

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021731.D
 Acq On : 01 Apr 2025 10:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:21:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	267136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	417982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	368359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	136075	47.014	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.020%		
35) Dibromofluoromethane	7.628	113	133944	49.401	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.800%		
50) Toluene-d8	10.103	98	513066	49.740	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.407	95	176122	50.479	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	134416	48.547	ug/l	99
3) Chloromethane	2.068	50	176456	45.323	ug/l	99
4) Vinyl Chloride	2.202	62	206500	46.900	ug/l	99
5) Bromomethane	2.592	94	137266	45.709	ug/l	96
6) Chloroethane	2.732	64	132294	45.918	ug/l	97
7) Trichlorofluoromethane	3.055	101	278436	49.366	ug/l	95
8) Diethyl Ether	3.452	74	74100	48.310	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.811	101	148970	50.077	ug/l	99
10) Methyl Iodide	4.000	142	170850	52.351	ug/l	99
11) Tert butyl alcohol	4.860	59	42437	225.735	ug/l	97
12) 1,1-Dichloroethene	3.787	96	140564	50.166	ug/l	96
13) Acrolein	3.647	56	48810	142.192	ug/l	100
14) Allyl chloride	4.378	41	218387	48.883	ug/l	98
15) Acrylonitrile	5.049	53	152707	238.441	ug/l	99
16) Acetone	3.866	43	118444	199.954	ug/l	100
17) Carbon Disulfide	4.104	76	446985	48.433	ug/l	100
18) Methyl Acetate	4.378	43	76579	52.162	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	352917	50.590	ug/l	97
20) Methylene Chloride	4.610	84	152033	52.656	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	155717	50.474	ug/l	96
22) Diisopropyl ether	6.018	45	466330	49.759	ug/l	98
23) Vinyl Acetate	5.957	43	1338386	244.119	ug/l	99
24) 1,1-Dichloroethane	5.915	63	278076	49.622	ug/l	99
25) 2-Butanone	6.890	43	190328	224.955	ug/l	98
26) 2,2-Dichloropropane	6.884	77	247075	49.566	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	178722	51.514	ug/l	97
28) Bromochloromethane	7.238	49	107313	45.407	ug/l	96
29) Tetrahydrofuran	7.256	42	130067	238.865	ug/l	99
30) Chloroform	7.414	83	290391	49.822	ug/l	98
31) Cyclohexane	7.701	56	244653	47.893	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	263084	49.940	ug/l	99
36) 1,1-Dichloropropene	7.835	75	209338	50.689	ug/l	99
37) Ethyl Acetate	6.975	43	91307	46.847	ug/l	100
38) Carbon Tetrachloride	7.817	117	243670	51.515	ug/l	98
39) Methylcyclohexane	9.109	83	262352	53.177	ug/l	98
40) Benzene	8.079	78	622767	50.353	ug/l	97

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Manual Integrations

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:21:06 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M

Quant Title : SW846 8260

QLast Update : Fri Mar 28 02:30:29 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	49923	48.231	ug/l #	100
42) 1,2-Dichloroethane	8.152	62	170747	48.971	ug/l	100
43) Isopropyl Acetate	8.195	43	179833	48.688	ug/l	99
44) Trichloroethene	8.859	130	162593	51.597	ug/l	98
45) 1,2-Dichloropropane	9.140	63	148025	50.563	ug/l	99
46) Dibromomethane	9.231	93	84173	49.889	ug/l	98
47) Bromodichloromethane	9.420	83	221026	50.556	ug/l	99
48) Methyl methacrylate	9.219	41	84385	49.779	ug/l	99
49) 1,4-Dioxane	9.225	88	18431	1019.727	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	470787	244.928	ug/l	100
52) Toluene	10.170	92	402014	52.098	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	200228	51.562	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	232150	50.675	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	111496	51.351	ug/l	97
56) Ethyl methacrylate	10.438	69	147342	53.145	ug/l	98
57) 1,3-Dichloropropane	10.713	76	189537	50.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	353396	261.293	ug/l	99
59) 2-Hexanone	10.761	43	310936	242.897	ug/l	97
60) Dibromochloromethane	10.908	129	154318	52.056	ug/l	99
61) 1,2-Dibromoethane	11.011	107	104915	51.510	ug/l	98
64) Tetrachloroethene	10.646	164	171463	51.108	ug/l	99
65) Chlorobenzene	11.438	112	428457	50.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	154021	51.410	ug/l	100
67) Ethyl Benzene	11.517	91	761863	52.616	ug/l	100
68) m/p-Xylenes	11.627	106	583007	105.148	ug/l	99
69) o-Xylene	11.956	106	274181	53.570	ug/l	100
70) Styrene	11.968	104	466097	54.619	ug/l	98
71) Bromoform	12.133	173	88511	51.793	ug/l #	99
73) Isopropylbenzene	12.255	105	728894	52.872	ug/l	99
74) N-amyl acetate	12.072	43	160475	49.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	119944	48.393	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	91070m	49.498	ug/l	
77) Bromobenzene	12.535	156	169113	51.092	ug/l	99
78) n-propylbenzene	12.596	91	876144	52.863	ug/l	99
79) 2-Chlorotoluene	12.682	91	498171	51.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	597954	53.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	40075	50.188	ug/l	99
82) 4-Chlorotoluene	12.779	91	513706	51.186	ug/l	99
83) tert-Butylbenzene	12.999	119	533297	53.141	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	587932	52.796	ug/l	99
85) sec-Butylbenzene	13.176	105	778157	53.059	ug/l	100
86) p-Isopropyltoluene	13.291	119	652775	53.853	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	335519	51.450	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	324792	50.410	ug/l	98
89) n-Butylbenzene	13.621	91	599905	53.515	ug/l	100
90) Hexachloroethane	13.883	117	133741	50.349	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	291106	51.280	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18431	47.978	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	167937	54.551	ug/l	100
94) Hexachlorobutadiene	15.029	225	101814	52.955	ug/l	99
95) Naphthalene	15.145	128	281604	55.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	140280	53.436	ug/l	99

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ClientSampleId :
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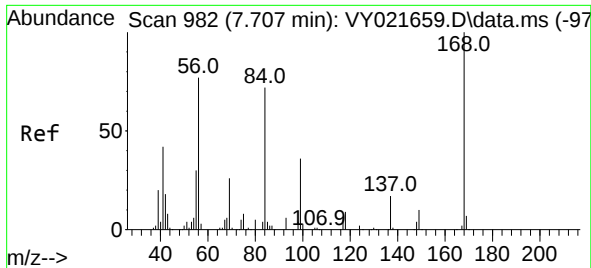
Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

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Response via : Initial Calibration

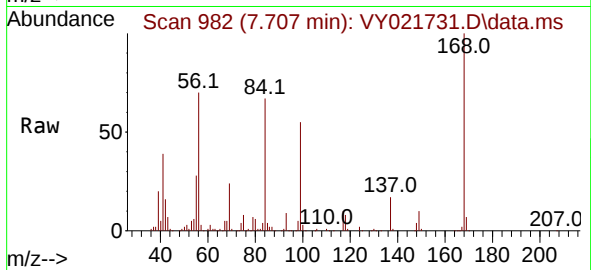
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021731.D
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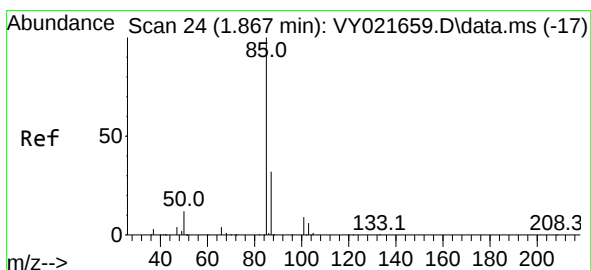
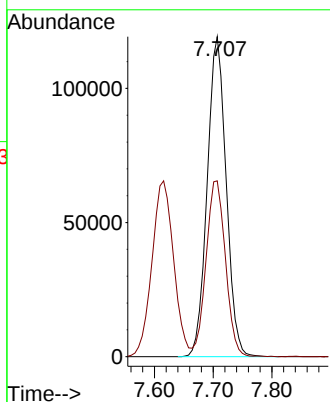
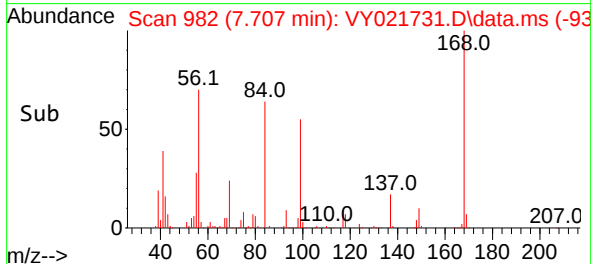
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 267130
Ion Ratio Lower Upper
168 100
99 54.9 46.7 70.1

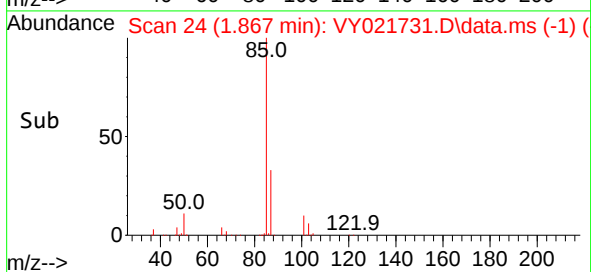
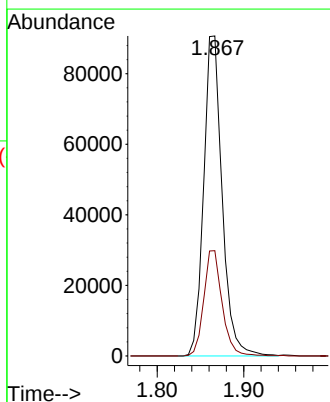
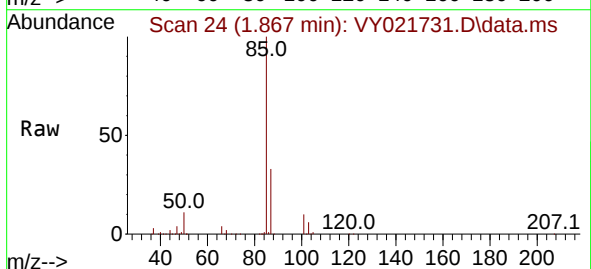
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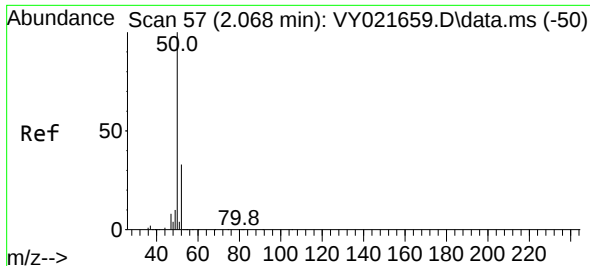
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#2
Dichlorodifluoromethane
Concen: 48.547 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

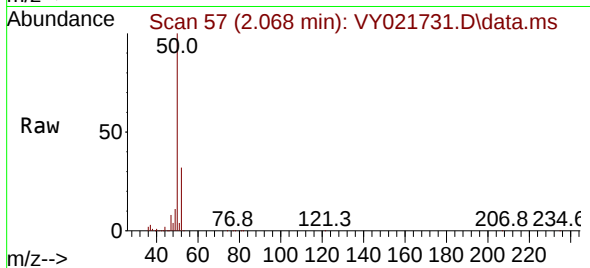
Tgt Ion: 85 Resp: 134416
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 45.323 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

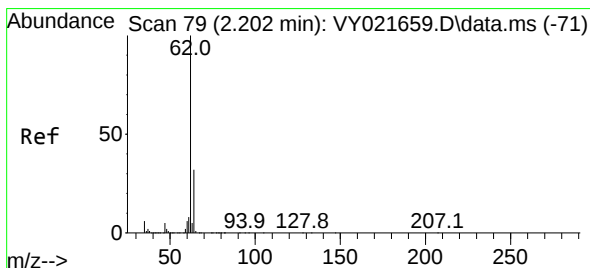
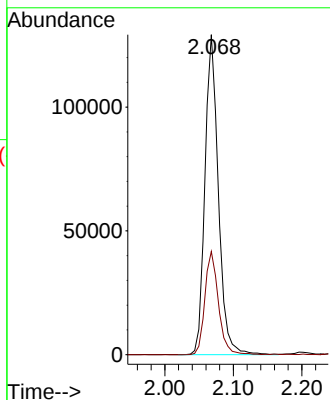
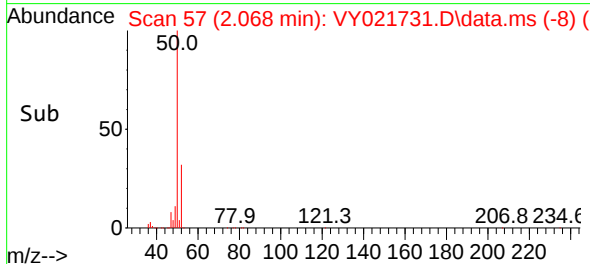
Instrument :
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Tgt Ion: 50 Resp: 176450
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5

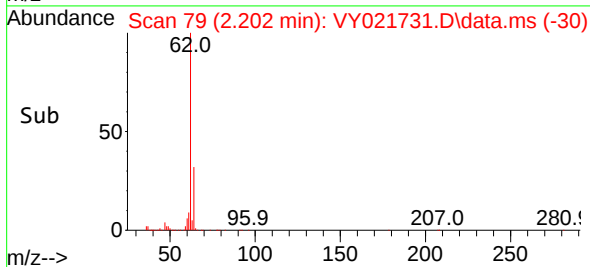
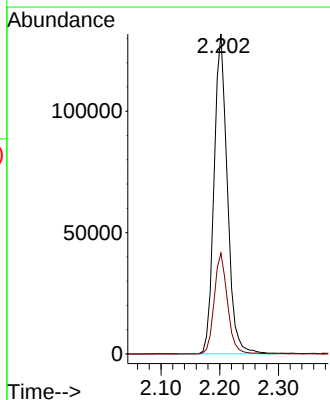
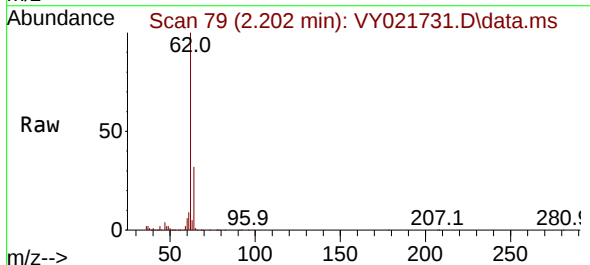
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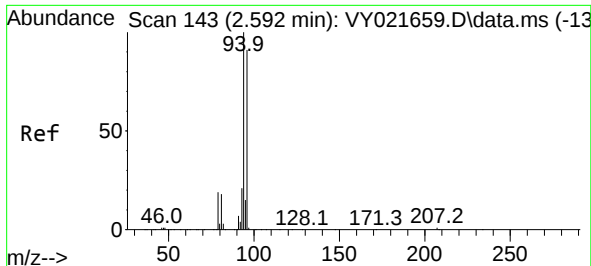
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#4
Vinyl Chloride
Concen: 46.900 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

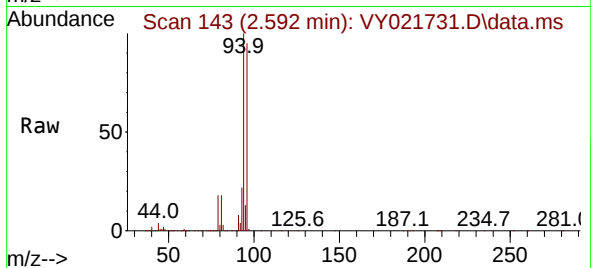
Tgt Ion: 62 Resp: 206500
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5
Bromomethane
Concen: 45.709 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

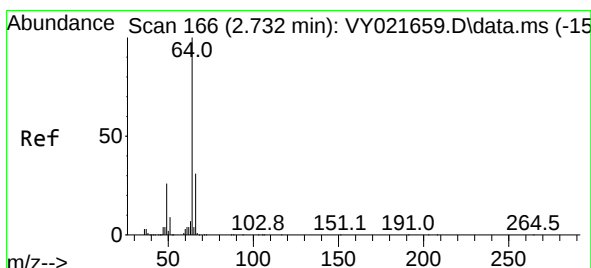
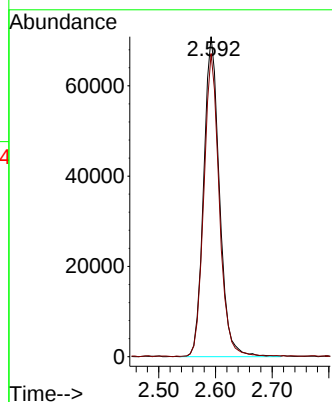
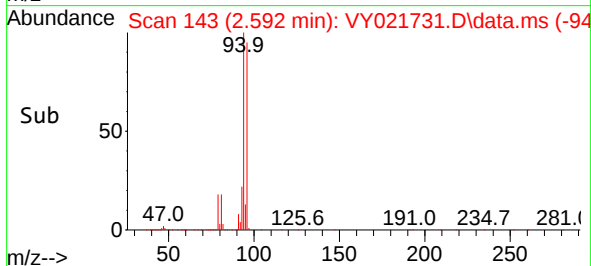
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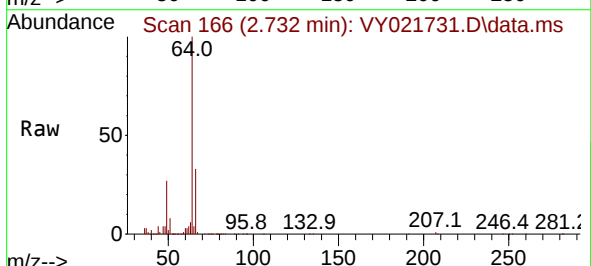
Tgt Ion: 94 Resp: 137260
Ion Ratio Lower Upper
94 100
96 94.7 72.8 109.2

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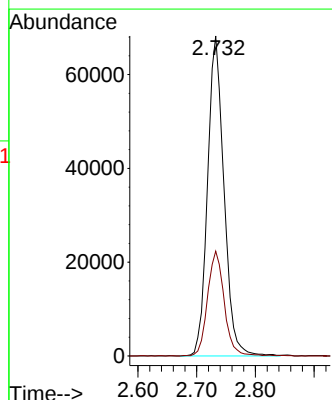
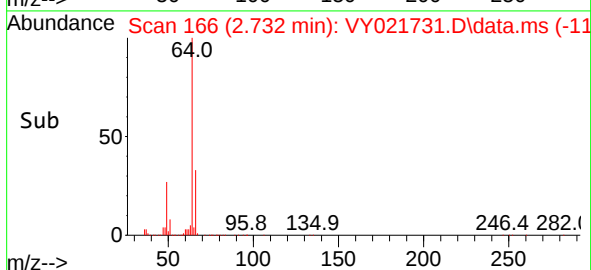
Reviewed By :Amit Patel 04/02/2025
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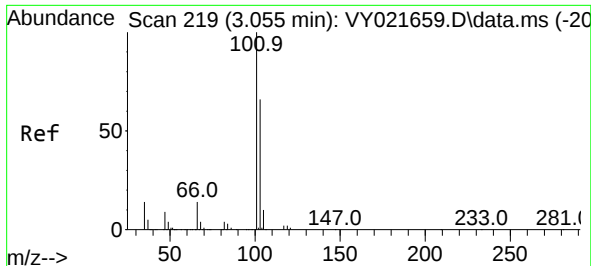


#6
Chloroethane
Concen: 45.918 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021731.D
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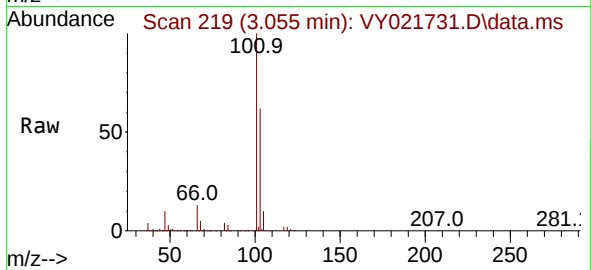
Tgt Ion: 64 Resp: 132294
Ion Ratio Lower Upper
64 100
66 32.7 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 49.366 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY021731.D
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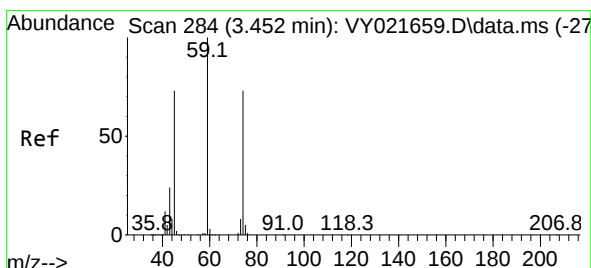
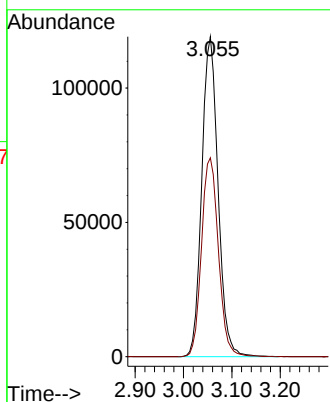
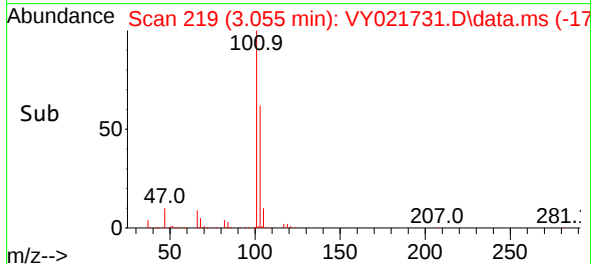
Instrument :
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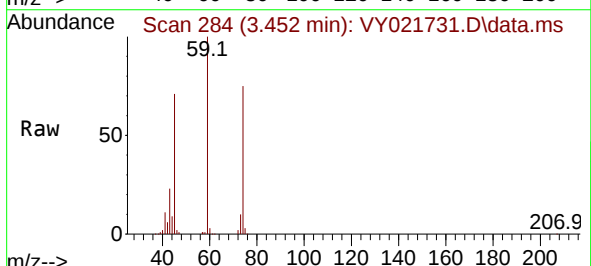
Tgt Ion:101 Resp: 278430
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.1 79.7

Manual Integrations
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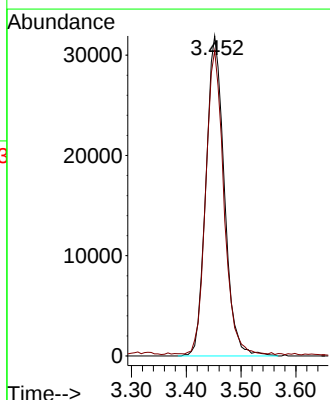
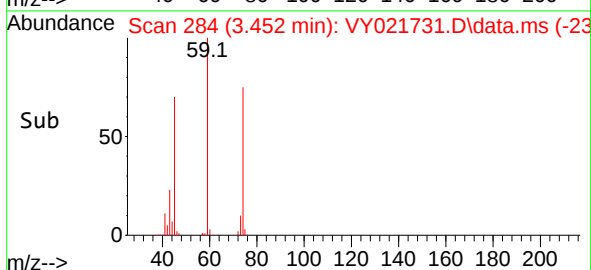
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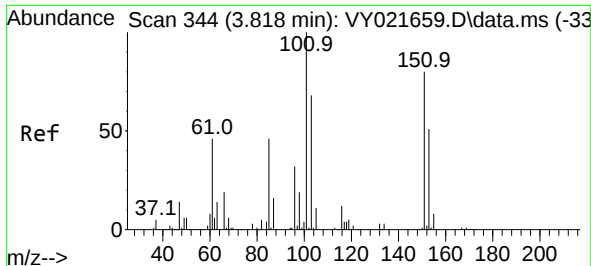


#8
 Diethyl Ether
 Concen: 48.310 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY021731.D
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Tgt Ion: 74 Resp: 74100
 Ion Ratio Lower Upper
 74 100
 45 92.9 48.6 145.8





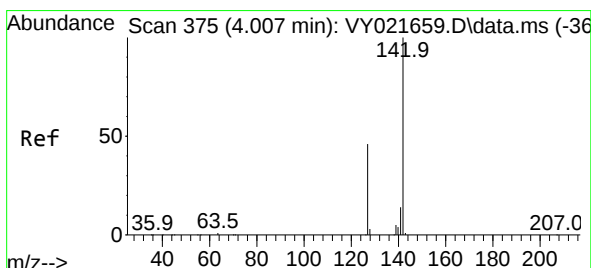
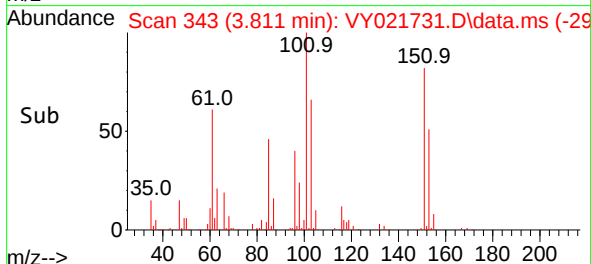
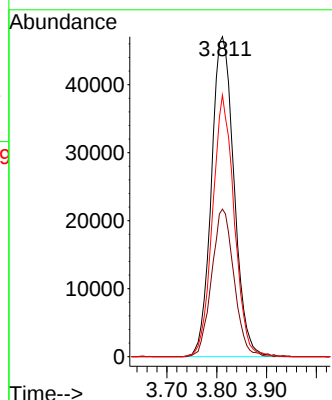
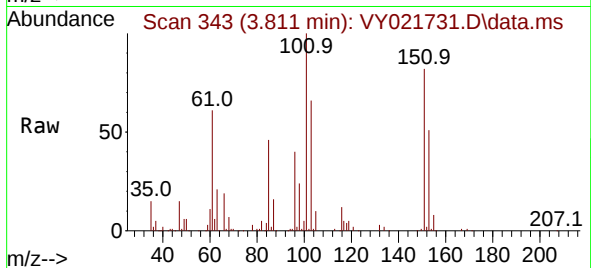
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.077 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 148970
Ion Ratio Lower Upper
101 100
85 45.3 36.3 54.5
151 77.9 61.3 91.9

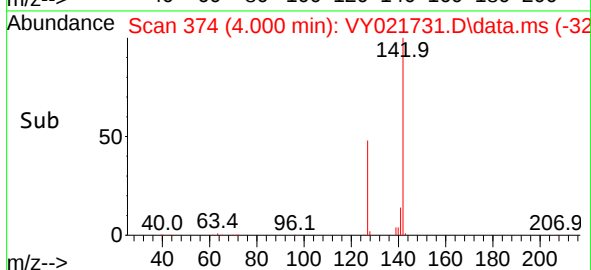
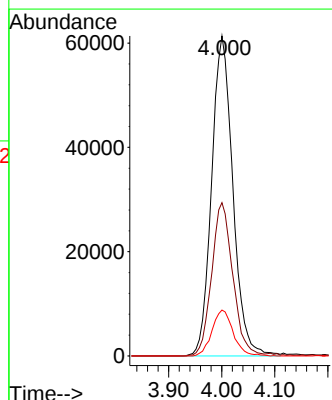
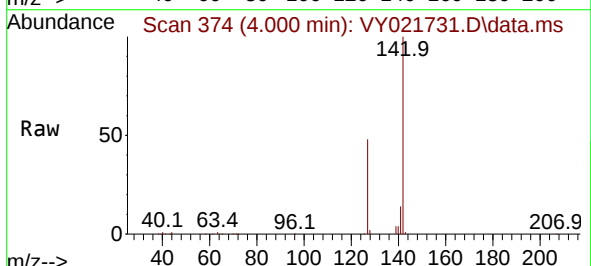
Manual Integrations
APPROVED

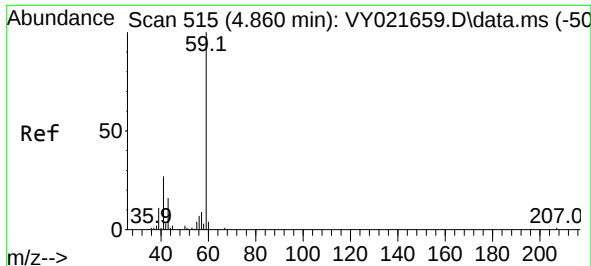
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#10
Methyl Iodide
Concen: 52.351 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

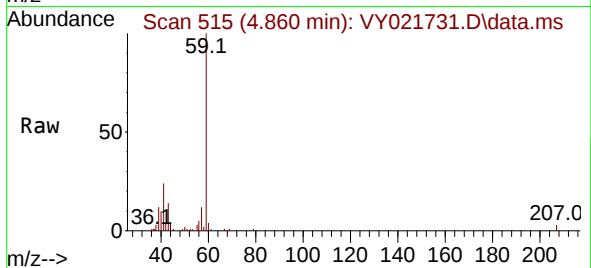
Tgt Ion:142 Resp: 170850
Ion Ratio Lower Upper
142 100
127 47.6 38.7 58.1
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 225.735 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

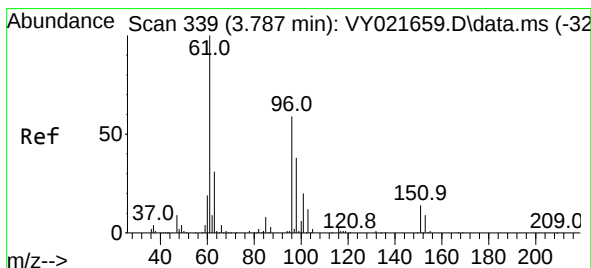
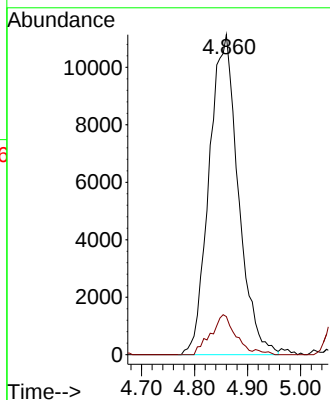
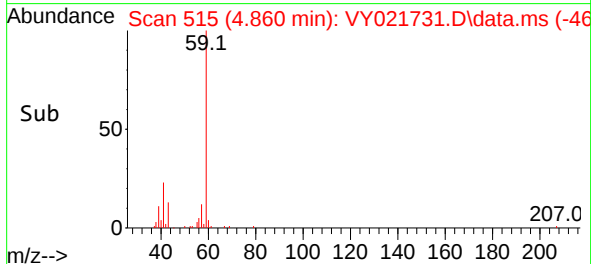
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 4243
Ion Ratio Lower Upper
59 100
57 10.4 9.2 13.8

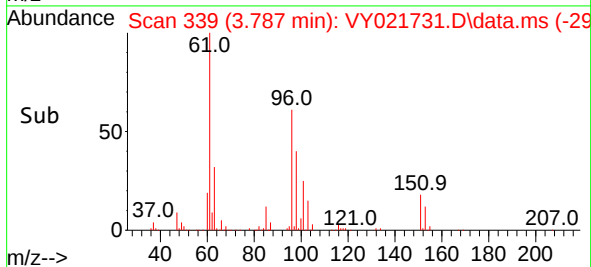
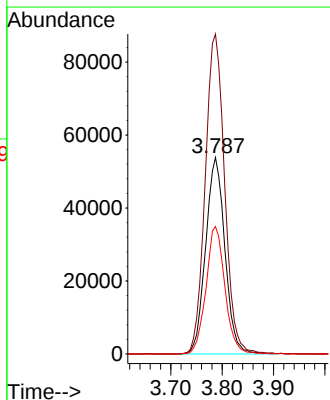
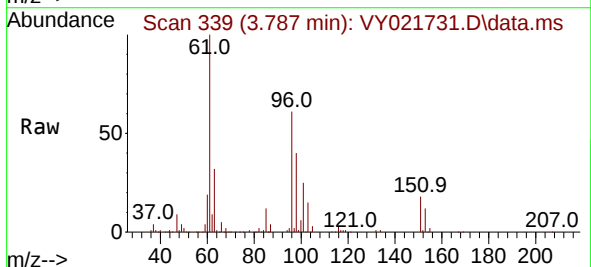
Manual Integrations
APPROVED

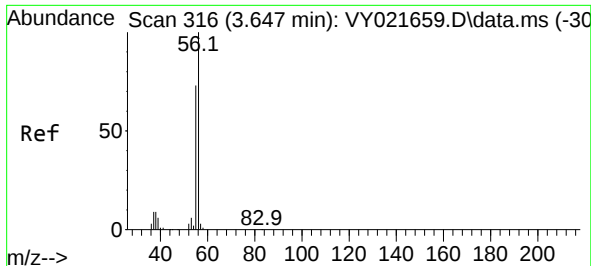
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#12
1,1-Dichloroethene
Concen: 50.166 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

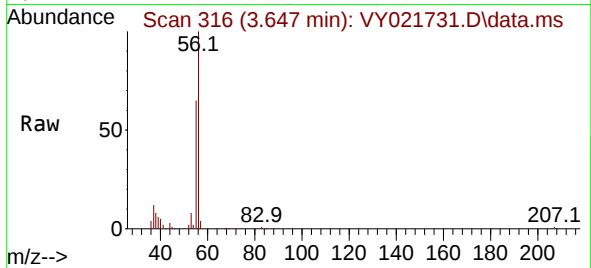
Tgt Ion: 96 Resp: 140564
Ion Ratio Lower Upper
96 100
61 162.9 136.6 204.8
98 64.8 52.3 78.5





#13
Acrolein
Concen: 142.192 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

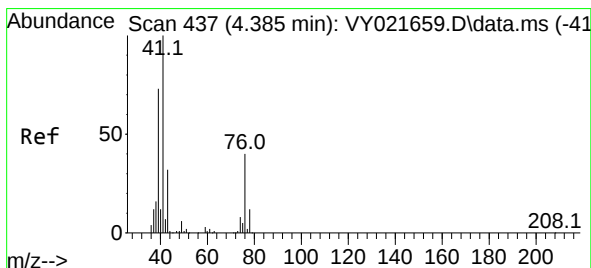
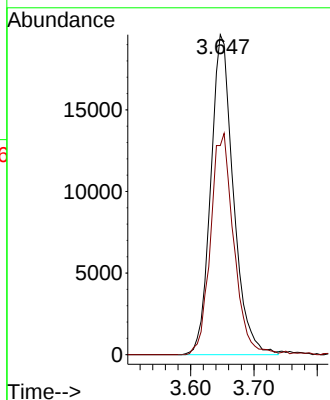
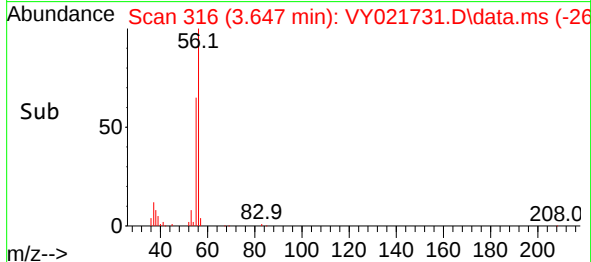
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 48810
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

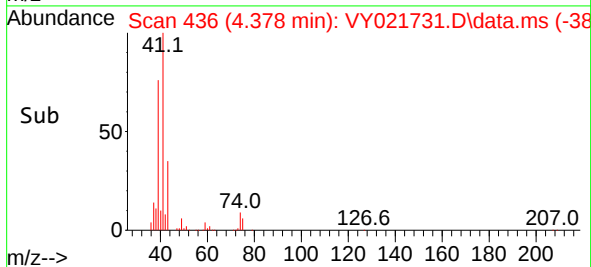
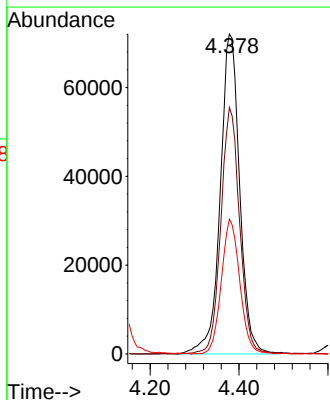
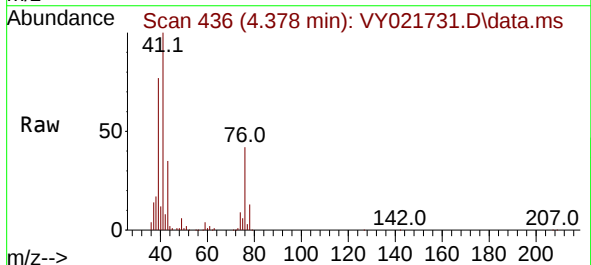
Manual Integrations
APPROVED

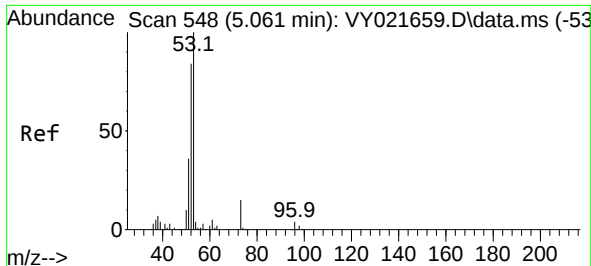
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#14
Allyl chloride
Concen: 48.883 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

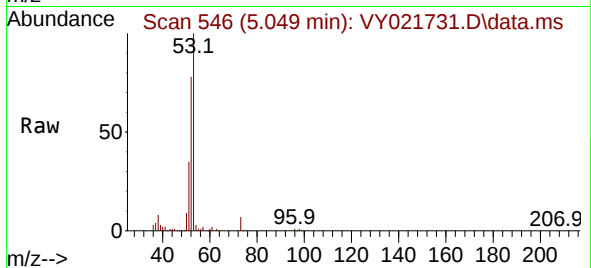
Tgt Ion: 41 Resp: 218387
Ion Ratio Lower Upper
41 100
39 74.4 58.6 88.0
76 40.0 30.3 45.5





#15
Acrylonitrile
Concen: 238.441 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

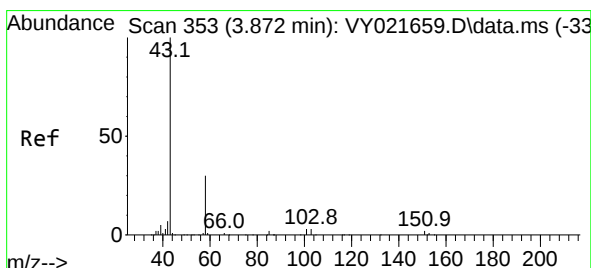
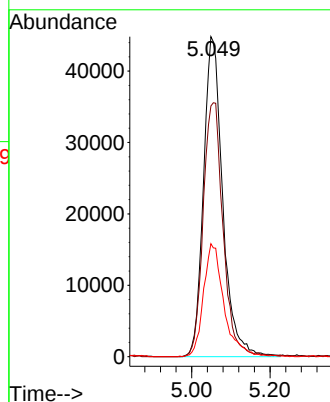
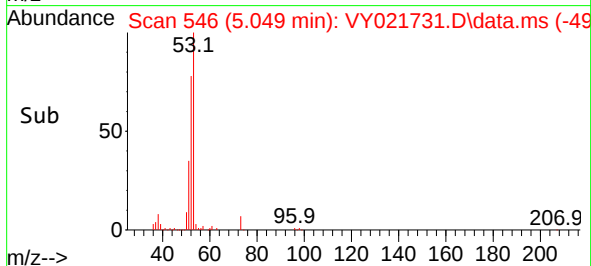
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



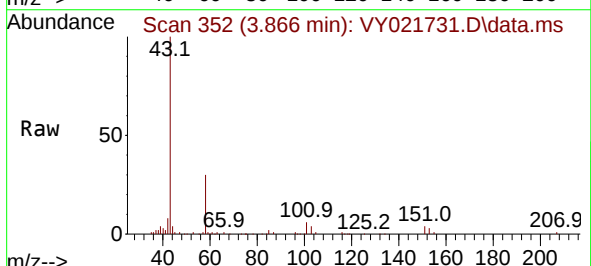
Tgt Ion: 53 Resp: 15270
Ion Ratio Lower Upper
53 100
52 82.2 64.9 97.3
51 37.5 30.2 45.2

Manual Integrations
APPROVED

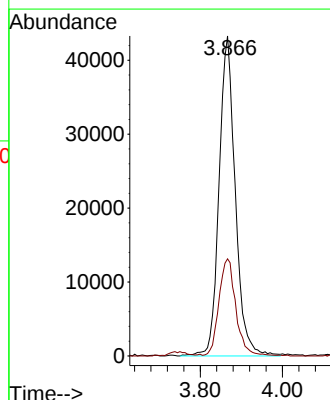
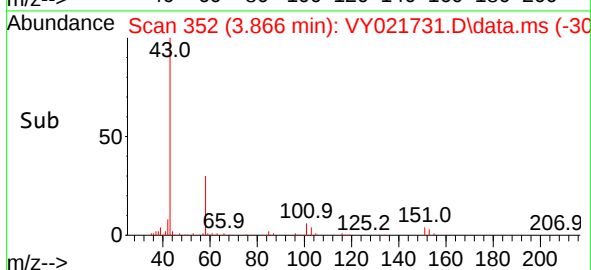
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

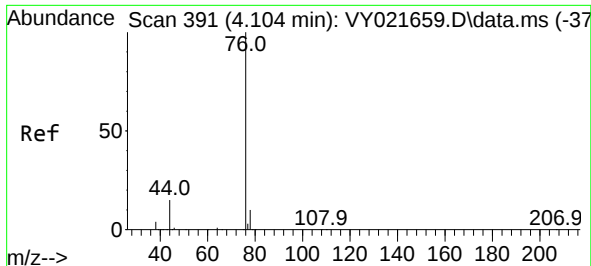


#16
Acetone
Concen: 199.954 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



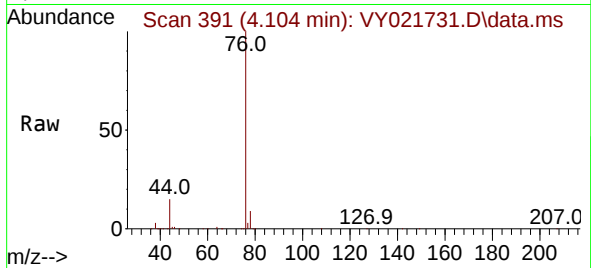
Tgt Ion: 43 Resp: 118444
Ion Ratio Lower Upper
43 100
58 30.1 24.2 36.4





#17
Carbon Disulfide
Concen: 48.433 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

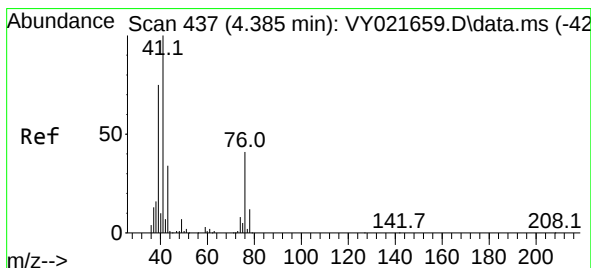
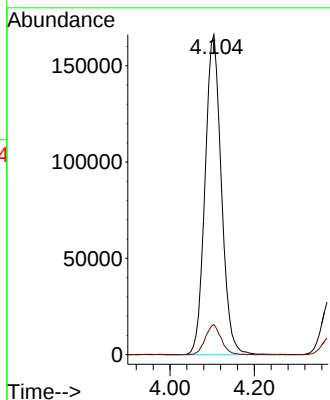
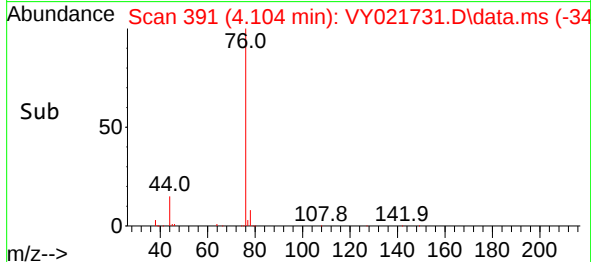
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



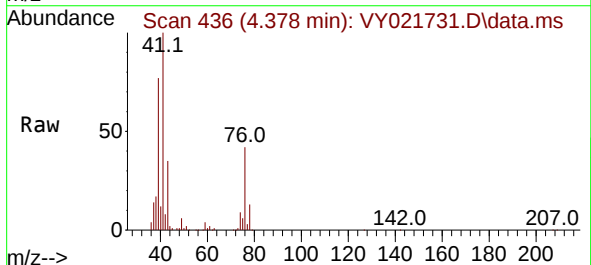
Tgt Ion: 76 Resp: 446985
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

Manual Integrations
APPROVED

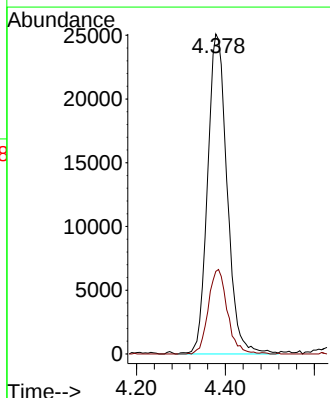
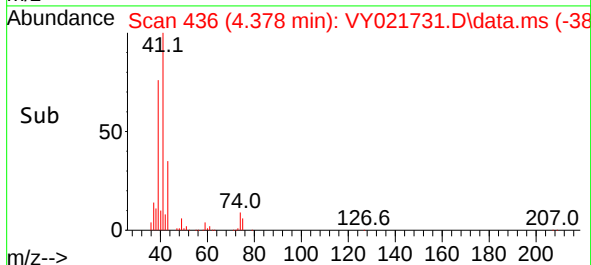
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

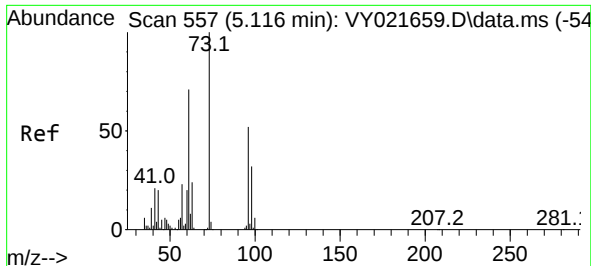


#18
Methyl Acetate
Concen: 52.162 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



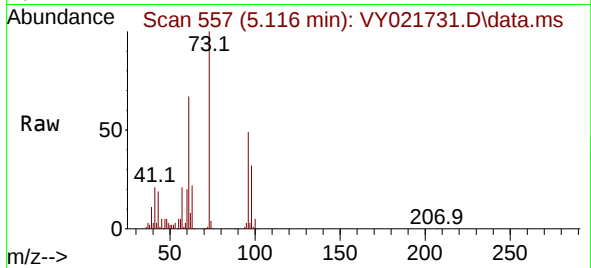
Tgt Ion: 43 Resp: 76579
Ion Ratio Lower Upper
43 100
74 25.8 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 50.590 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

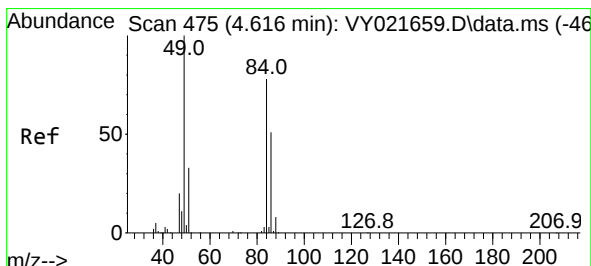
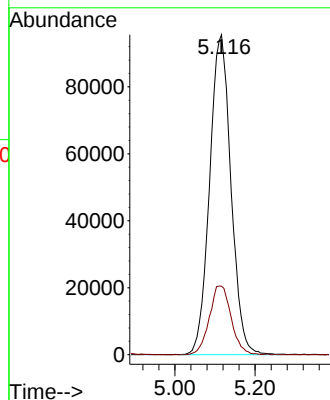
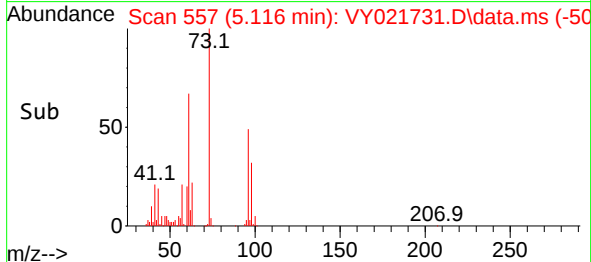
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



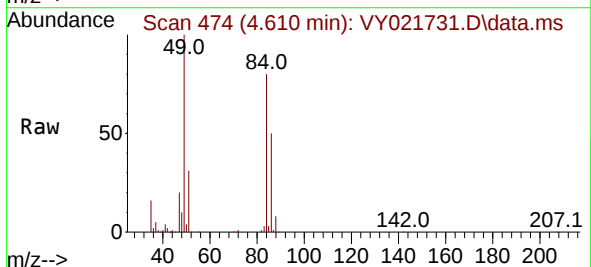
Tgt Ion: 73 Resp: 352917
Ion Ratio Lower Upper
73 100
57 21.4 18.1 27.1

Manual Integrations
APPROVED

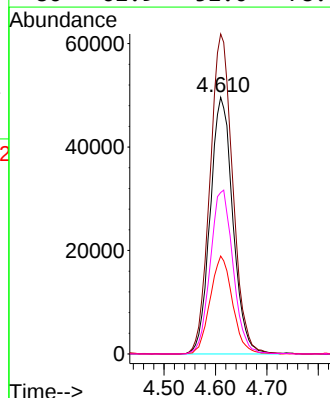
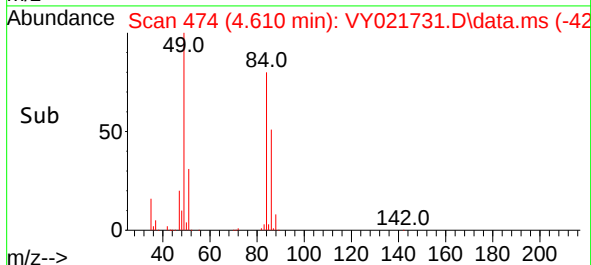
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

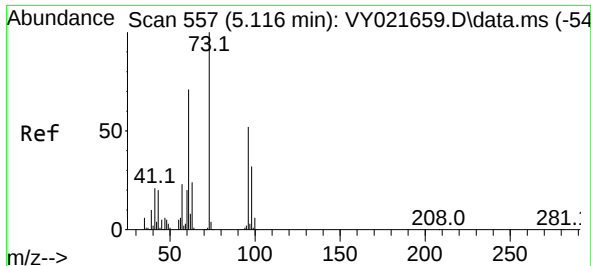


#20
Methylene Chloride
Concen: 52.656 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



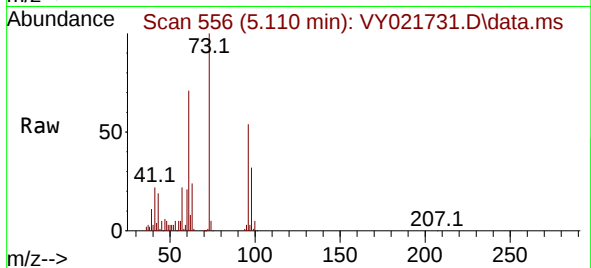
Tgt Ion: 84 Resp: 152033
Ion Ratio Lower Upper
84 100
49 124.7 102.8 154.2
51 38.2 33.5 50.3
86 62.9 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 50.474 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

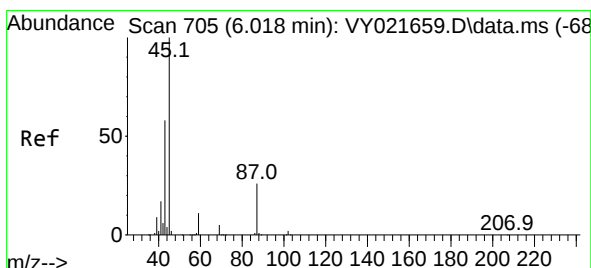
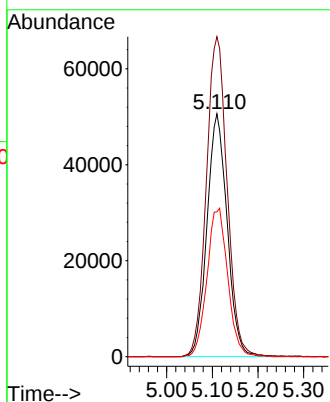
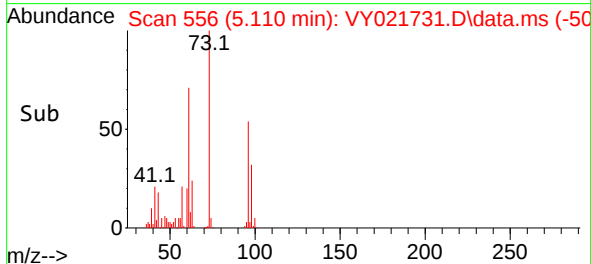
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 15571
Ion Ratio Lower Upper
96 100
61 131.7 109.4 164.0
98 59.6 50.2 75.2

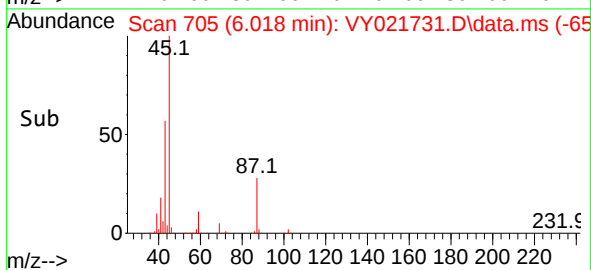
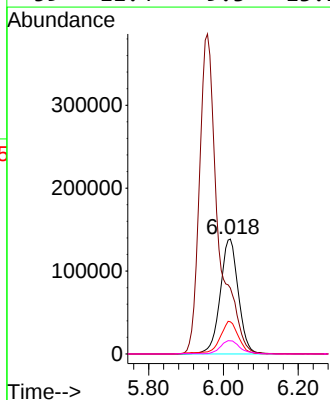
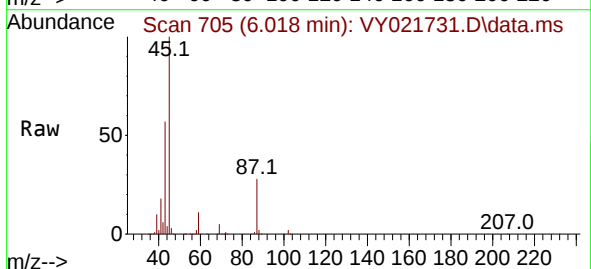
Manual Integrations
APPROVED

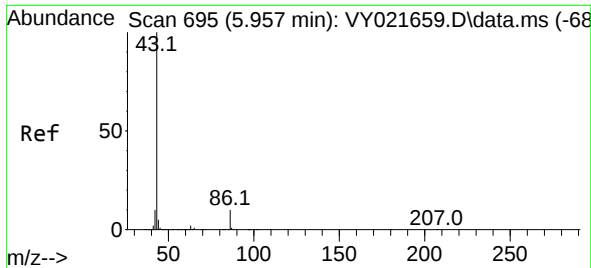
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#22
Diisopropyl ether
Concen: 49.759 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

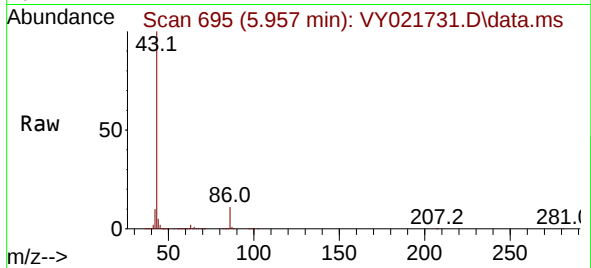
Tgt Ion: 45 Resp: 466330
Ion Ratio Lower Upper
45 100
43 57.3 46.6 69.8
87 28.1 20.7 31.1
59 11.4 9.3 13.9





#23
 Vinyl Acetate
 Concen: 244.119 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021731.D
 Acq: 01 Apr 2025 10:13

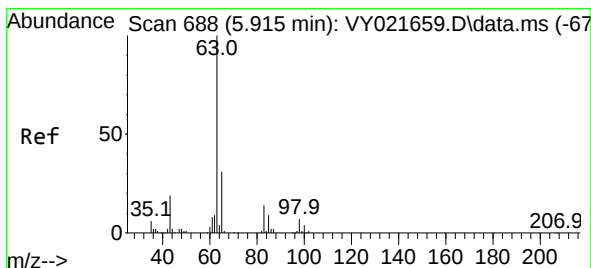
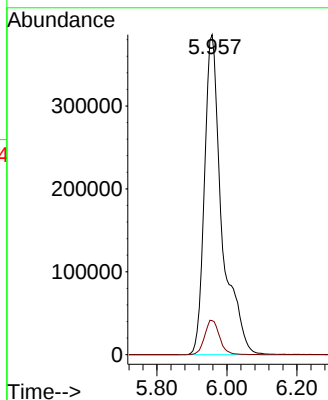
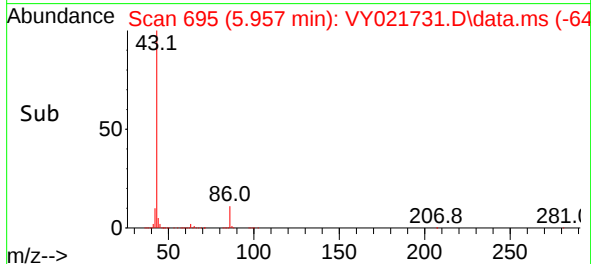
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



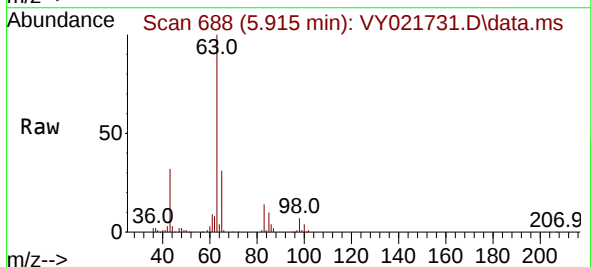
Tgt Ion: 43 Resp: 133838
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.2

Manual Integrations
 APPROVED

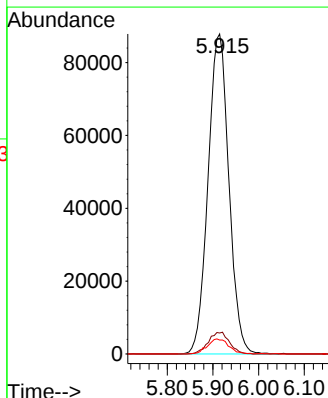
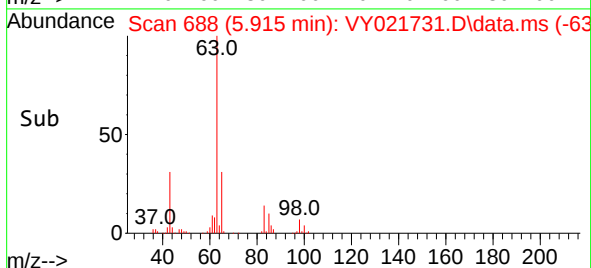
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

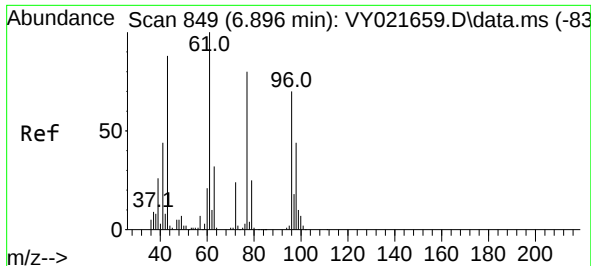


#24
 1,1-Dichloroethane
 Concen: 49.622 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021731.D
 Acq: 01 Apr 2025 10:13



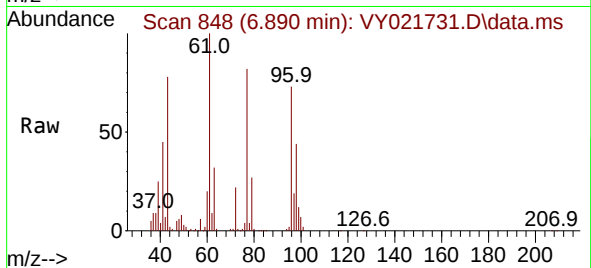
Tgt Ion: 63 Resp: 278076
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.4 2.2 6.6





#25
2-Butanone
Concen: 224.955 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

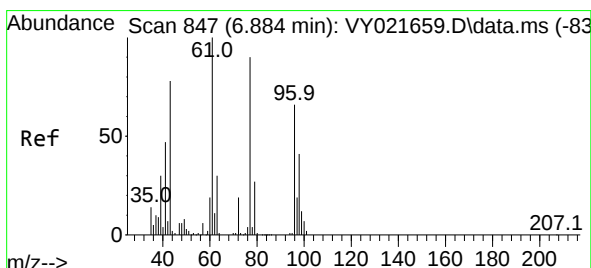
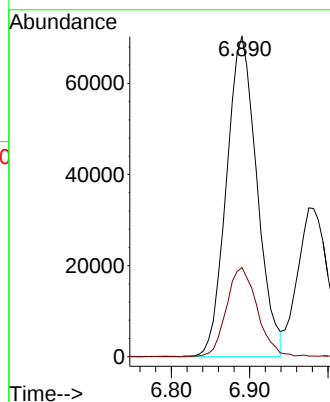
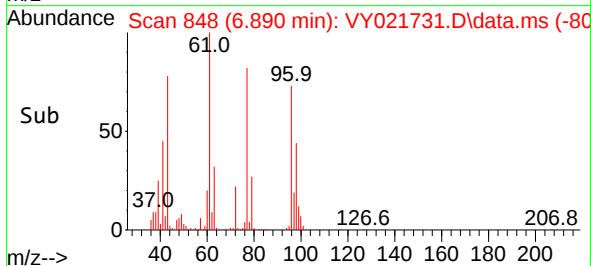
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 190328
Ion Ratio Lower Upper
43 100
72 27.8 21.4 32.2

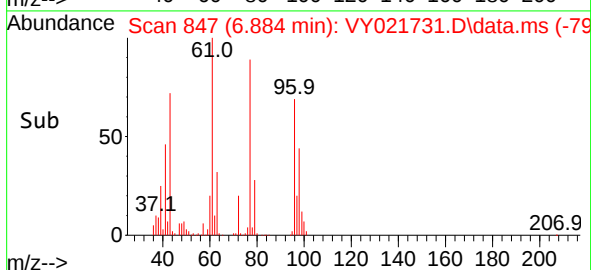
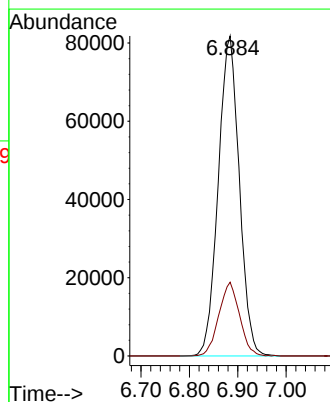
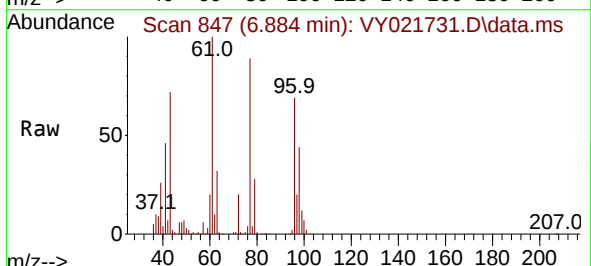
Manual Integrations
APPROVED

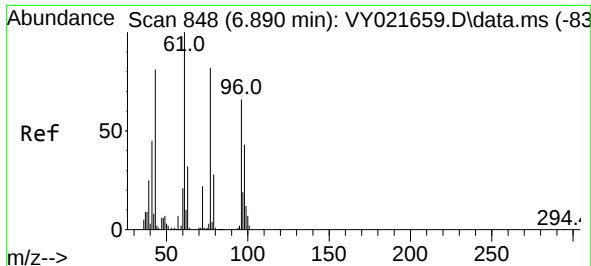
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#26
2,2-Dichloropropane
Concen: 49.566 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Tgt Ion: 77 Resp: 247075
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.514 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY021731.D

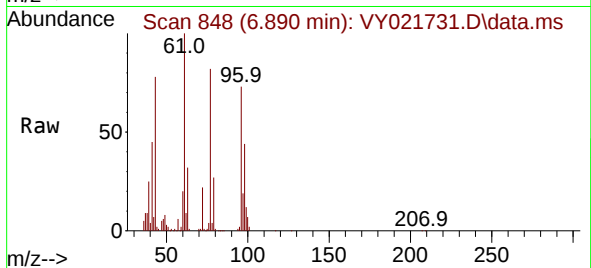
Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 17872

Ion Ratio Lower Upper

96 100

61 143.5 0.0 296.4

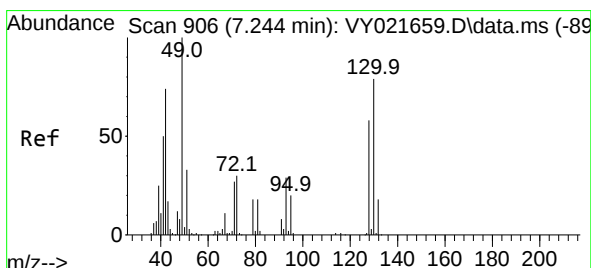
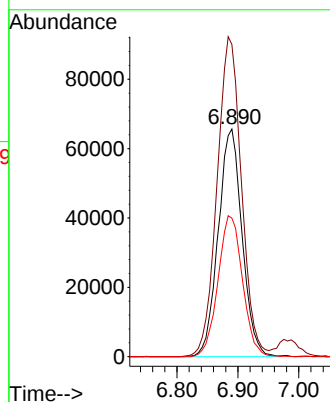
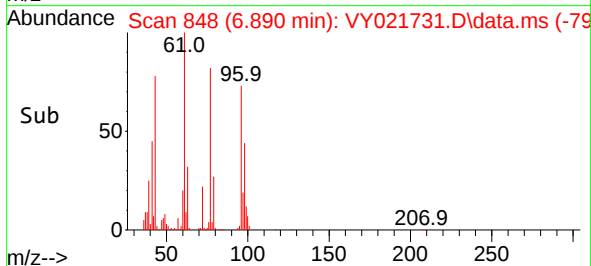
98 63.5 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#28

Bromochloromethane

Concen: 45.407 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

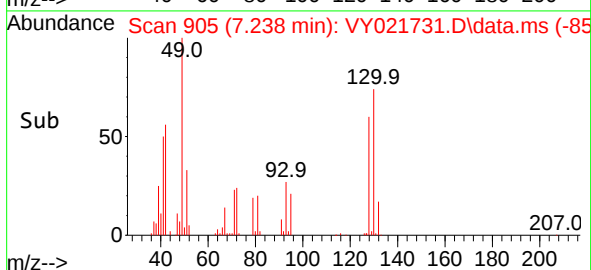
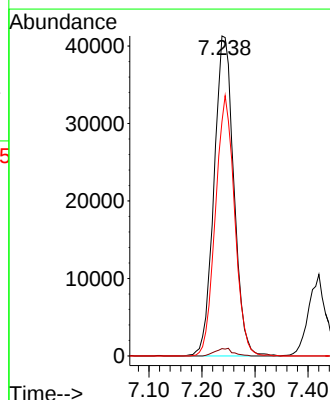
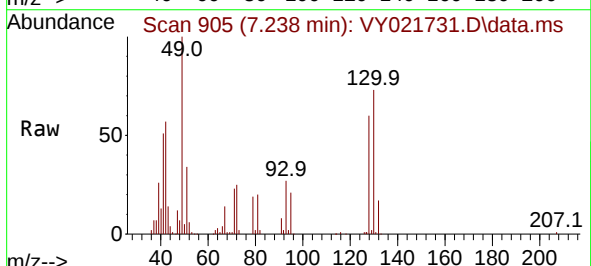
Tgt Ion: 49 Resp: 107313

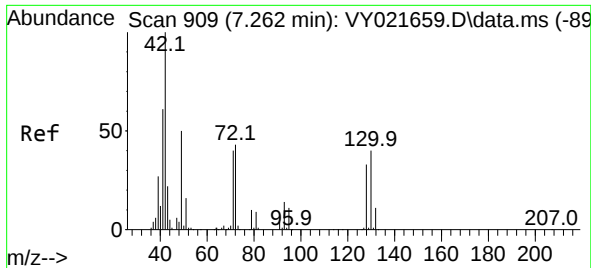
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

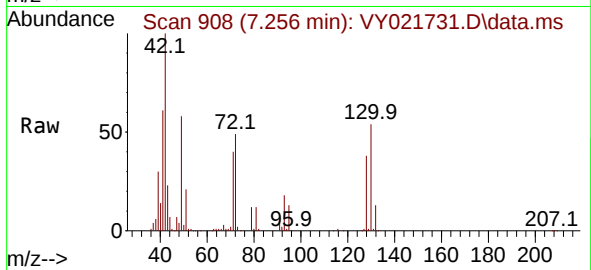
130 78.7 60.1 90.1





#29
Tetrahydrofuran
Concen: 238.865 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

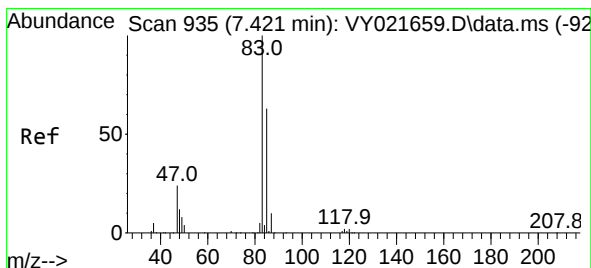
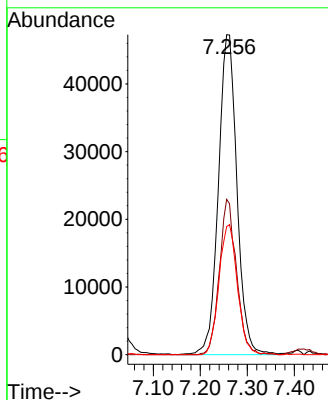
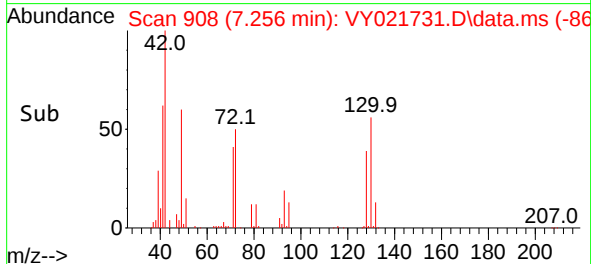
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 13006
Ion Ratio Lower Upper
42 100
72 44.7 34.6 52.0
71 40.5 32.5 48.7

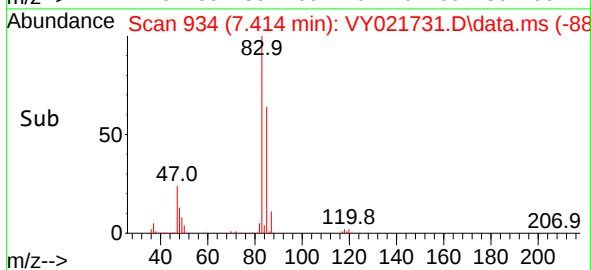
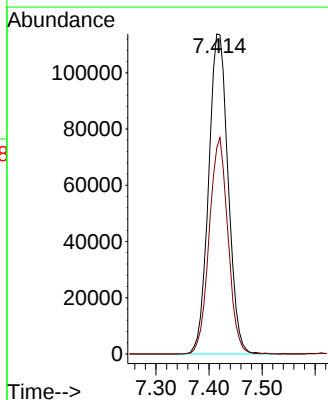
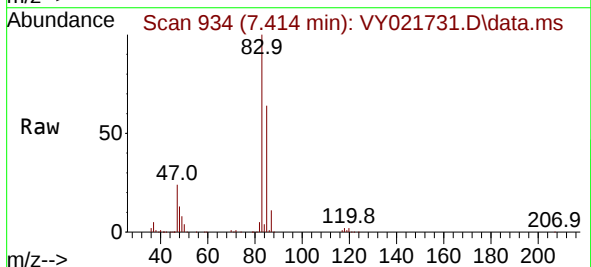
Manual Integrations
APPROVED

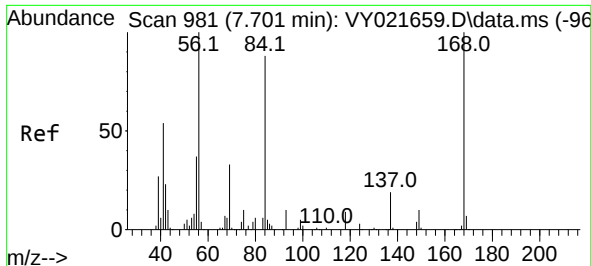
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#30
Chloroform
Concen: 49.822 ug/l
RT: 7.414 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

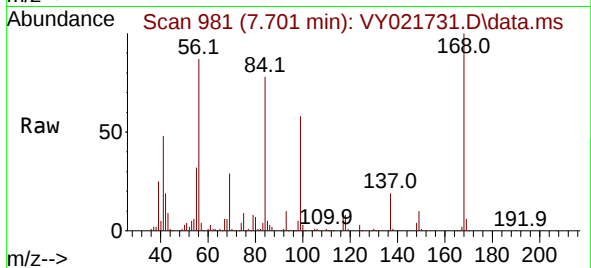
Tgt Ion: 83 Resp: 290391
Ion Ratio Lower Upper
83 100
85 64.4 50.6 75.8





#31
Cyclohexane
Concen: 47.893 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

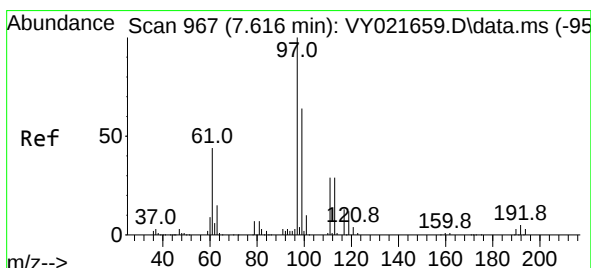
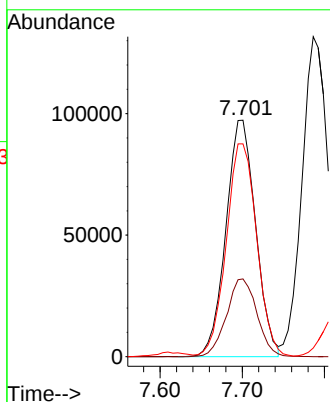
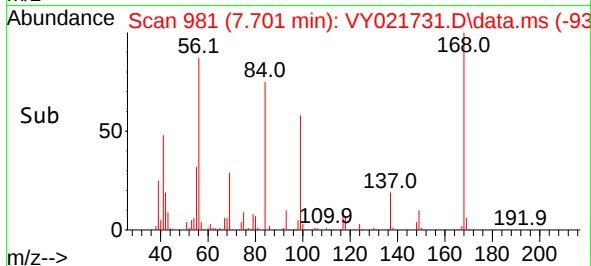
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 24465
Ion Ratio Lower Upper
56 100
69 32.9 26.6 40.0
84 88.3 69.0 103.4

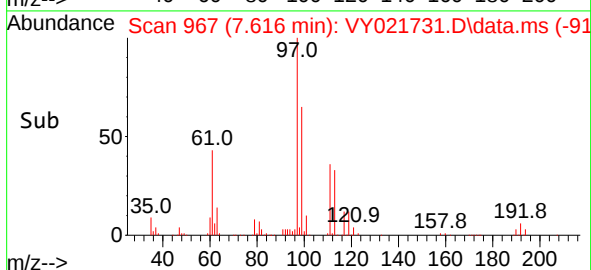
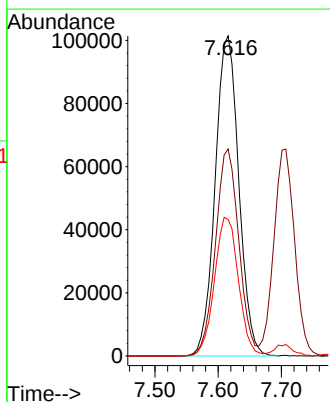
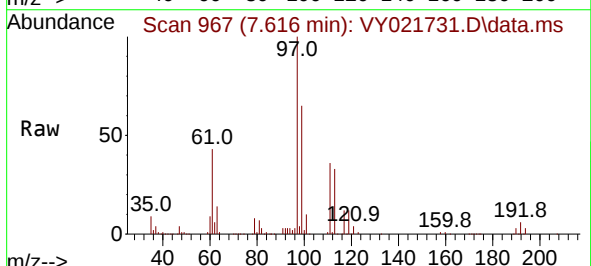
Manual Integrations
APPROVED

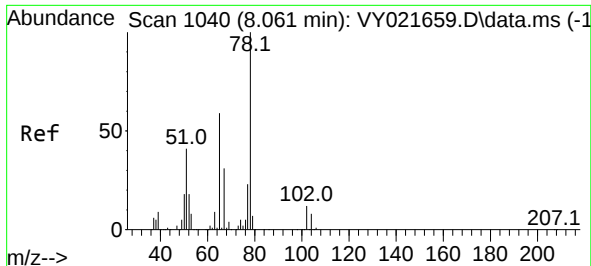
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#32
1,1,1-Trichloroethane
Concen: 49.940 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Tgt Ion: 97 Resp: 263084
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 43.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.014 ug/l

RT: 8.055 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 136079

Ion Ratio Lower Upper

65 100

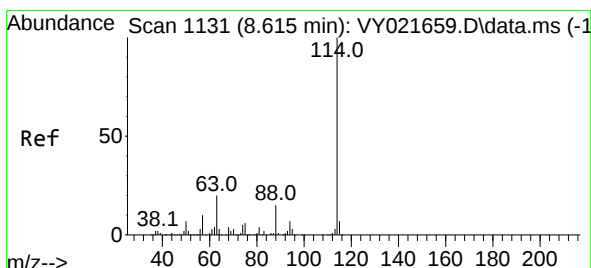
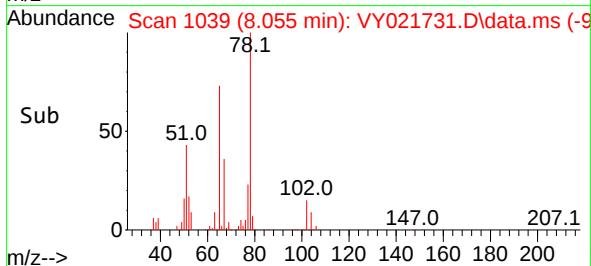
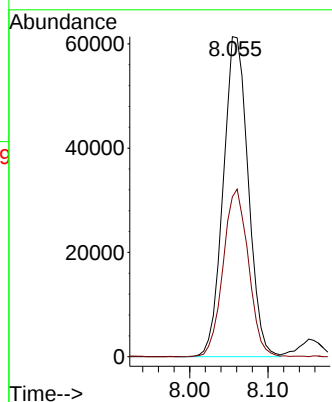
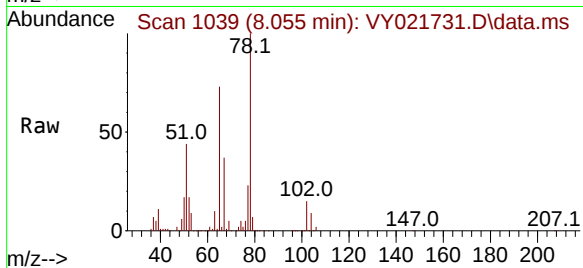
67 53.1 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

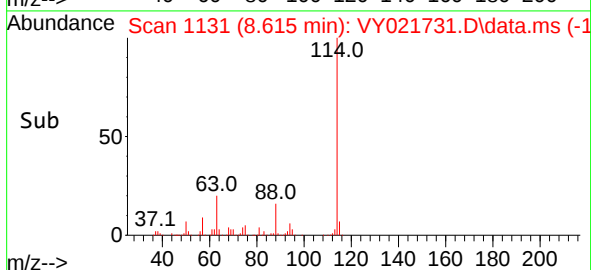
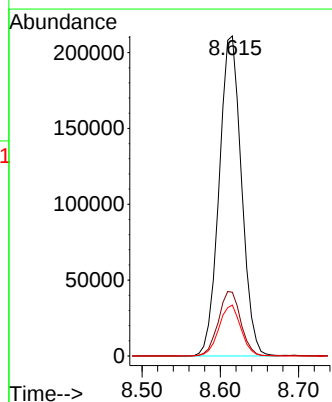
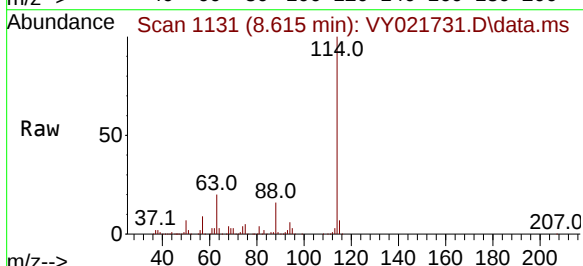
Tgt Ion:114 Resp: 417982

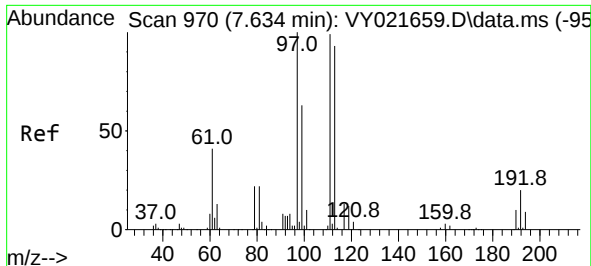
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

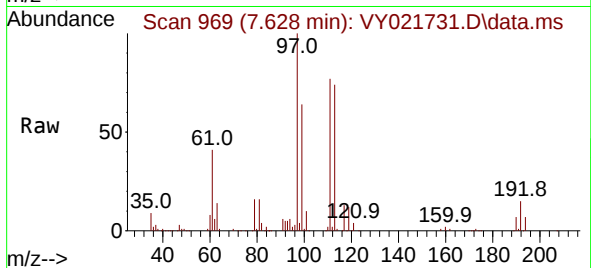
88 15.9 0.0 29.8





#35
Dibromofluoromethane
Concen: 49.401 ug/l
RT: 7.628 min Scan# 913
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

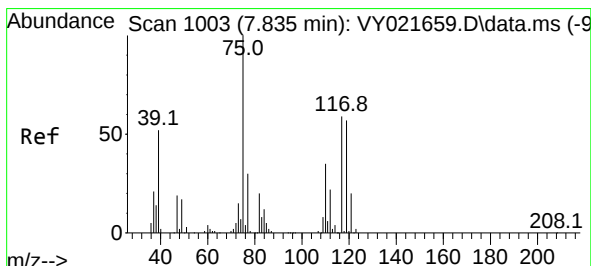
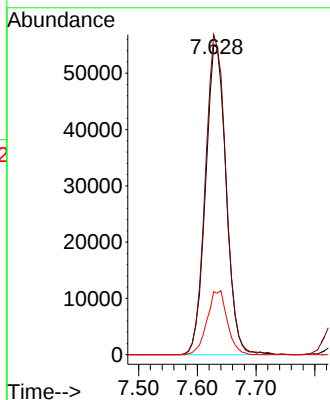
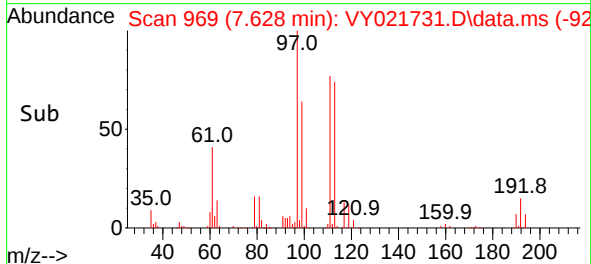
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



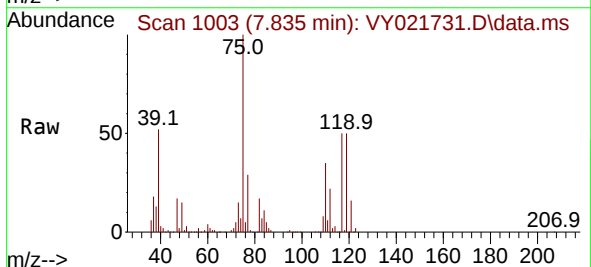
Tgt Ion:113 Resp: 133944
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 20.3 16.2 24.4

Manual Integrations
APPROVED

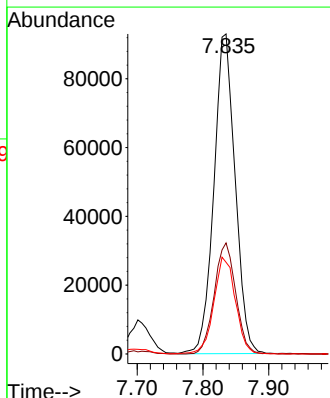
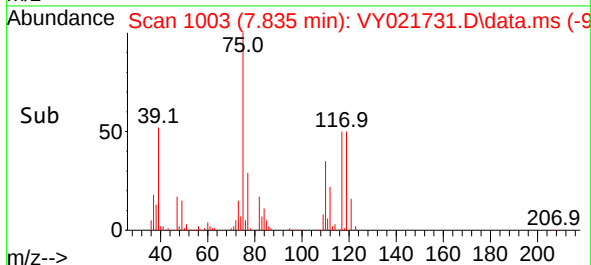
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

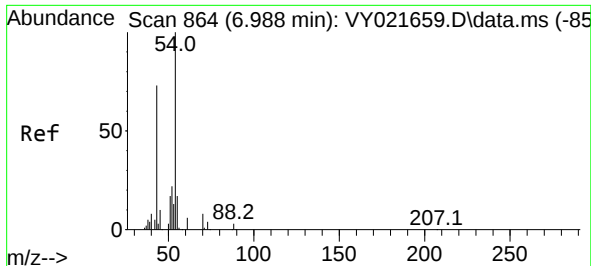


#36
1,1-Dichloropropene
Concen: 50.689 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



Tgt Ion: 75 Resp: 209338
Ion Ratio Lower Upper
75 100
110 35.0 17.0 50.9
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 46.847 ug/l

RT: 6.975 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9130

Ion Ratio Lower Upper

43 100

61 13.5 11.0 16.6

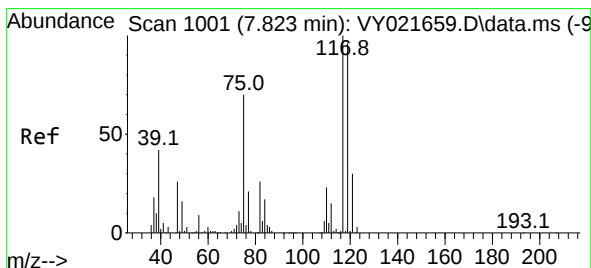
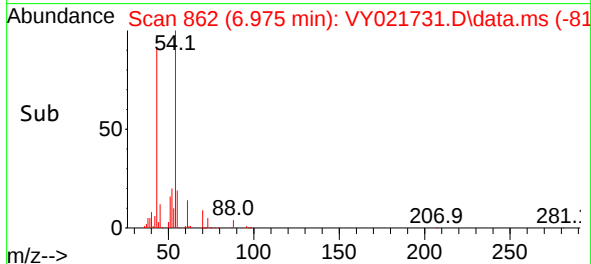
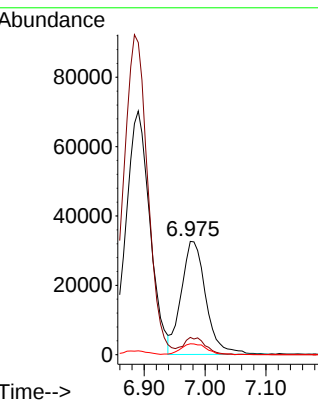
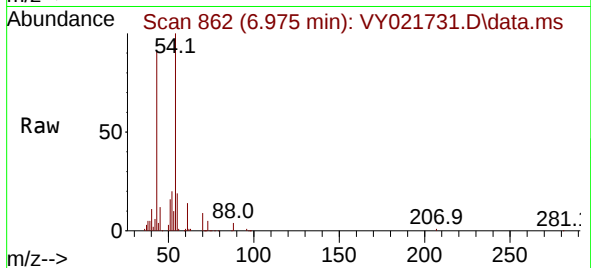
70 10.1 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#38

Carbon Tetrachloride

Concen: 51.515 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

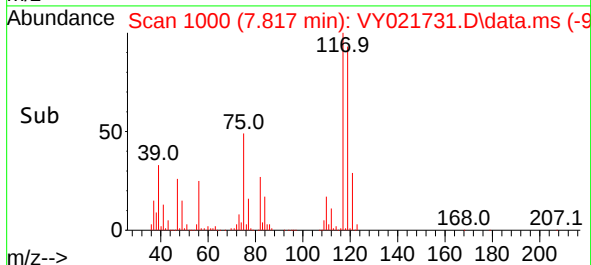
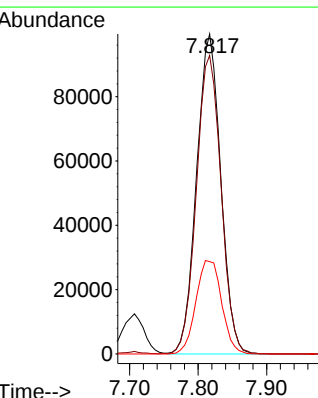
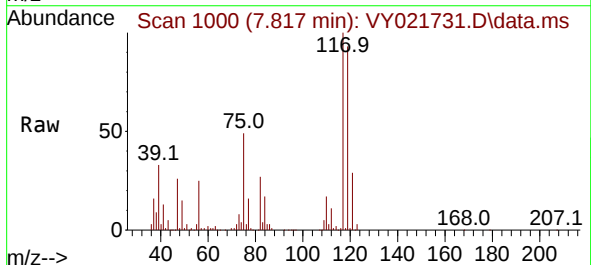
Tgt Ion:117 Resp: 243670

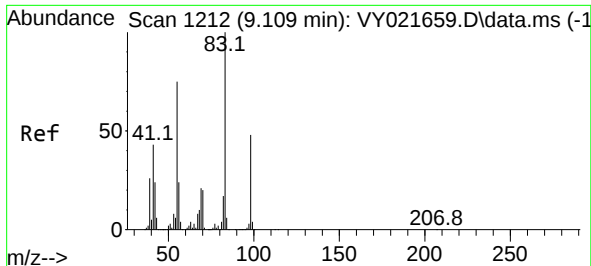
Ion Ratio Lower Upper

117 100

119 93.3 76.2 114.4

121 28.9 24.2 36.4





#39

Methylcyclohexane

Concen: 53.177 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 262352

Ion Ratio Lower Upper

83 100

55 73.8 59.7 89.5

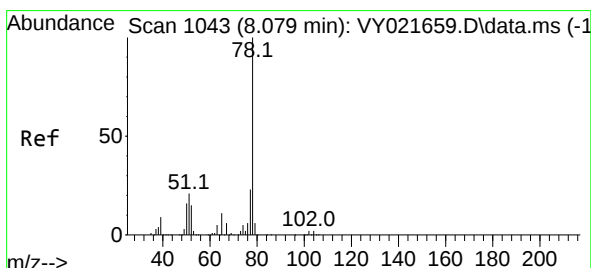
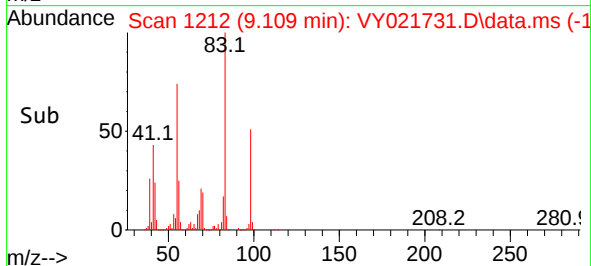
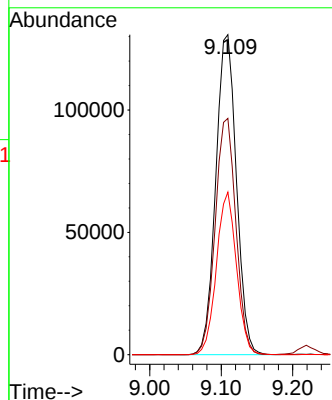
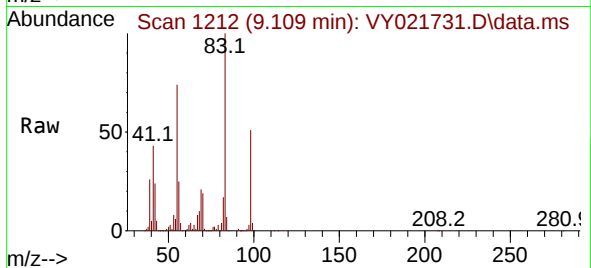
98 50.8 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#40

Benzene

Concen: 50.353 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021731.D

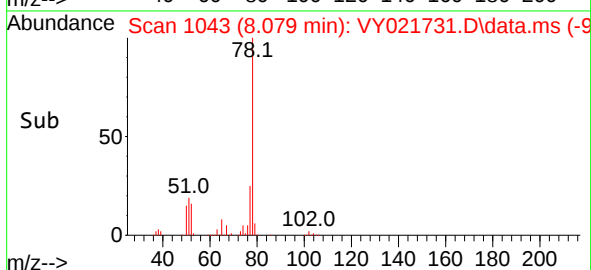
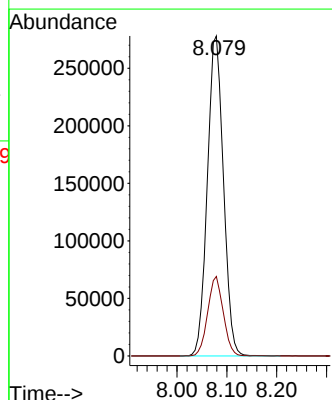
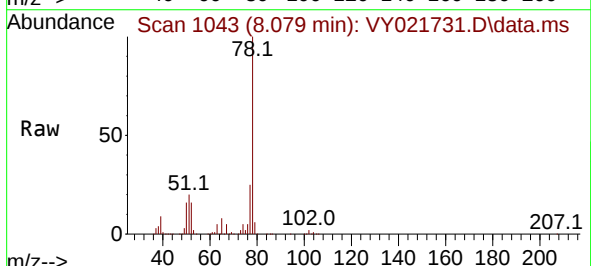
Acq: 01 Apr 2025 10:13

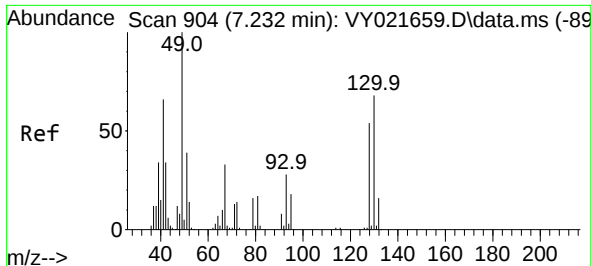
Tgt Ion: 78 Resp: 622767

Ion Ratio Lower Upper

78 100

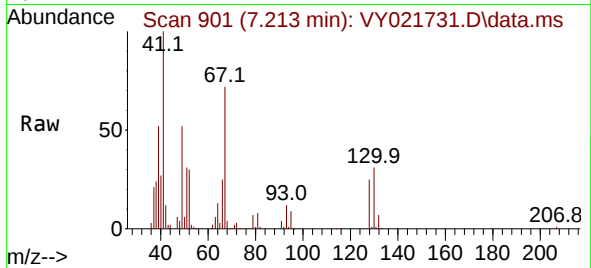
77 24.8 18.8 28.2





#41
Methacrylonitrile
Concen: 48.231 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

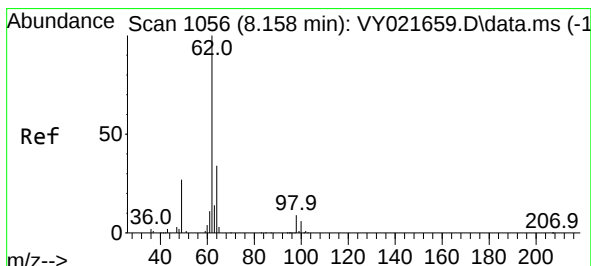
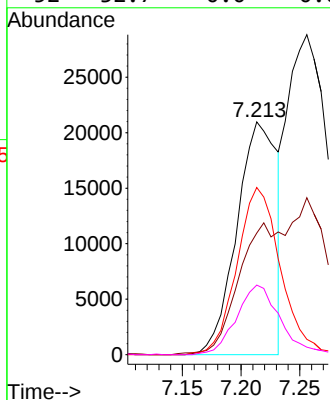
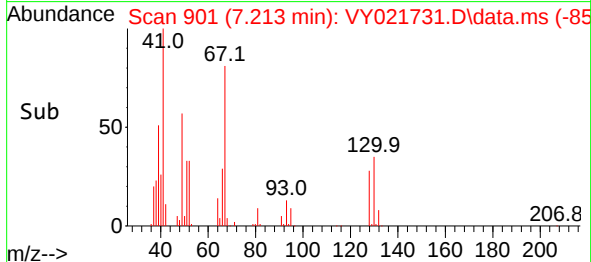
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 4992
Ion Ratio Lower Upper
41 100
39 63.4 0.0 0.0
67 78.5 0.0 0.0
52 32.7 0.0 0.0

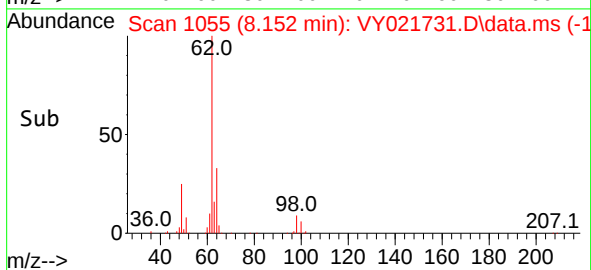
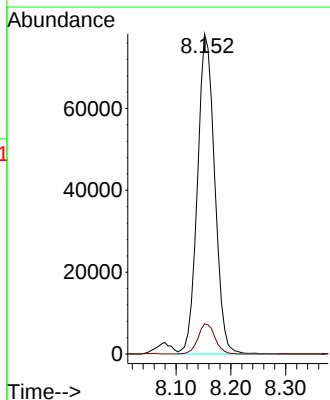
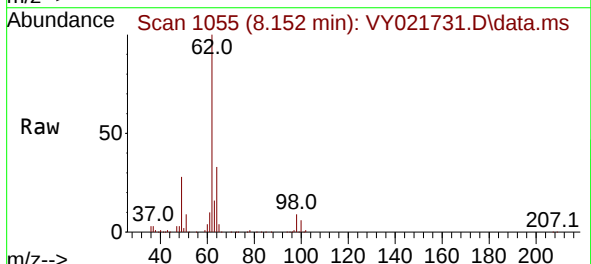
Manual Integrations
APPROVED

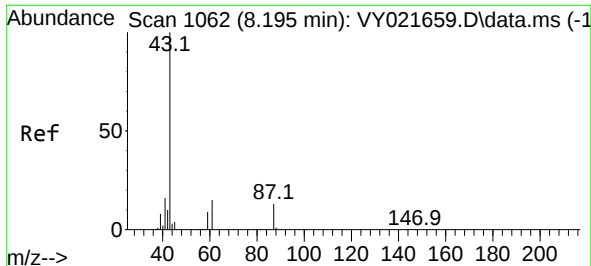
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#42
1,2-Dichloroethane
Concen: 48.971 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Tgt Ion: 62 Resp: 170747
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 48.688 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

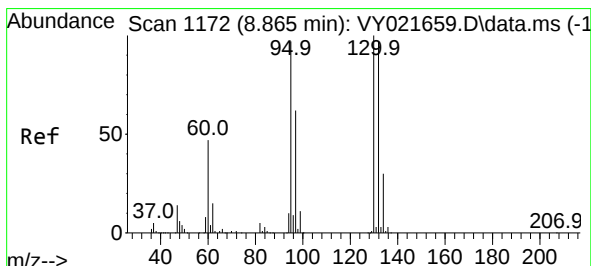
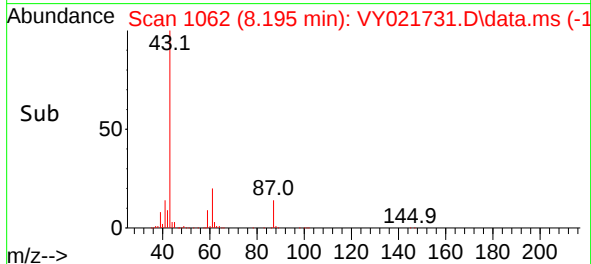
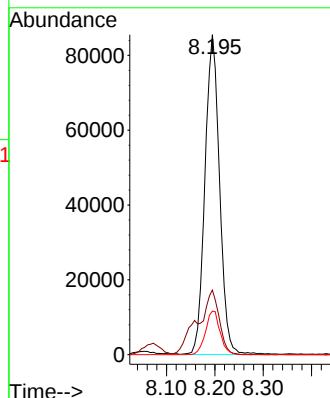
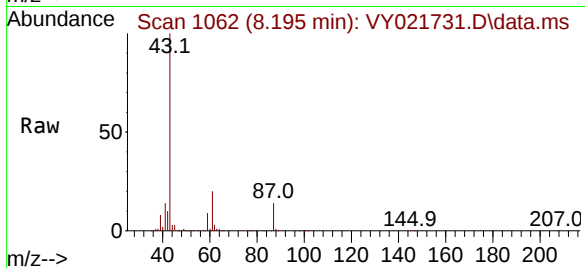
Tgt Ion:	43	Resp:	17983
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.9	23.9
87	13.6	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#44

Trichloroethene

Concen: 51.597 ug/l

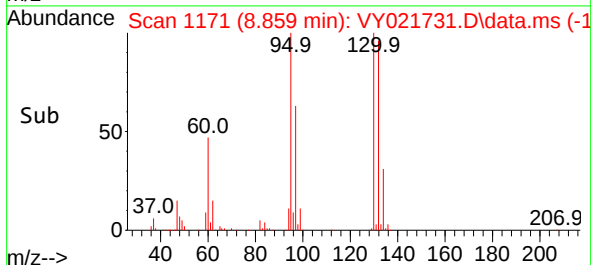
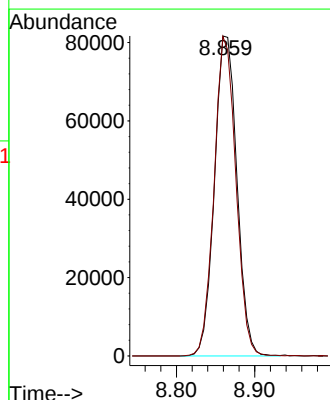
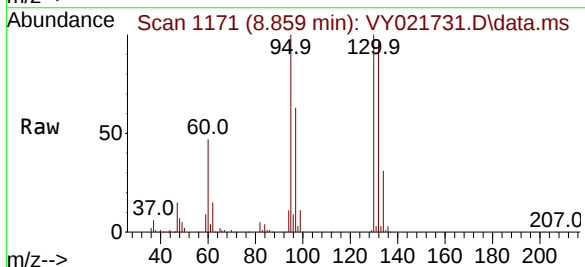
RT: 8.859 min Scan# 1171

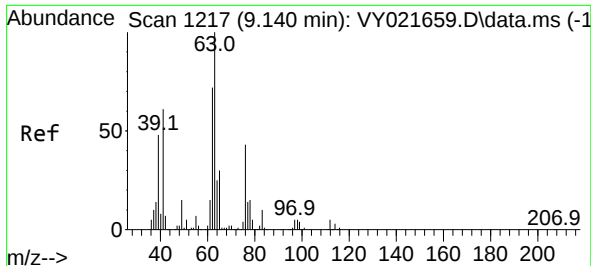
Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Tgt Ion:	130	Resp:	162593
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	194.8





#45

1,2-Dichloropropane

Concen: 50.563 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14802

Ion Ratio Lower Upper

63 100

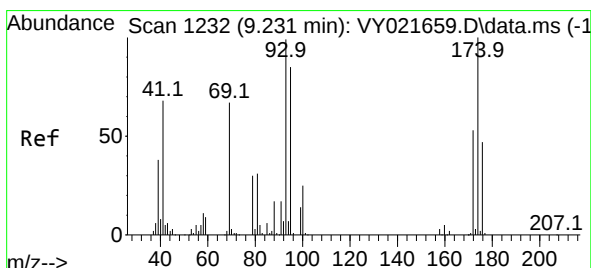
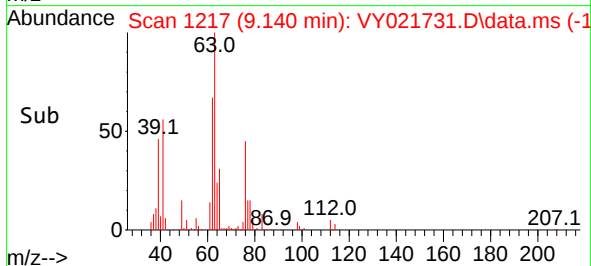
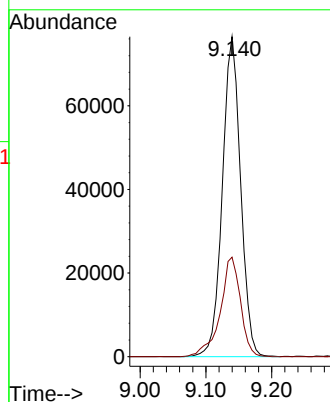
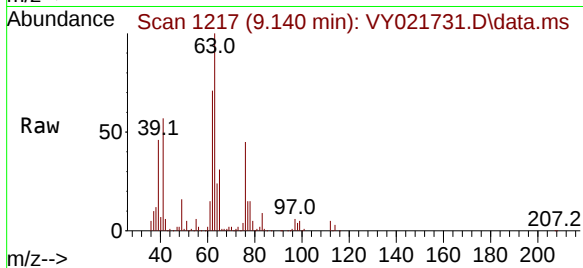
65 31.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#46

Dibromomethane

Concen: 49.889 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

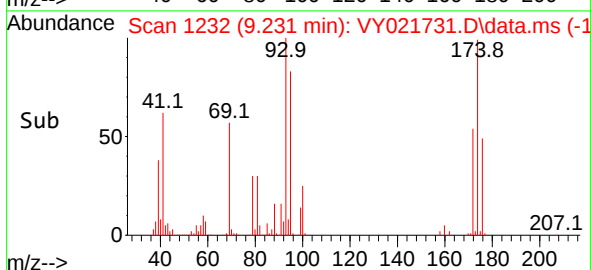
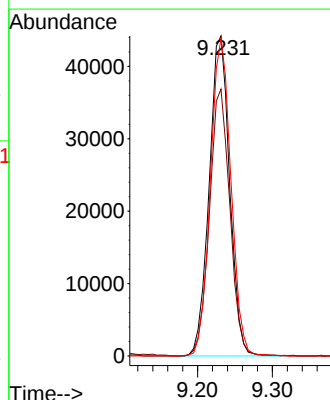
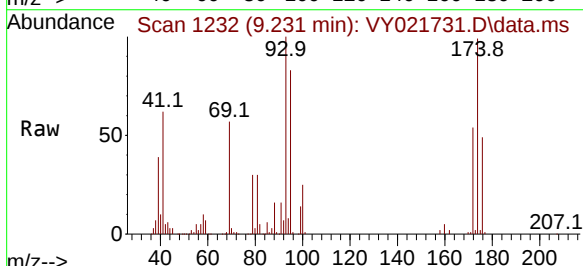
Tgt Ion: 93 Resp: 84173

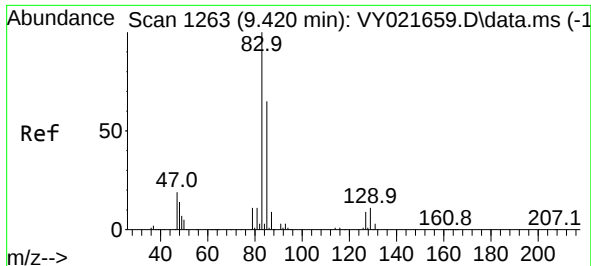
Ion Ratio Lower Upper

93 100

95 83.2 68.1 102.1

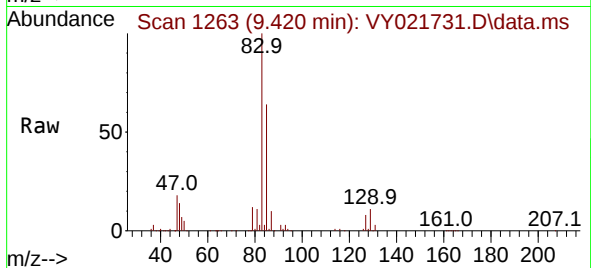
174 99.7 80.9 121.3





#47
Bromodichloromethane
Concen: 50.556 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

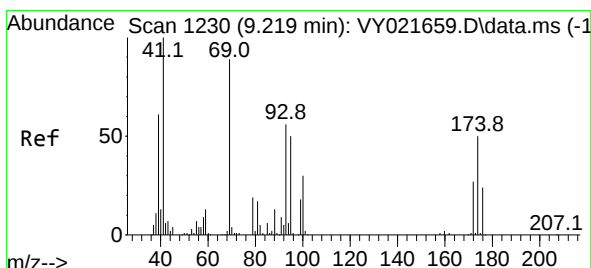
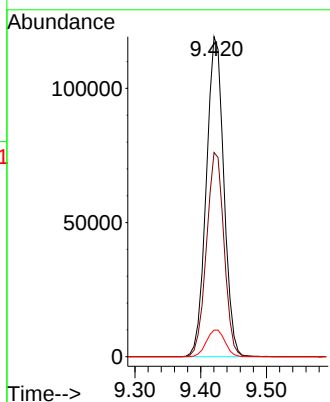
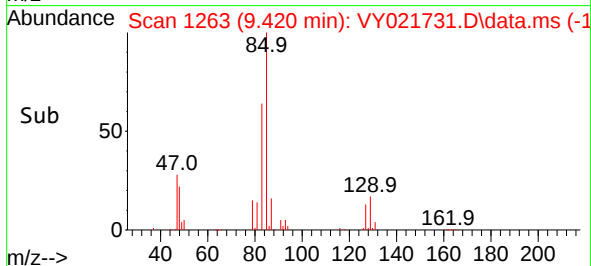
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



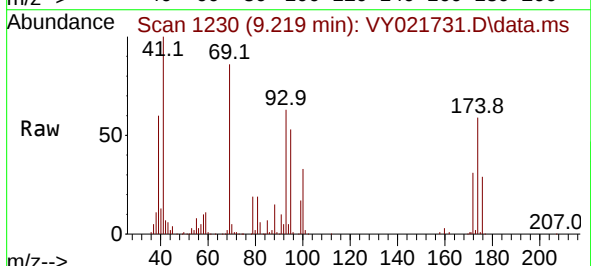
Tgt Ion: 83 Resp: 221020
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6
127 8.3 6.8 10.2

Manual Integrations
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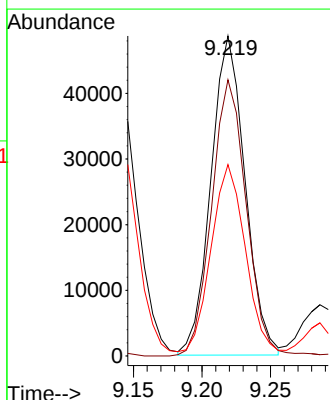
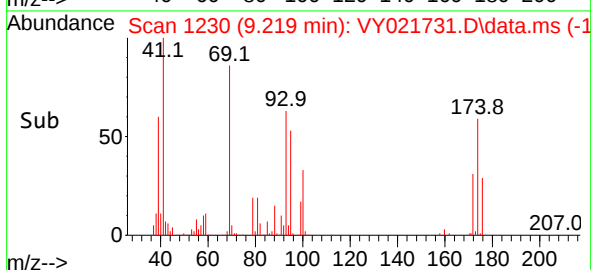
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

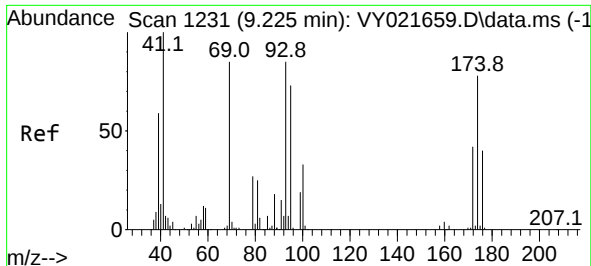


#48
Methyl methacrylate
Concen: 49.779 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



Tgt Ion: 41 Resp: 84385
Ion Ratio Lower Upper
41 100
69 88.6 69.8 104.8
39 58.2 47.2 70.8





#49

1,4-Dioxane

Concen: 1019.727 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

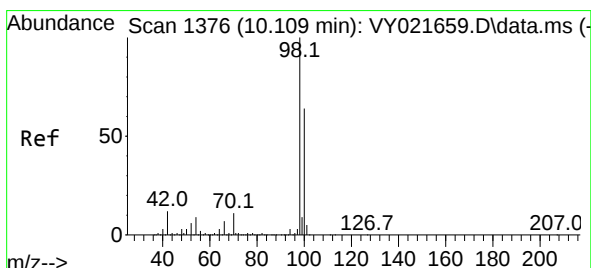
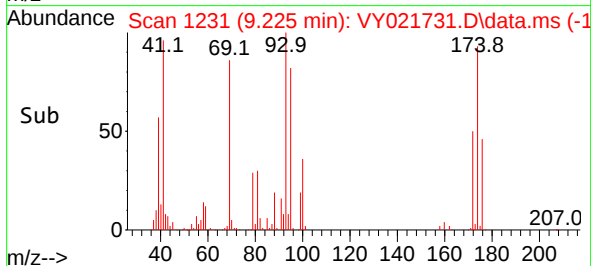
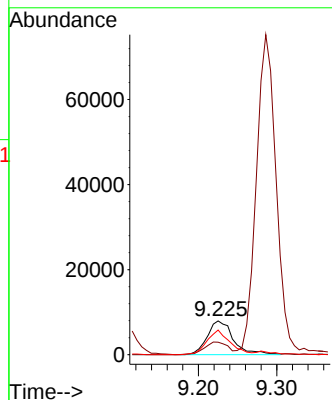
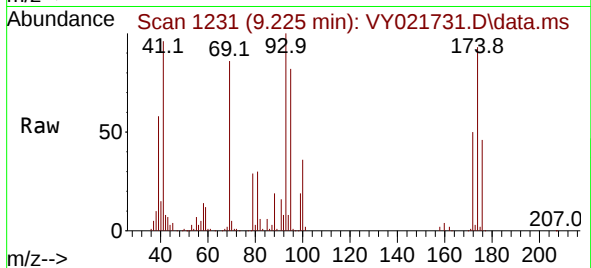
Tgt Ion: 88	Resp: 1843
Ion Ratio	Lower Upper
88 100	
43 33.1	28.8 43.2
58 64.4	59.4 89.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#50

Toluene-d8

Concen: 49.740 ug/l

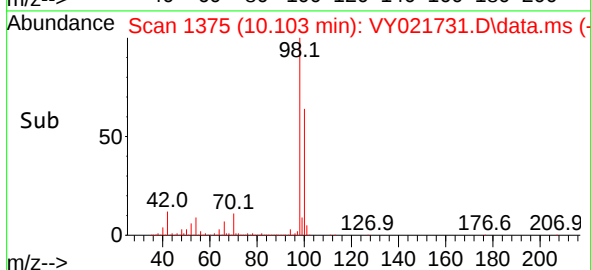
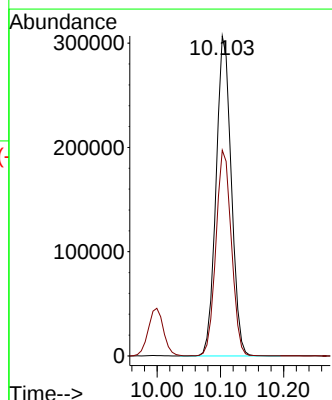
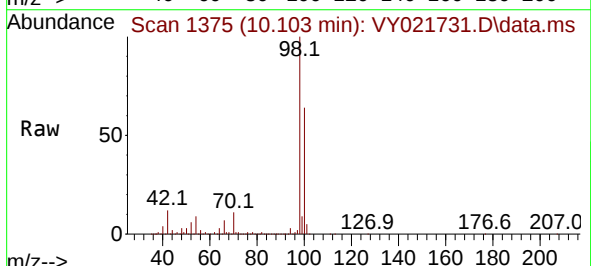
RT: 10.103 min Scan# 1375

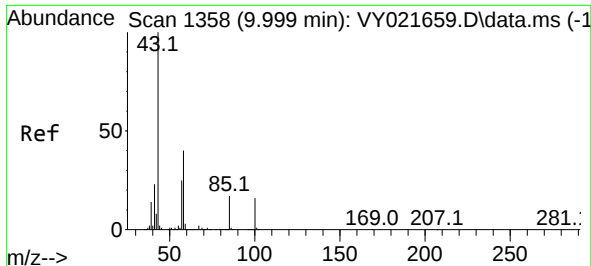
Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Tgt Ion: 98	Resp: 513066
Ion Ratio	Lower Upper
98 100	
100 65.4	52.1 78.1





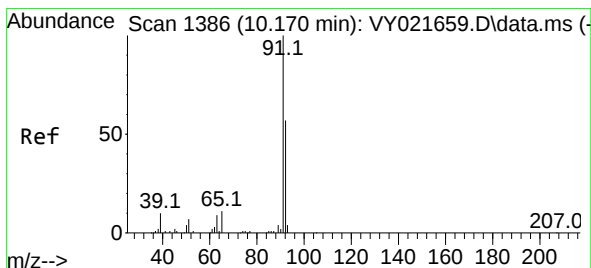
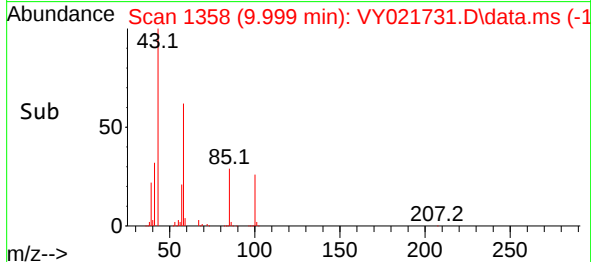
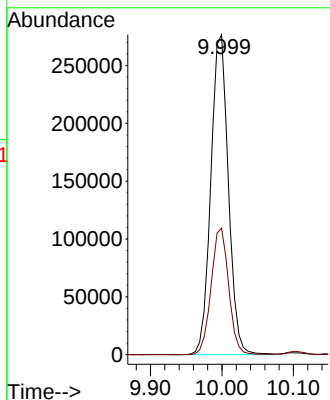
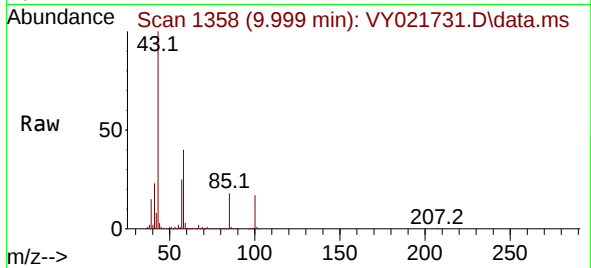
#51
4-Methyl-2-Pentanone
Concen: 244.928 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47078
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3

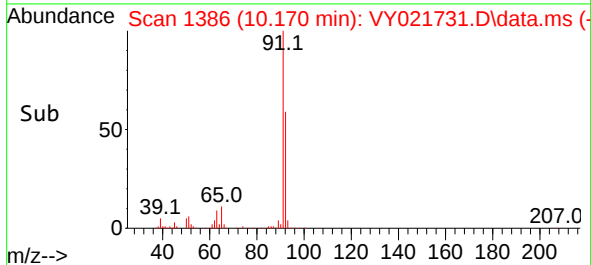
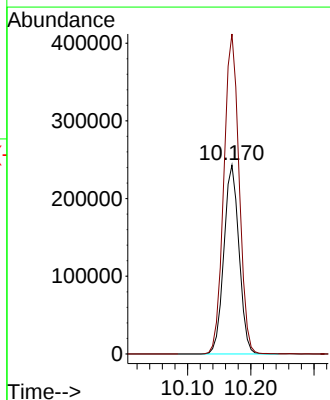
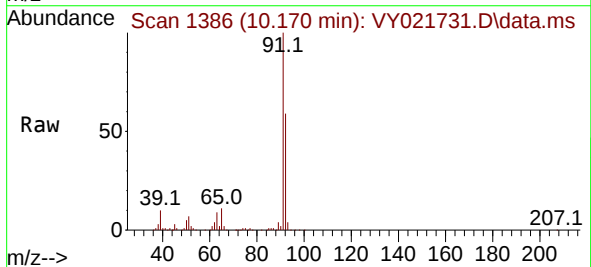
Manual Integrations
APPROVED

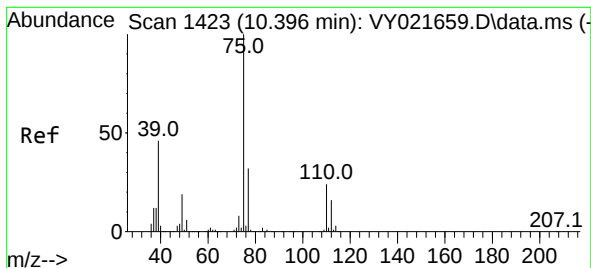
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#52
Toluene
Concen: 52.098 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

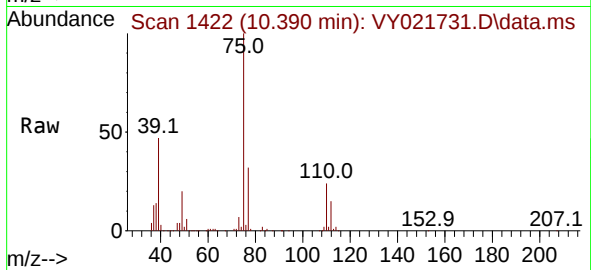
Tgt Ion: 92 Resp: 402014
Ion Ratio Lower Upper
92 100
91 171.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.562 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

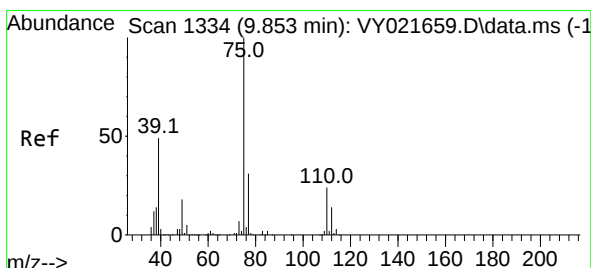
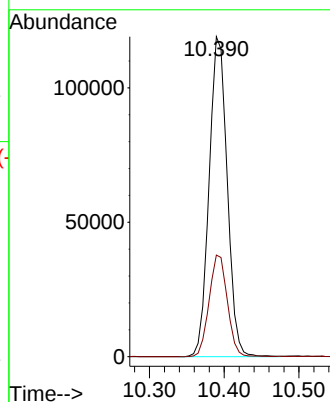
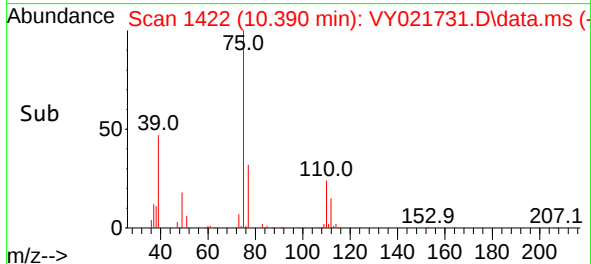
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



Tgt Ion: 75 Resp: 200228
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

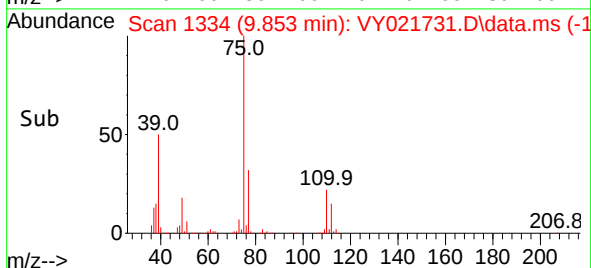
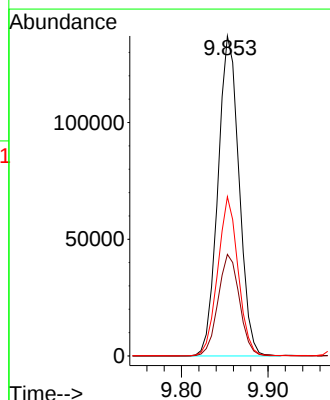
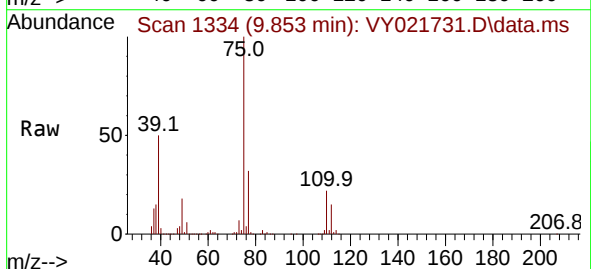
Manual Integrations
APPROVED

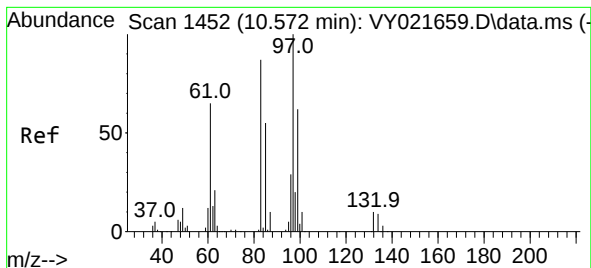
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#54
cis-1,3-Dichloropropene
Concen: 50.675 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

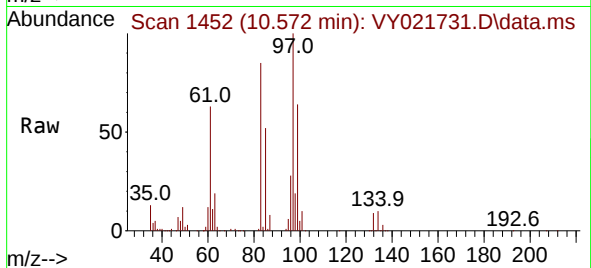
Tgt Ion: 75 Resp: 232150
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3
39 49.7 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 51.351 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

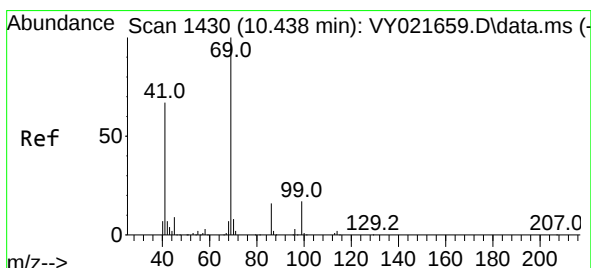
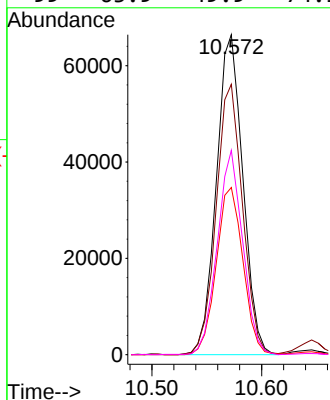
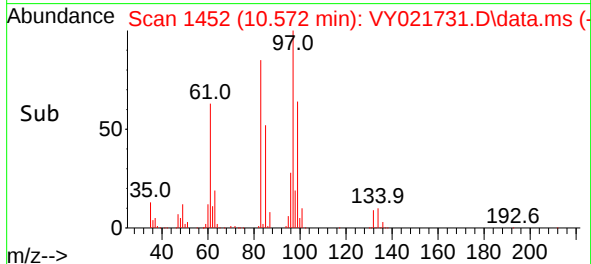
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



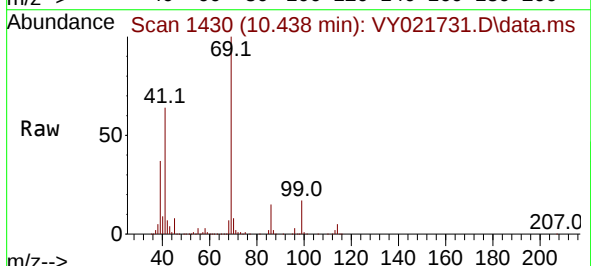
Tgt Ion: 97 Resp: 111490
Ion Ratio Lower Upper
97 100
83 84.5 69.5 104.3
85 52.2 43.9 65.9
99 63.9 49.9 74.9

Manual Integrations
APPROVED

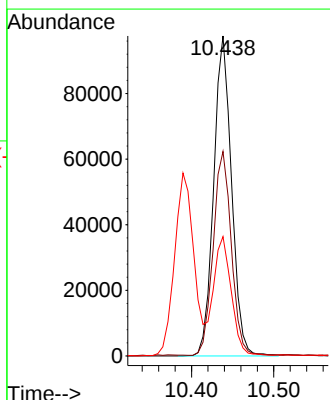
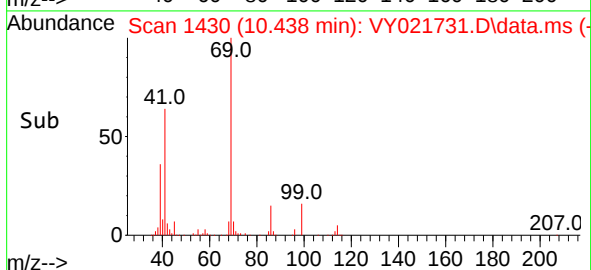
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

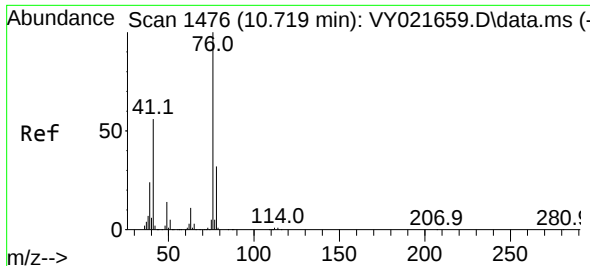


#56
Ethyl methacrylate
Concen: 53.145 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



Tgt Ion: 69 Resp: 147342
Ion Ratio Lower Upper
69 100
41 64.8 53.8 80.6
39 37.5 29.6 44.4





#57

1,3-Dichloropropane

Concen: 50.545 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 18953

Ion Ratio Lower Upper

76 100

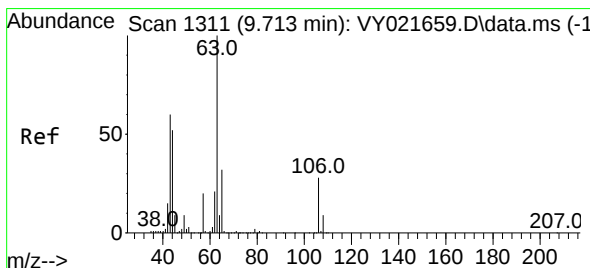
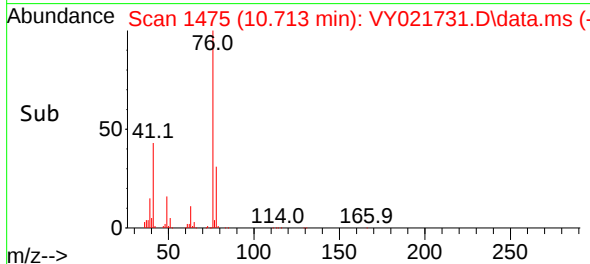
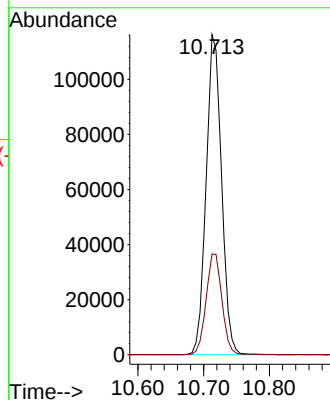
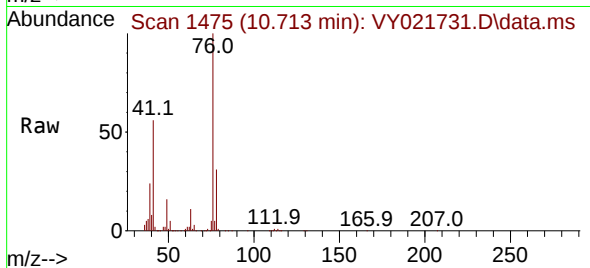
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 261.293 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021731.D

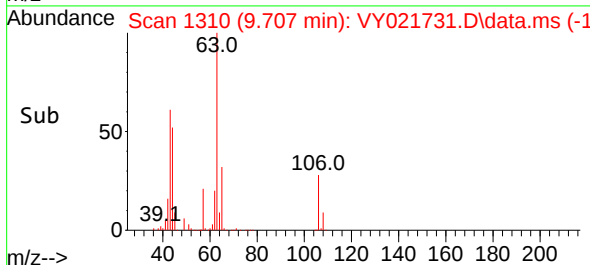
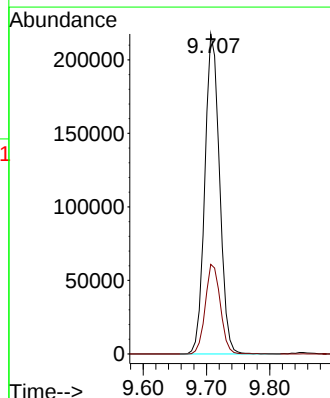
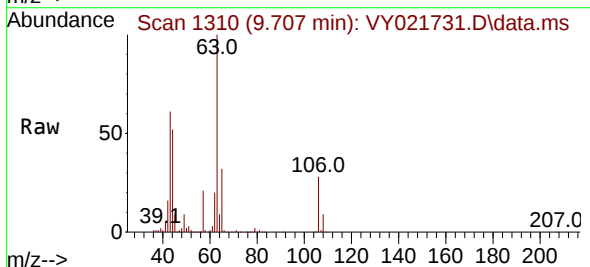
Acq: 01 Apr 2025 10:13

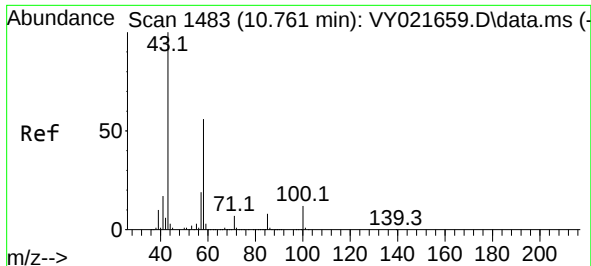
Tgt Ion: 63 Resp: 353396

Ion Ratio Lower Upper

63 100

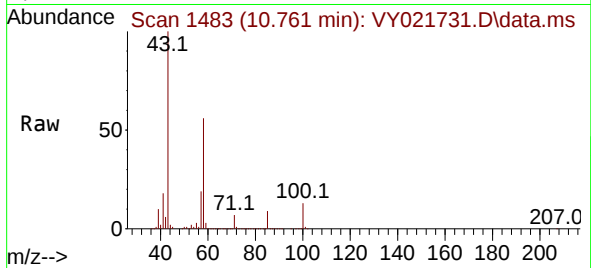
106 28.6 22.4 33.6





#59
2-Hexanone
Concen: 242.897 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

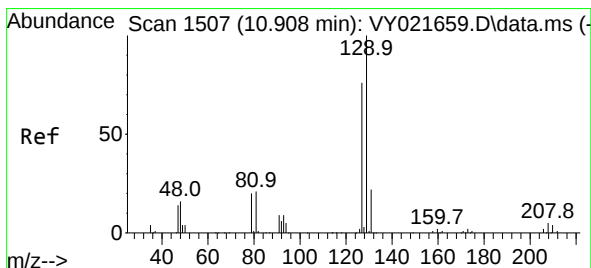
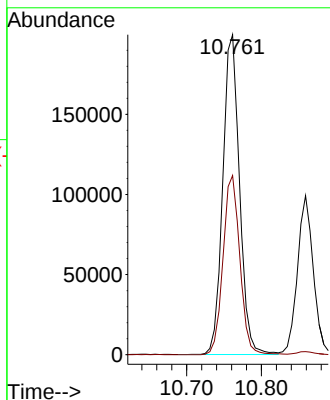
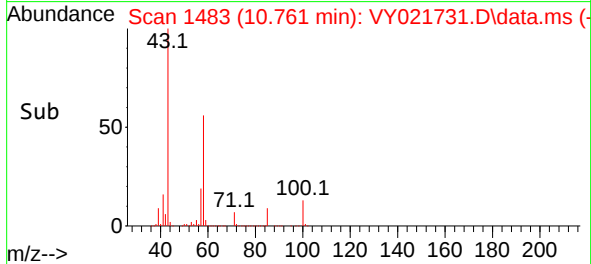
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 310930
Ion Ratio Lower Upper
43 100
58 56.2 27.2 81.5

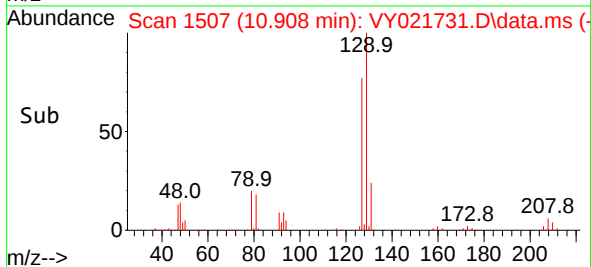
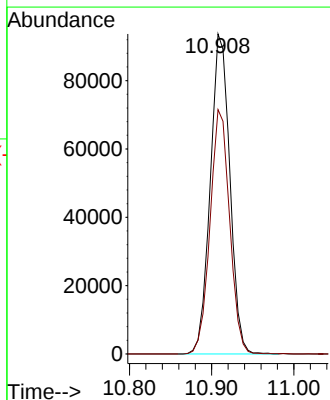
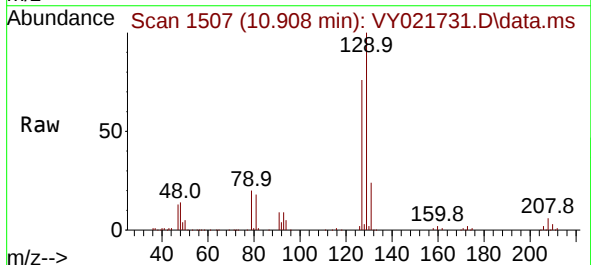
Manual Integrations
APPROVED

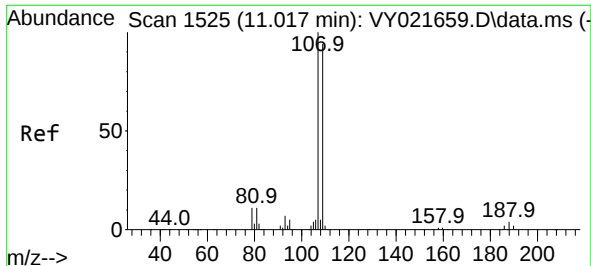
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#60
Dibromochloromethane
Concen: 52.056 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

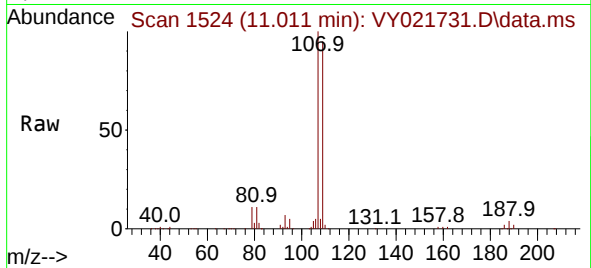
Tgt Ion:129 Resp: 154318
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 51.510 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

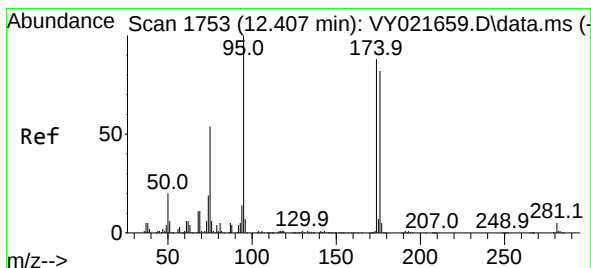
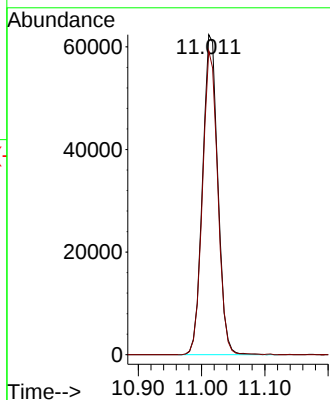
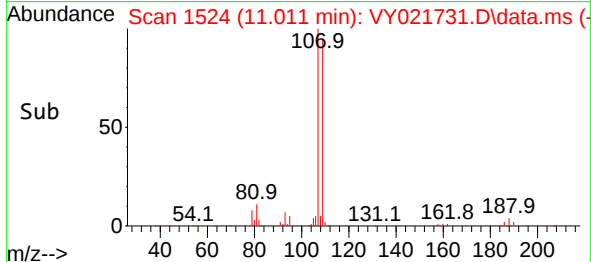
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 104915
Ion Ratio Lower Upper
107 100
109 94.8 74.4 111.6

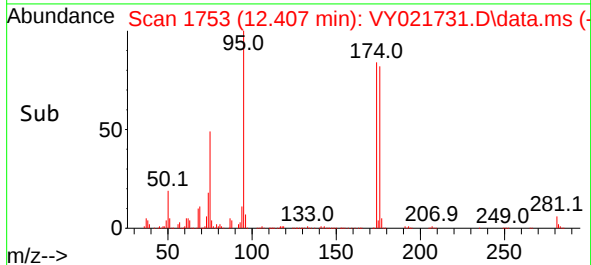
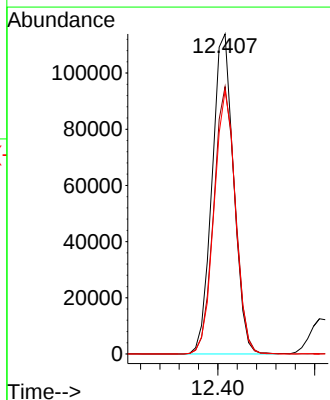
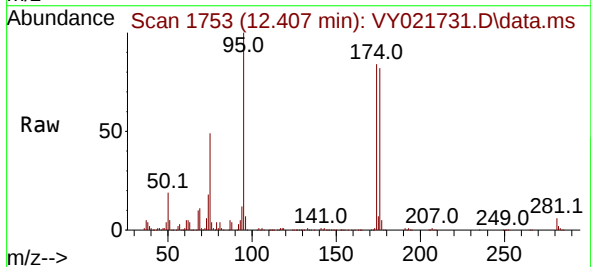
Manual Integrations
APPROVED

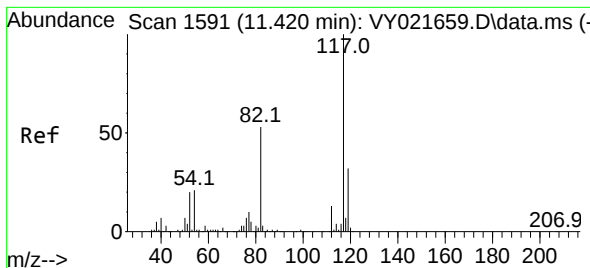
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 50.479 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Tgt Ion: 95 Resp: 176122
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 81.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY021731.D

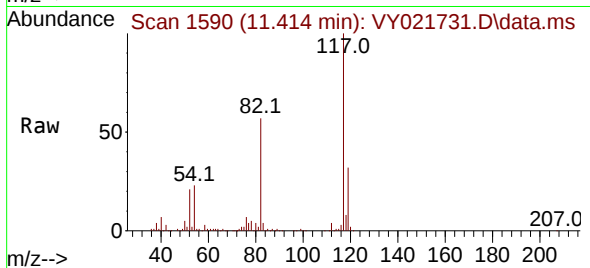
Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 368359

Ion Ratio Lower Upper

117 100

82 57.4 42.8 64.2

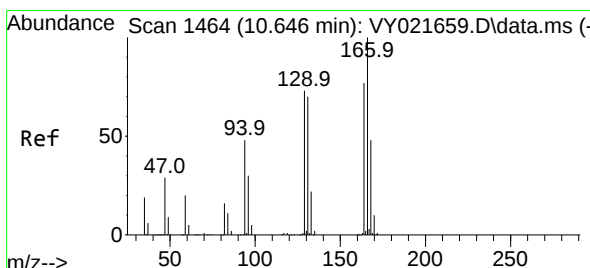
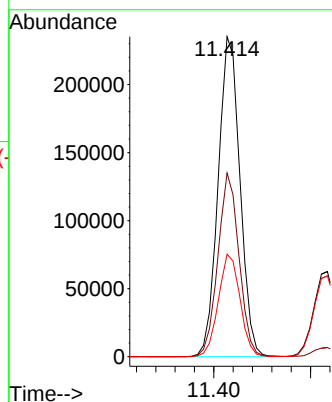
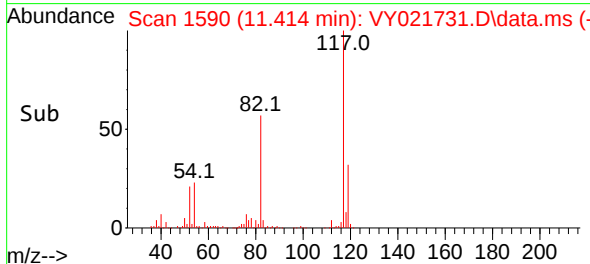
119 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#64

Tetrachloroethene

Concen: 51.108 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Tgt Ion:164 Resp: 171463

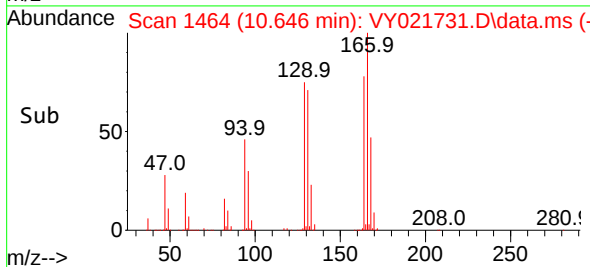
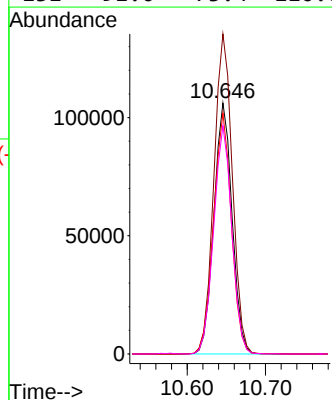
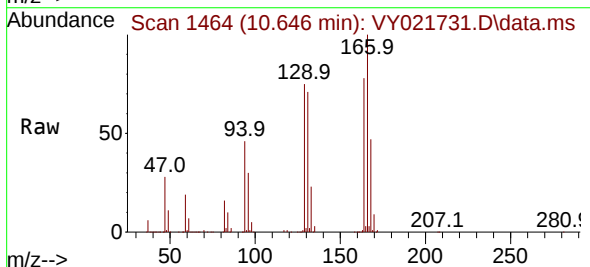
Ion Ratio Lower Upper

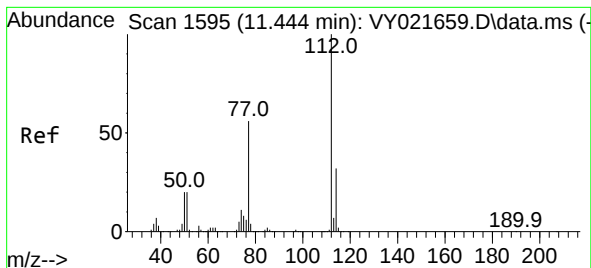
164 100

166 127.6 104.6 156.8

129 96.1 76.6 114.8

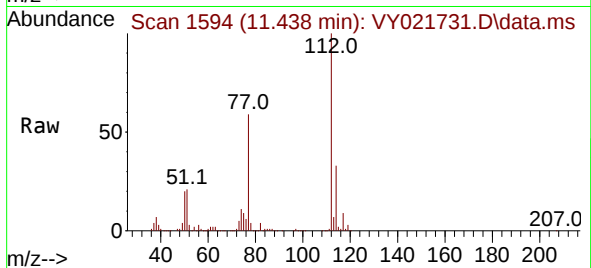
131 91.0 73.4 110.0





#65
Chlorobenzene
Concen: 50.741 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

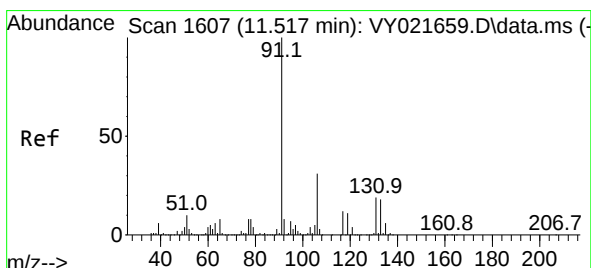
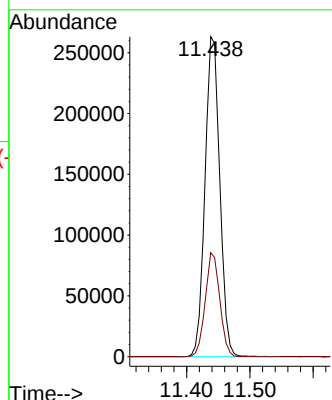
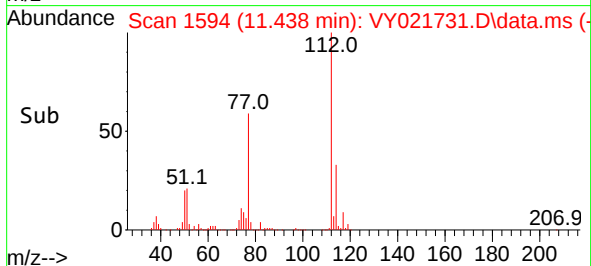
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



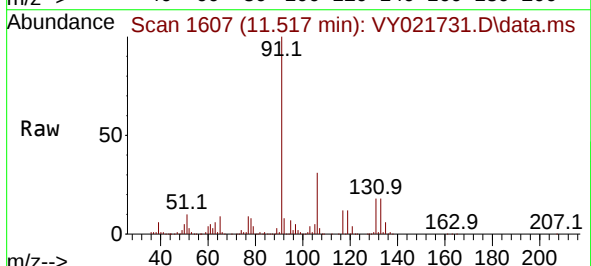
Tgt Ion:112 Resp: 42845
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9

Manual Integrations
APPROVED

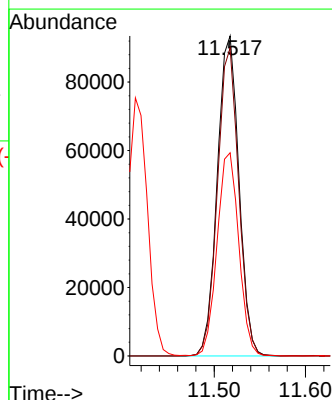
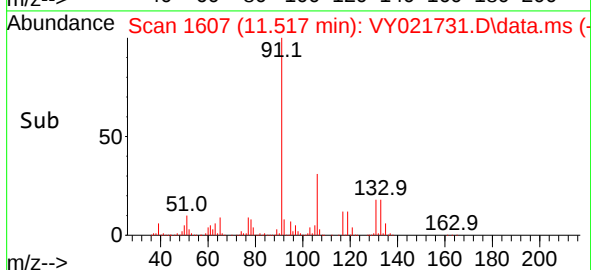
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

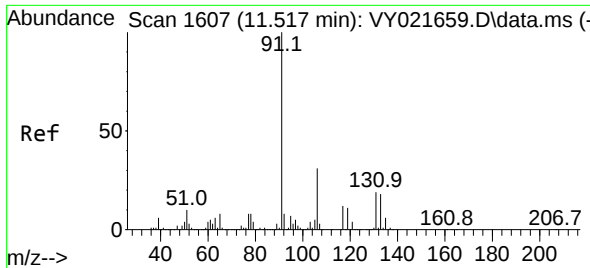


#66
1,1,1,2-Tetrachloroethane
Concen: 51.410 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



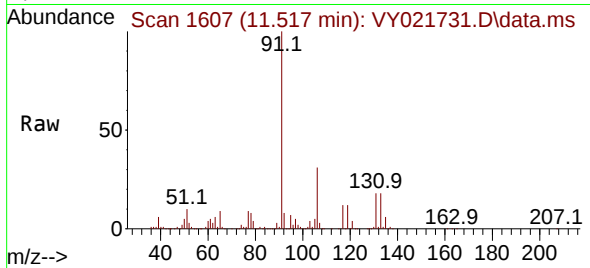
Tgt Ion:131 Resp: 154021
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.8
119 63.8 31.6 95.0





#67
Ethyl Benzene
Concen: 52.616 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

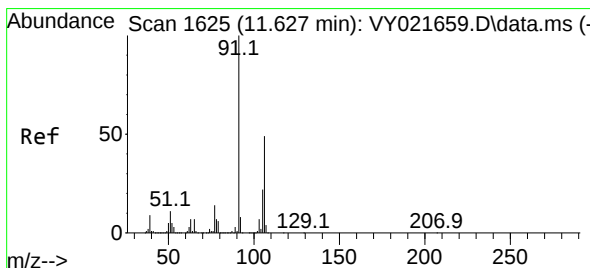
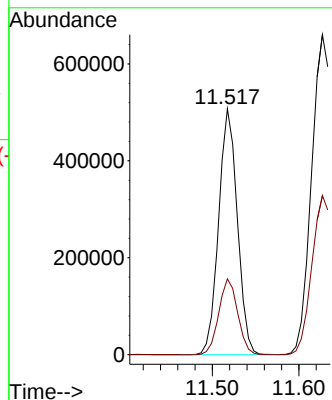
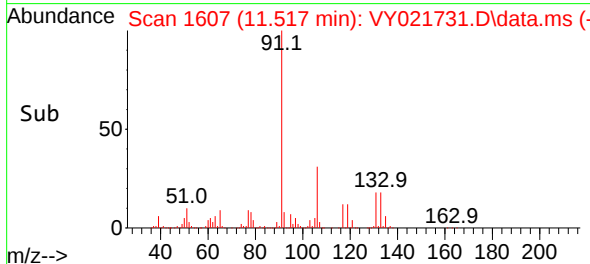
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 76186
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

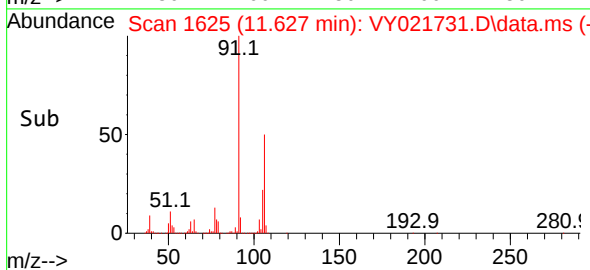
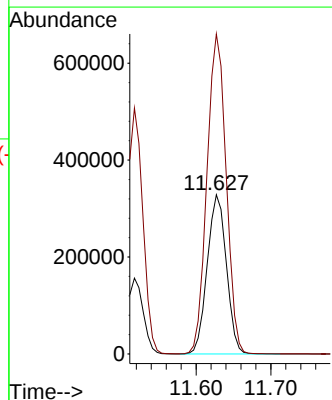
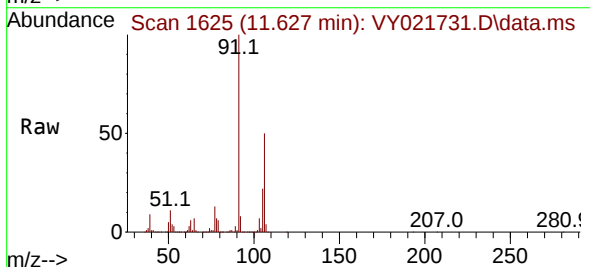
Manual Integrations
APPROVED

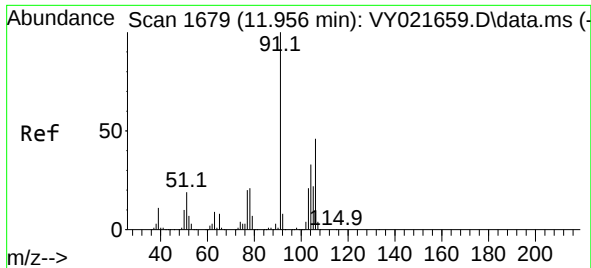
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#68
m/p-Xylenes
Concen: 105.148 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

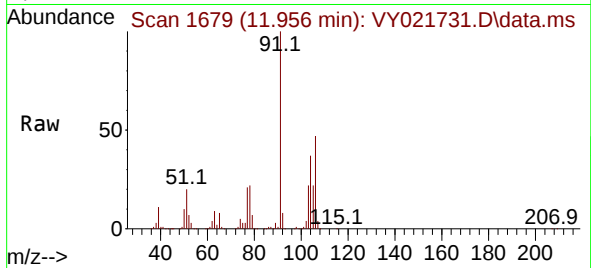
Tgt Ion:106 Resp: 583007
Ion Ratio Lower Upper
106 100
91 201.7 162.4 243.6





#69
o-Xylene
Concen: 53.570 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

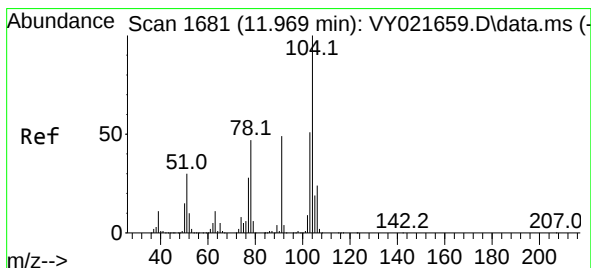
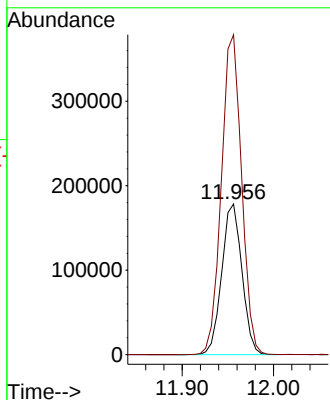
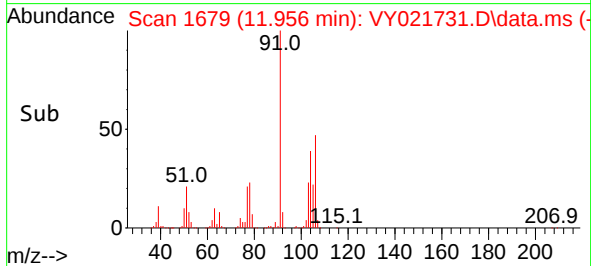
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 27418
Ion Ratio Lower Upper
106 100
91 212.6 106.7 319.9

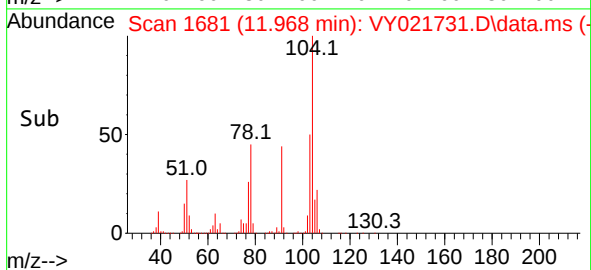
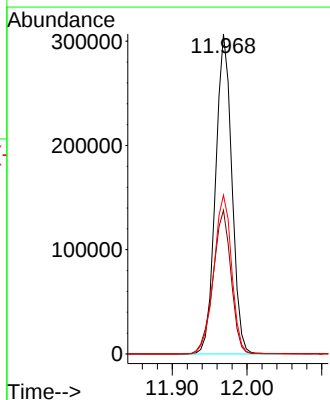
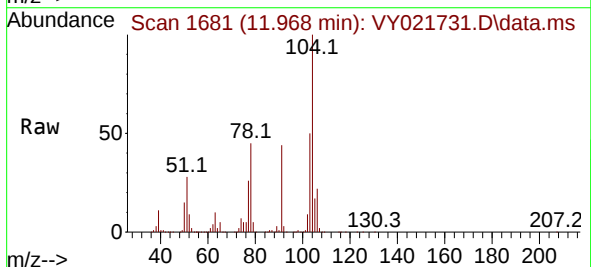
Manual Integrations
APPROVED

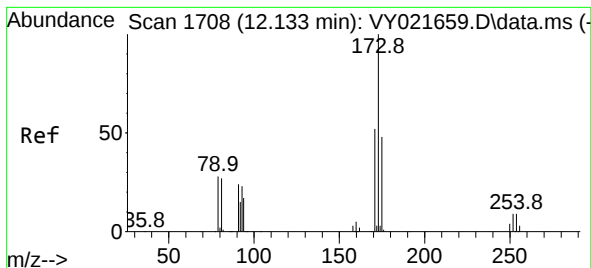
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#70
Styrene
Concen: 54.619 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Tgt Ion:104 Resp: 466097
Ion Ratio Lower Upper
104 100
78 49.5 40.8 61.2
103 54.3 44.2 66.2





#71

Bromoform

Concen: 51.793 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

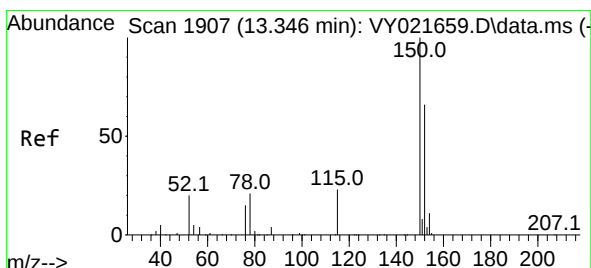
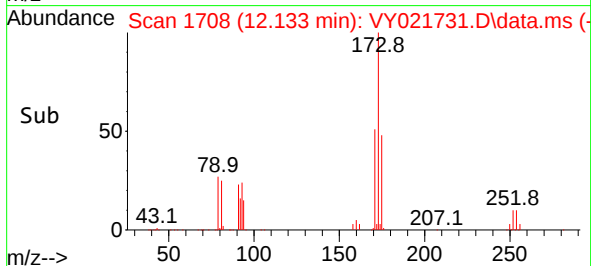
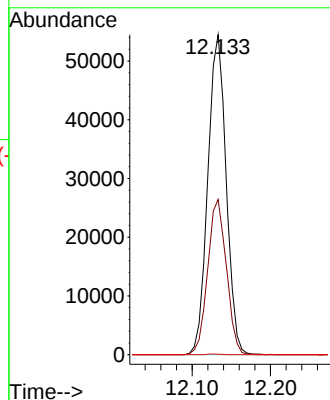
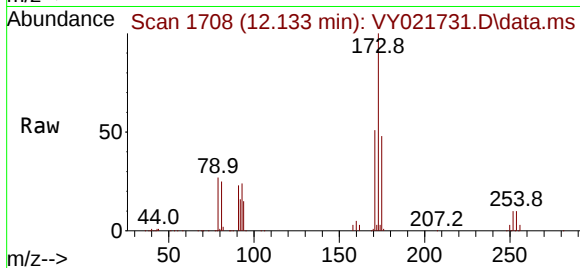
Tgt Ion:	173	Resp:	8851
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.3	73.0
254	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

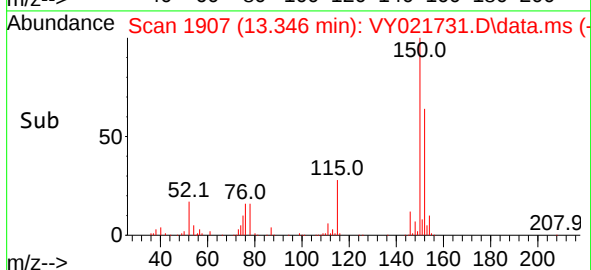
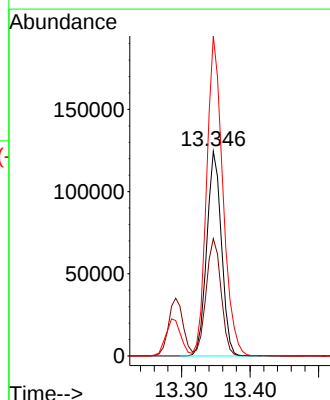
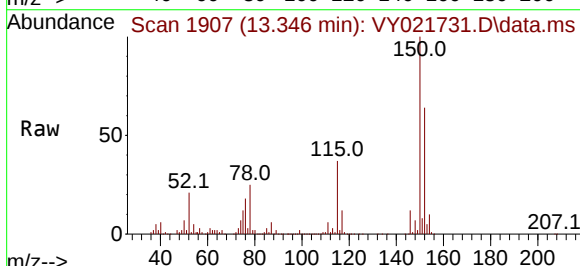
RT: 13.346 min Scan# 1907

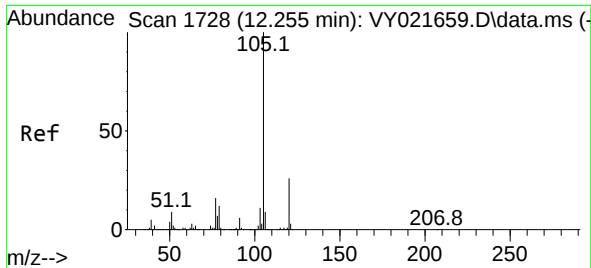
Delta R.T. -0.000 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

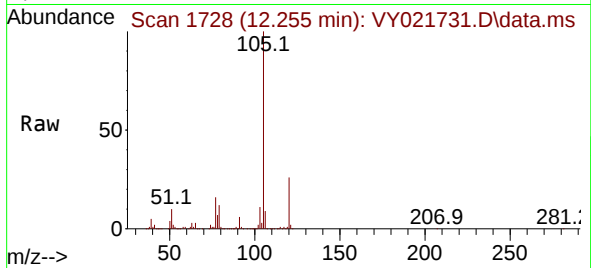
Tgt Ion:	152	Resp:	185609
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.8	86.5
150	172.3	0.0	348.4





#73
Isopropylbenzene
Concen: 52.872 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

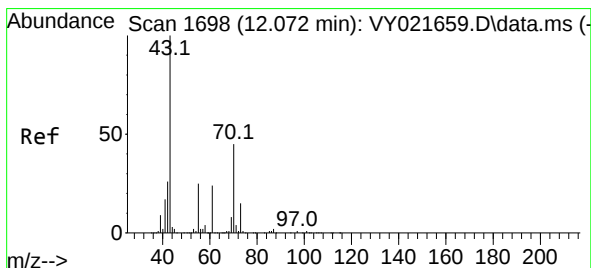
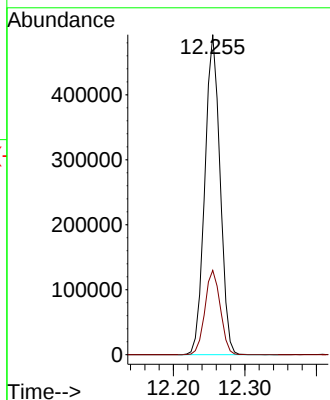
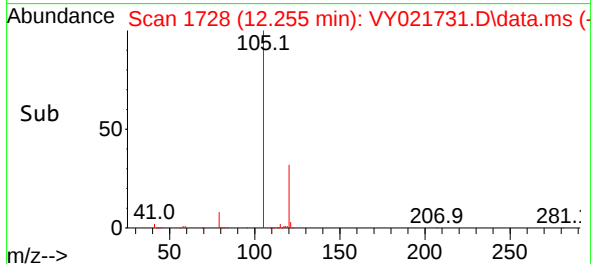
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



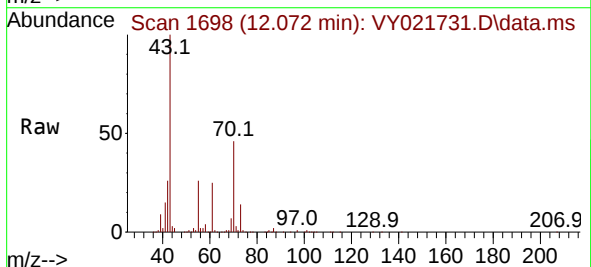
Tgt Ion:105 Resp: 728894
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

Manual Integrations
APPROVED

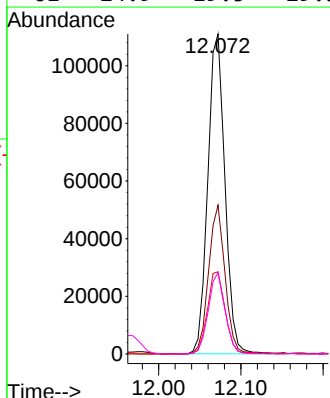
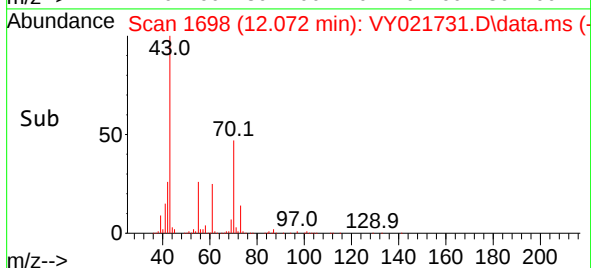
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

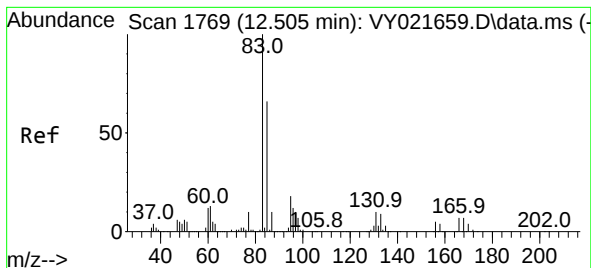


#74
N-ethyl acetate
Concen: 49.600 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



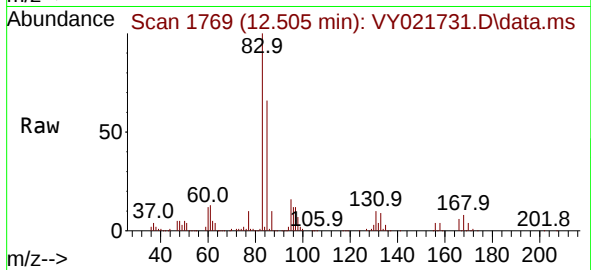
Tgt Ion: 43 Resp: 160475
Ion Ratio Lower Upper
43 100
70 44.9 34.7 52.1
55 26.9 21.2 31.8
61 24.9 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 48.393 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

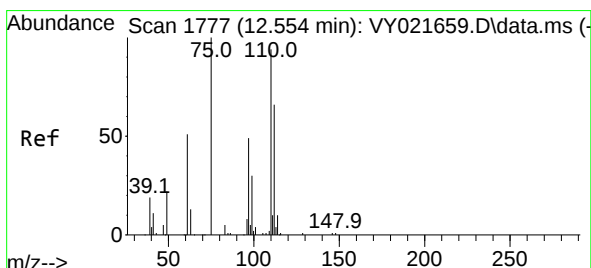
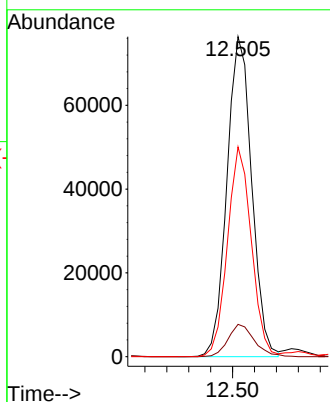
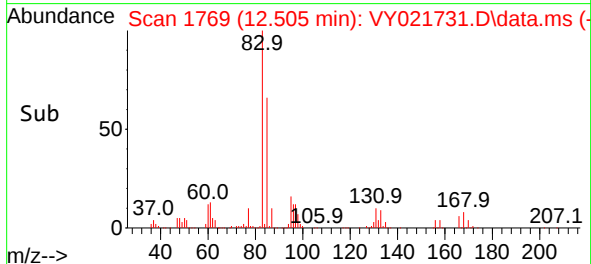
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 119944
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 63.2 32.3 96.8

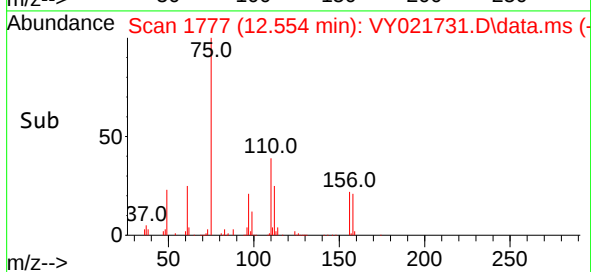
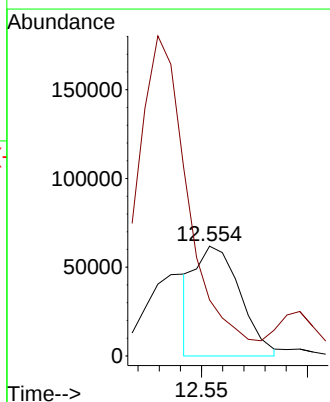
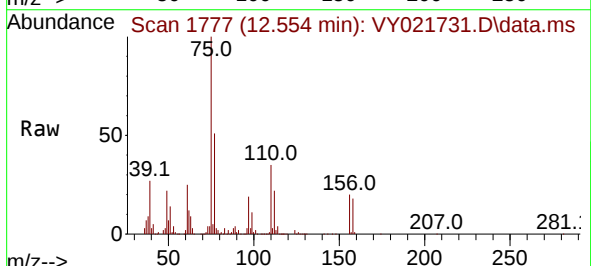
Manual Integrations
APPROVED

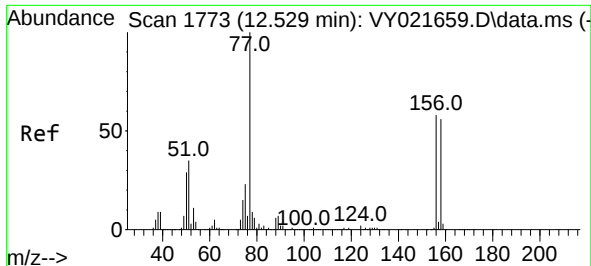
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#76
1,2,3-Trichloropropane
Concen: 49.498 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

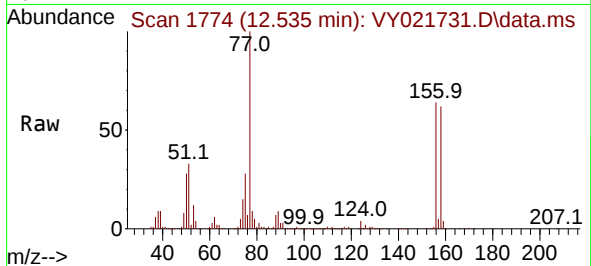
Tgt Ion: 75 Resp: 91070
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.092 ug/l
RT: 12.535 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

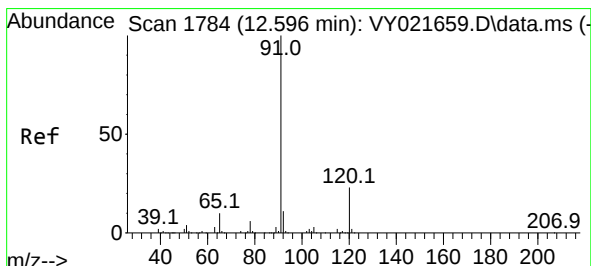
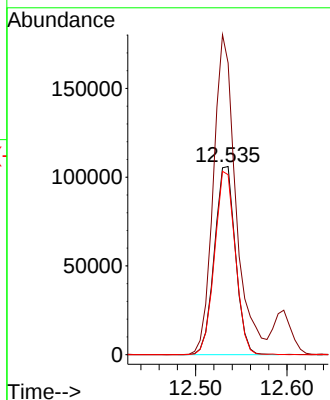
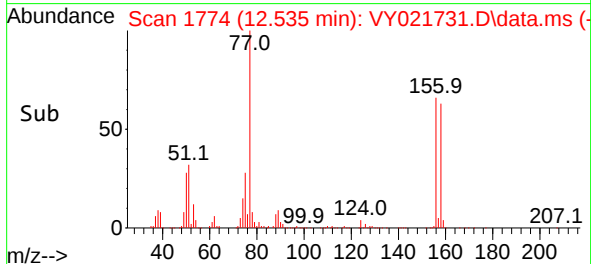
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



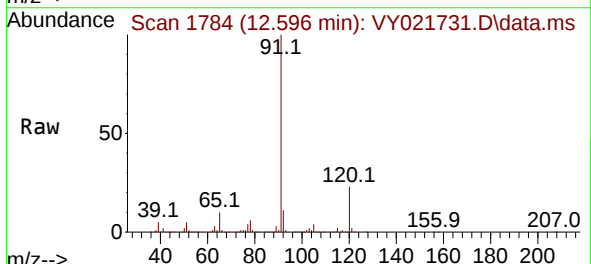
Tgt Ion: 156 Resp: 16911
Ion Ratio Lower Upper
156 100
77 182.9 92.8 278.3
158 96.9 48.5 145.6

Manual Integrations
APPROVED

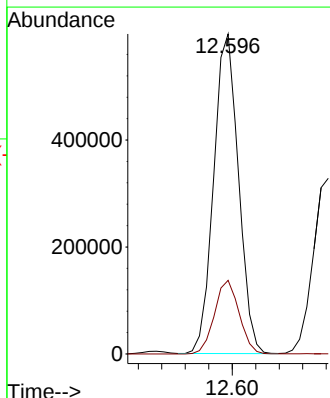
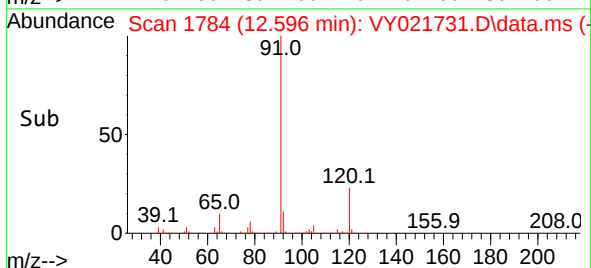
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

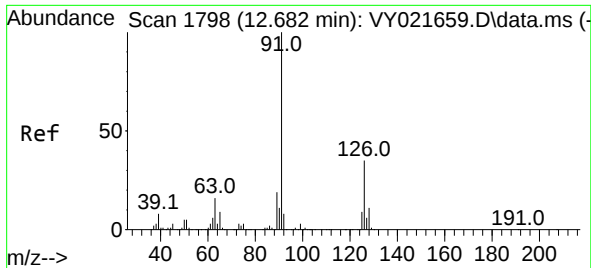


#78
n-propylbenzene
Concen: 52.863 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



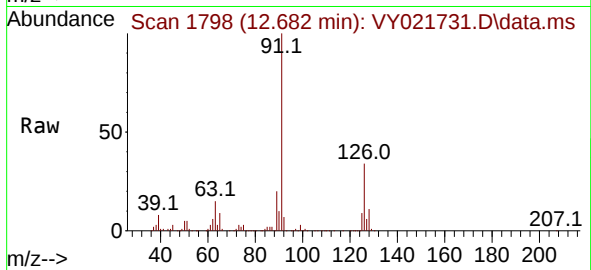
Tgt Ion: 91 Resp: 876144
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79
2-Chlorotoluene
Concen: 51.750 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

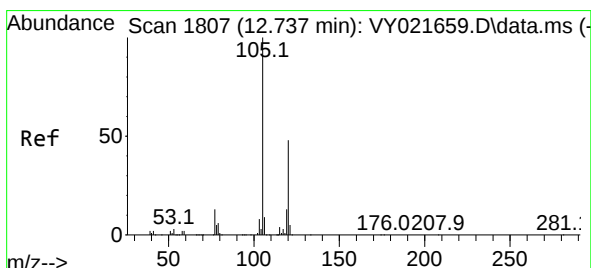
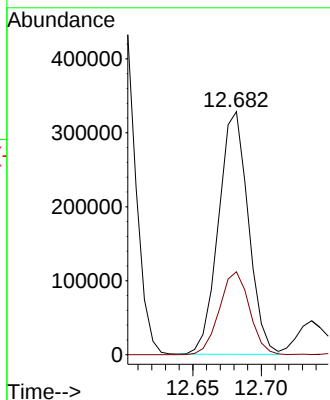
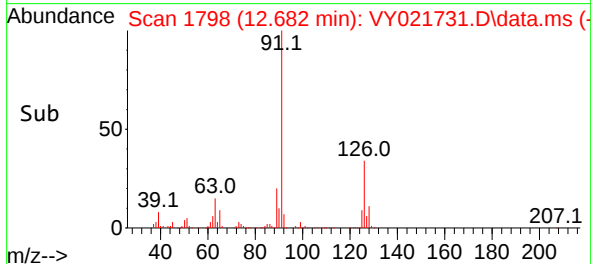
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



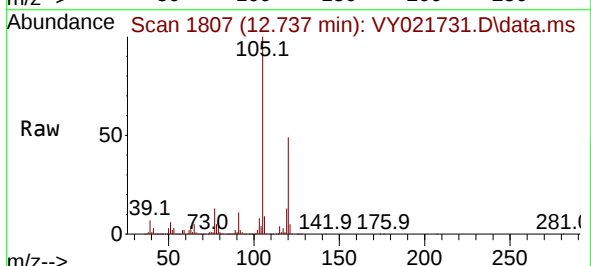
Tgt Ion: 91 Resp: 49817
Ion Ratio Lower Upper
91 100
126 34.5 17.3 52.0

Manual Integrations
APPROVED

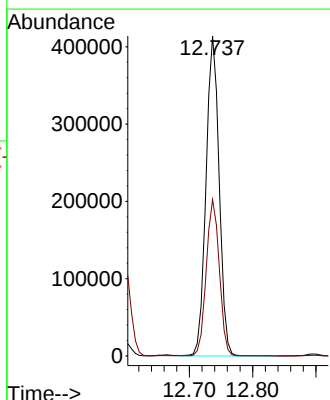
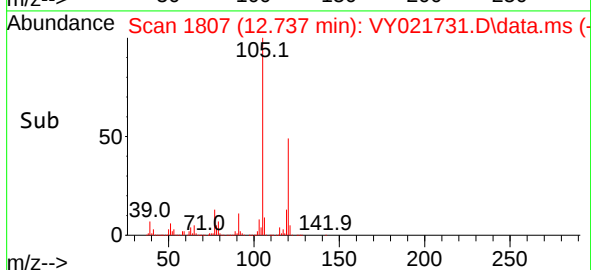
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

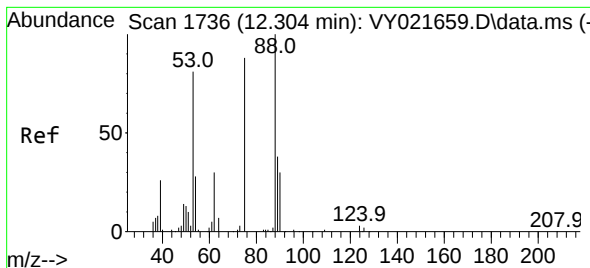


#80
1,3,5-Trimethylbenzene
Concen: 53.071 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



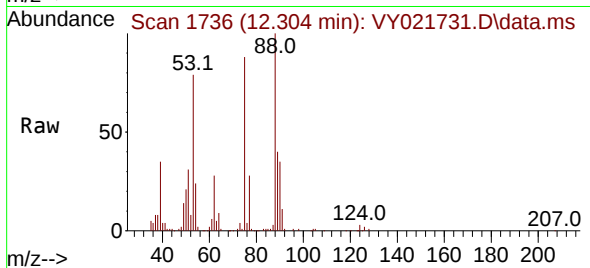
Tgt Ion:105 Resp: 597954
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 50.188 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

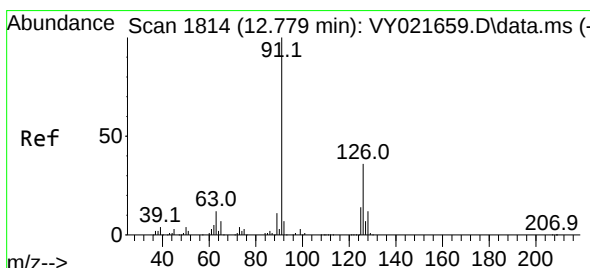
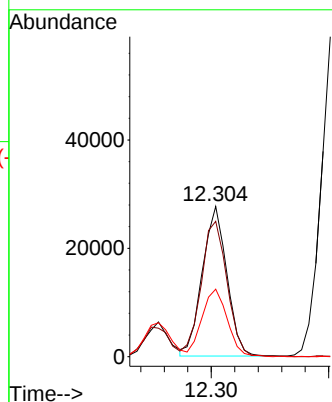
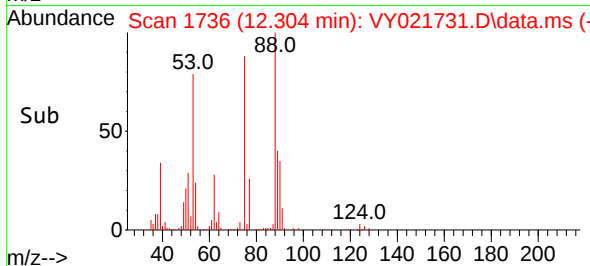
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



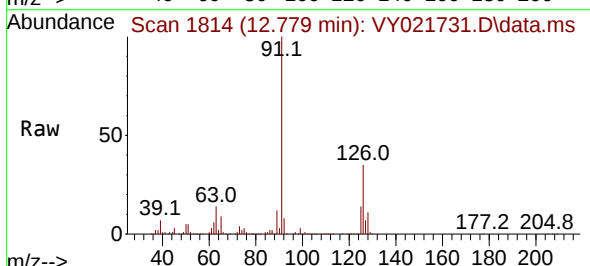
Tgt Ion: 75 Resp: 40075
Ion Ratio Lower Upper
75 100
53 96.3 76.1 114.1
89 46.6 36.2 54.4

Manual Integrations
APPROVED

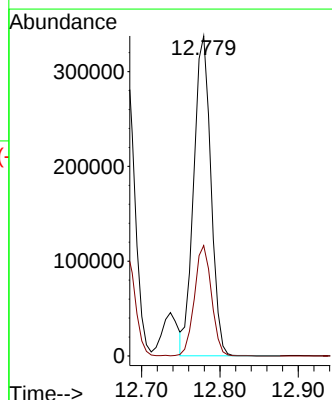
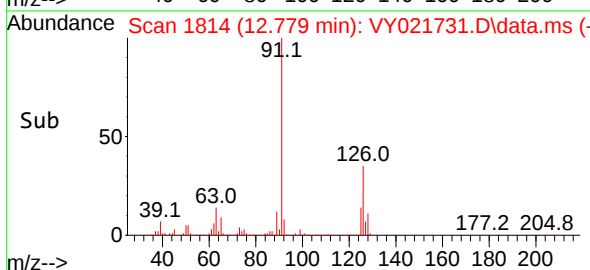
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

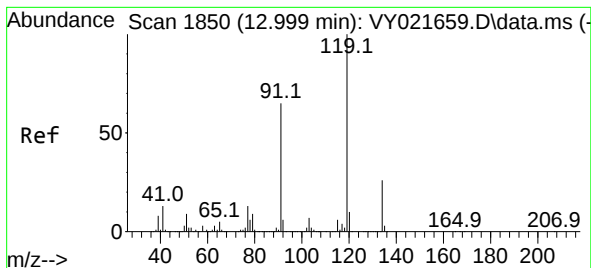


#82
4-Chlorotoluene
Concen: 51.186 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



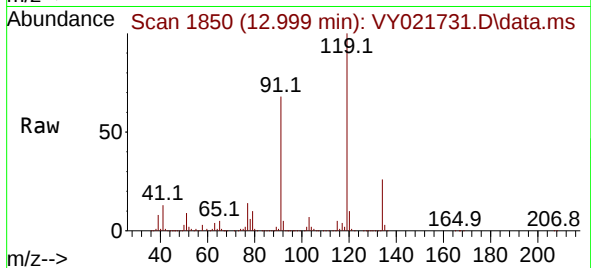
Tgt Ion: 91 Resp: 513706
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9





#83
tert-Butylbenzene
Concen: 53.141 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

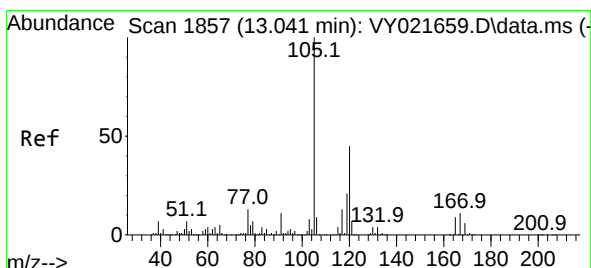
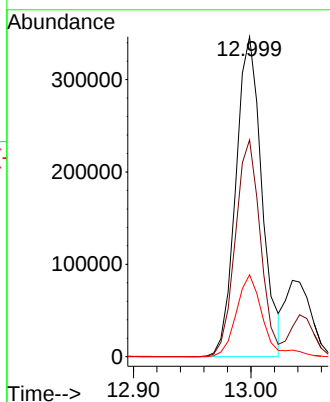
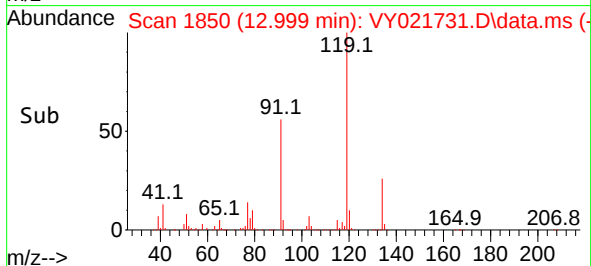
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



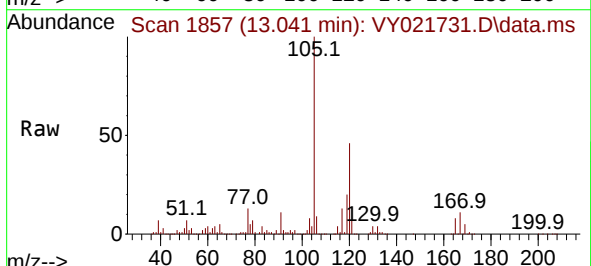
Tgt Ion:119 Resp: 533297
Ion Ratio Lower Upper
119 100
91 65.0 32.6 97.7
134 26.2 13.2 39.6

Manual Integrations
APPROVED

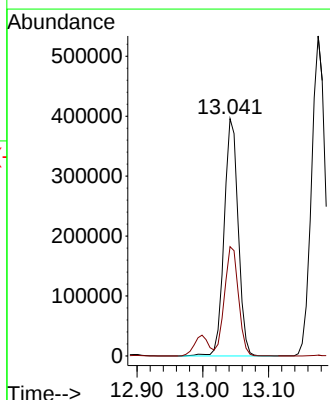
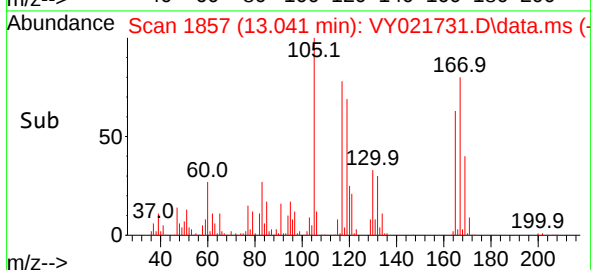
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

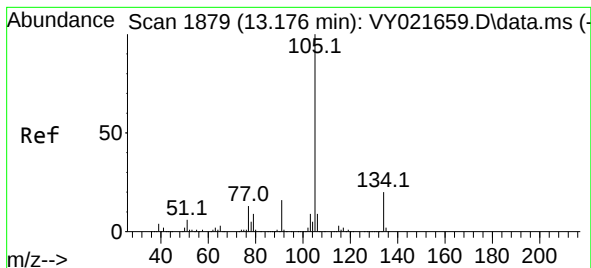


#84
1,2,4-Trimethylbenzene
Concen: 52.796 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



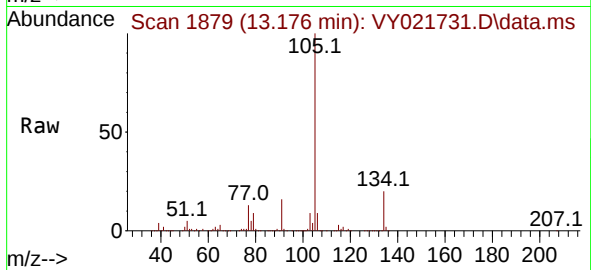
Tgt Ion:105 Resp: 587932
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 53.059 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY021731.D
 Acq: 01 Apr 2025 10:13

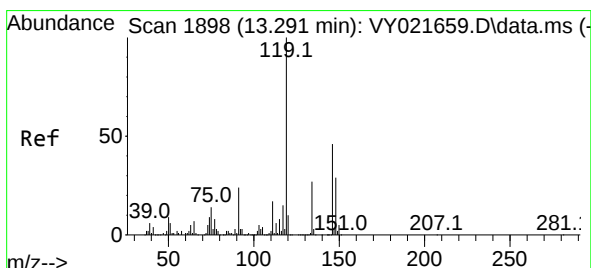
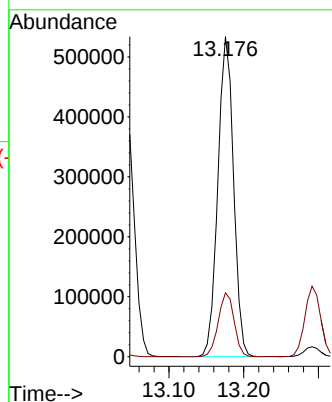
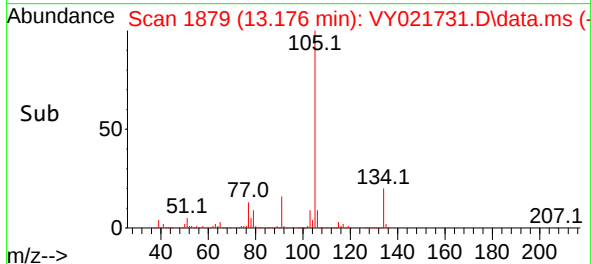
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



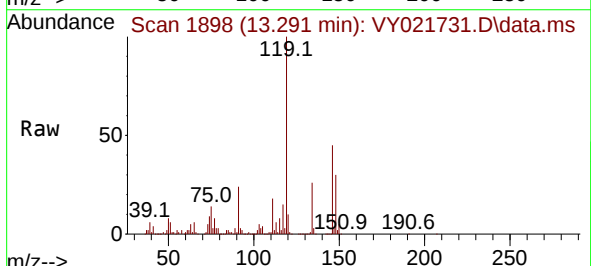
Tgt Ion:105 Resp: 77815
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

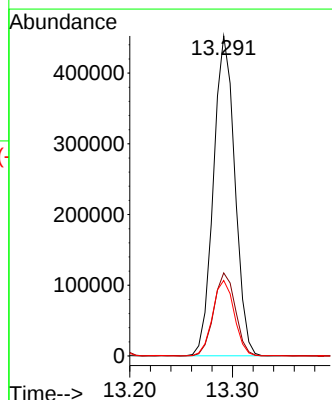
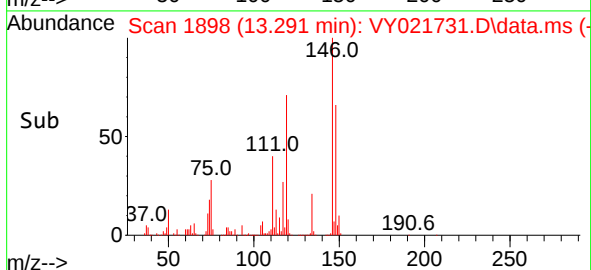
Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

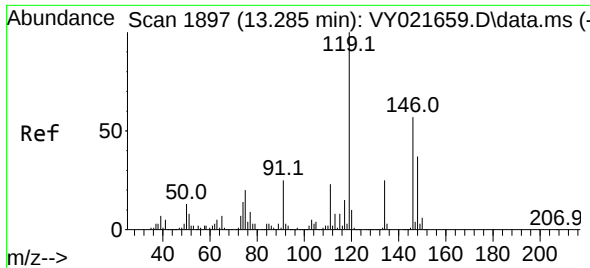


#86
 p-Isopropyltoluene
 Concen: 53.853 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY021731.D
 Acq: 01 Apr 2025 10:13



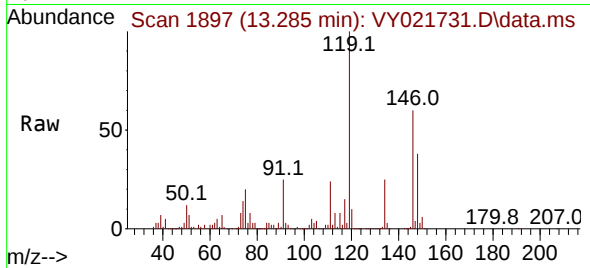
Tgt Ion:119 Resp: 652775
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.9 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 51.450 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

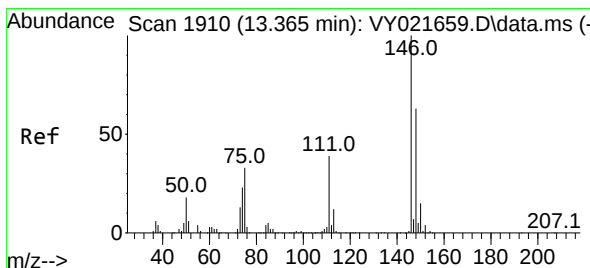
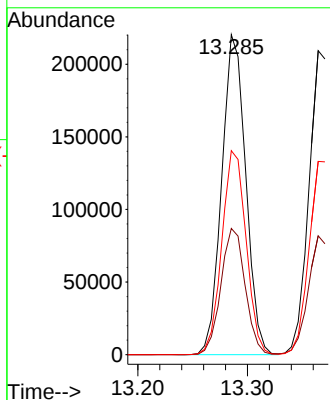
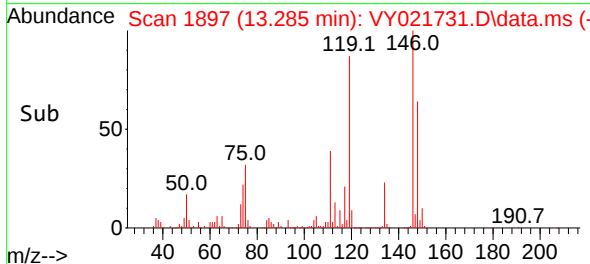
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



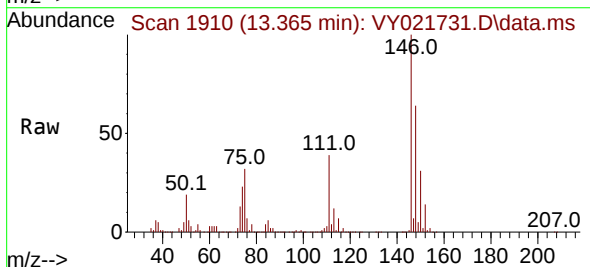
Tgt Ion:146 Resp: 335519
Ion Ratio Lower Upper
146 100
111 39.9 20.0 60.0
148 64.5 31.8 95.4

Manual Integrations
APPROVED

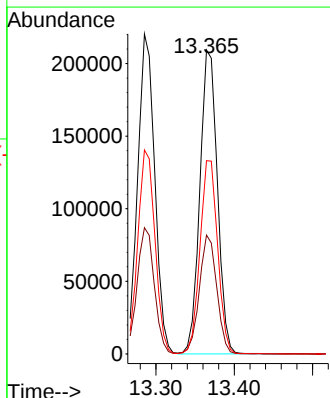
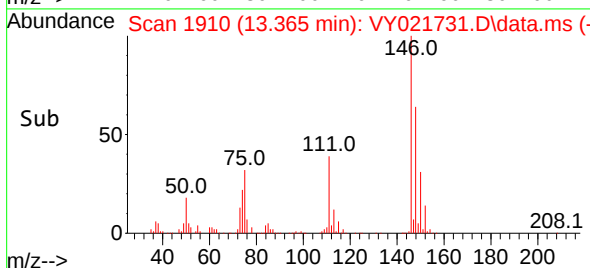
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

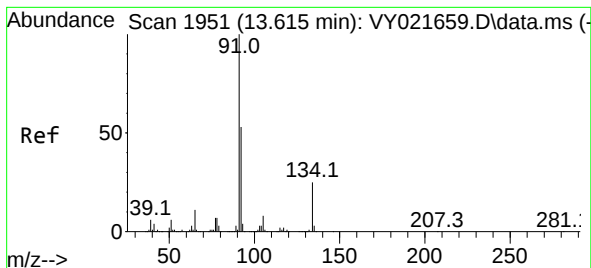


#88
1,4-Dichlorobenzene
Concen: 50.410 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



Tgt Ion:146 Resp: 324792
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.1
148 64.3 31.5 94.5





#89

n-Butylbenzene

Concen: 53.515 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

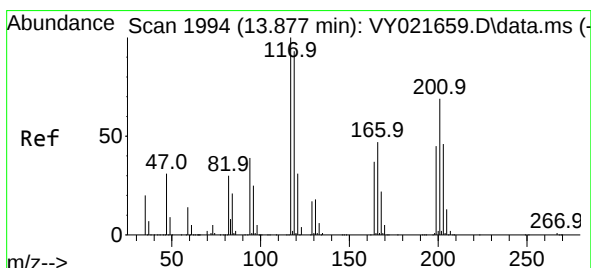
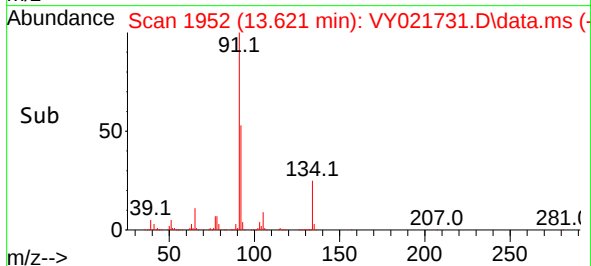
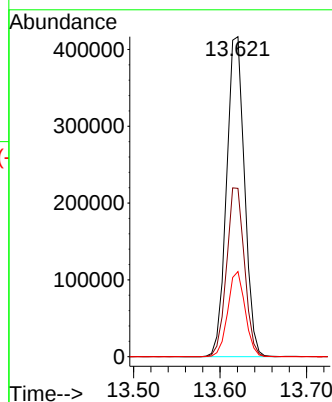
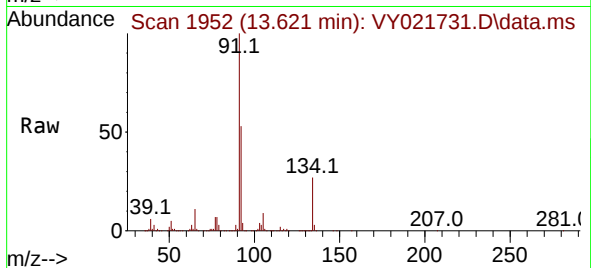
Tgt Ion: 91	Resp: 59990
Ion Ratio	Lower Upper
91	100
92	52.7 26.4 79.2
134	25.8 12.8 38.4

Manual Integrations

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Reviewed By :Amit Patel 04/02/2025

Supervised By :Mahesh Dadoda 04/02/2025



#90

Hexachloroethane

Concen: 50.349 ug/l

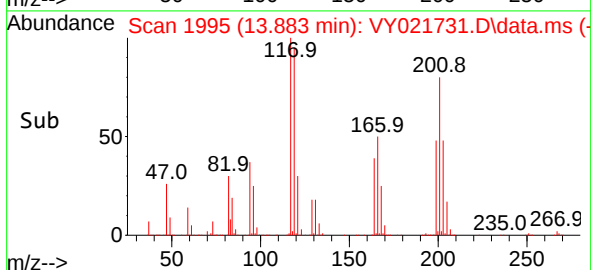
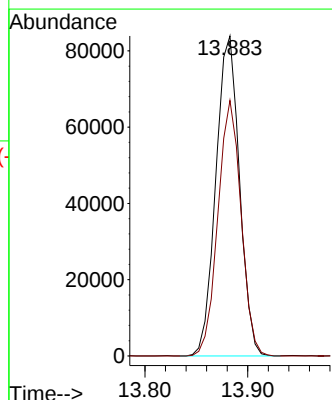
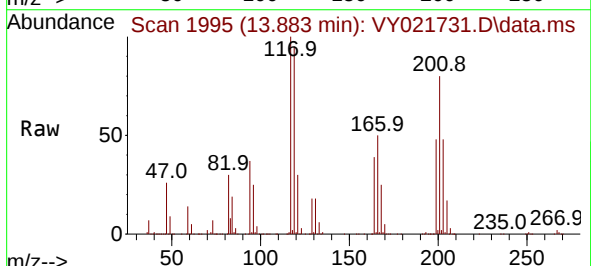
RT: 13.883 min Scan# 1995

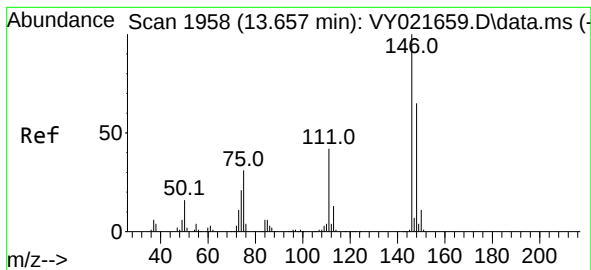
Delta R.T. 0.006 min

Lab File: VY021731.D

Acq: 01 Apr 2025 10:13

Tgt Ion:117	Resp: 133741
Ion Ratio	Lower Upper
117	100
201	78.4 37.4 112.1





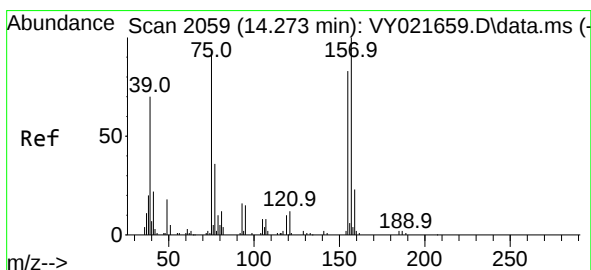
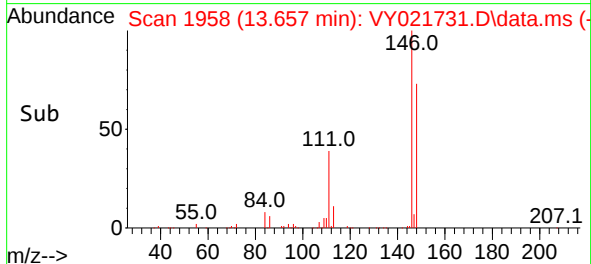
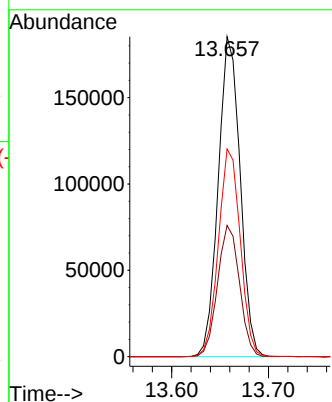
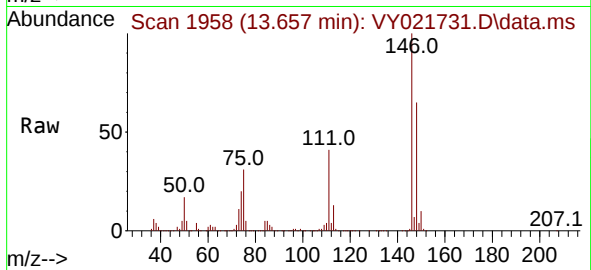
#91
1,2-Dichlorobenzene
Concen: 51.280 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 291100
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 64.8 32.3 96.9

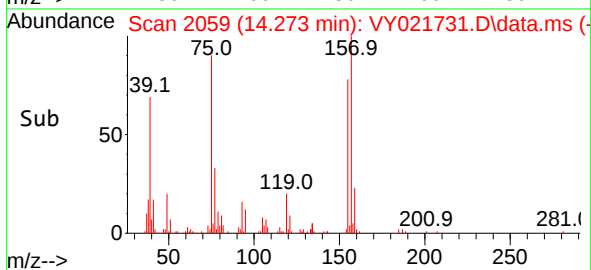
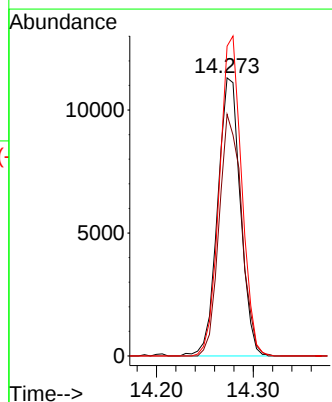
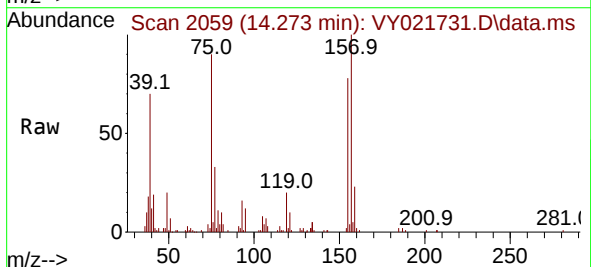
Manual Integrations
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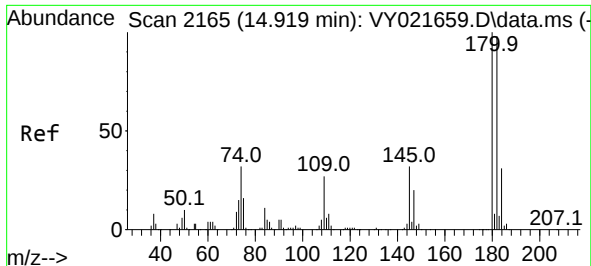
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.978 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

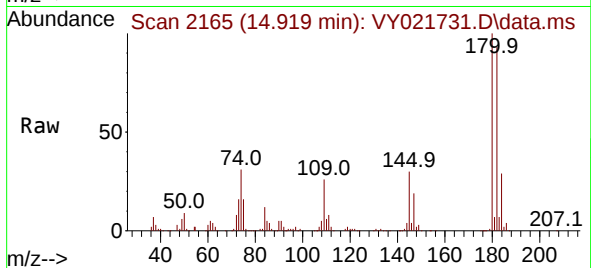
Tgt Ion: 75 Resp: 18431
Ion Ratio Lower Upper
75 100
155 85.8 43.0 128.8
157 112.2 54.0 162.0





#93
1,2,4-Trichlorobenzene
Concen: 54.551 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

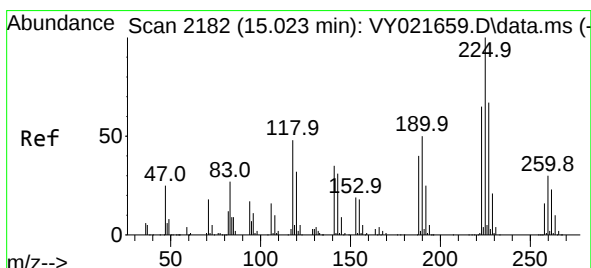
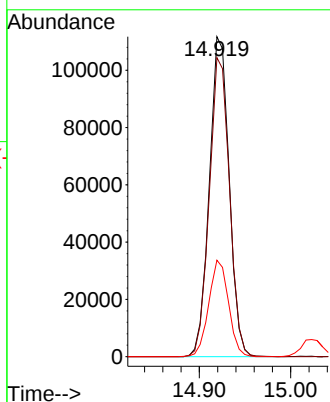
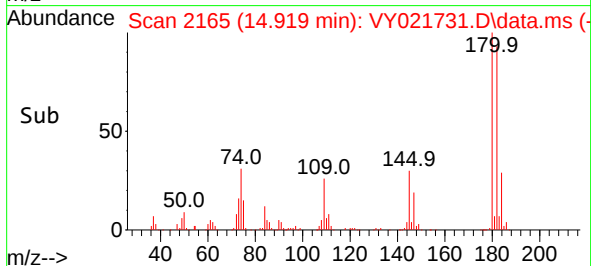
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 16793
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 30.1 14.9 44.9

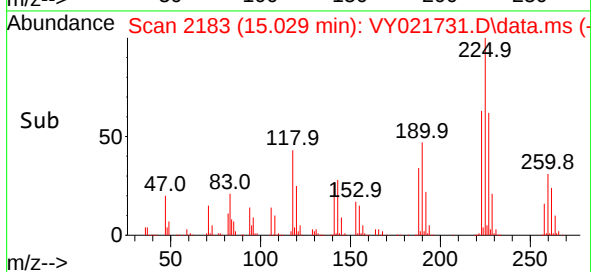
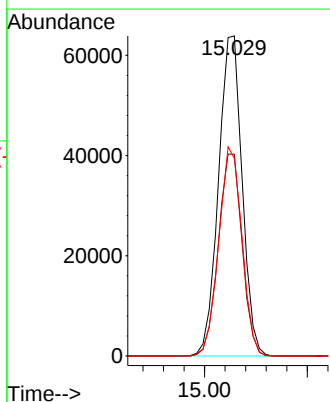
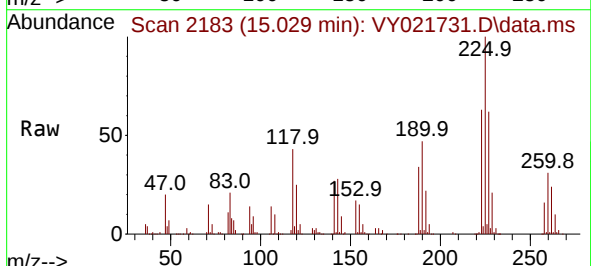
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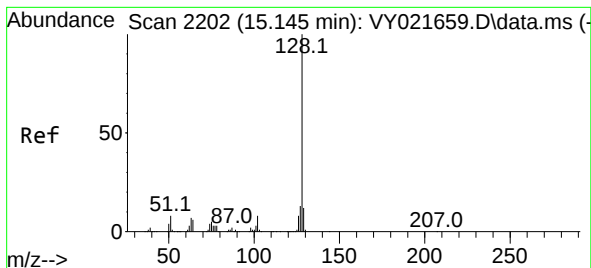
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#94
Hexachlorobutadiene
Concen: 52.955 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

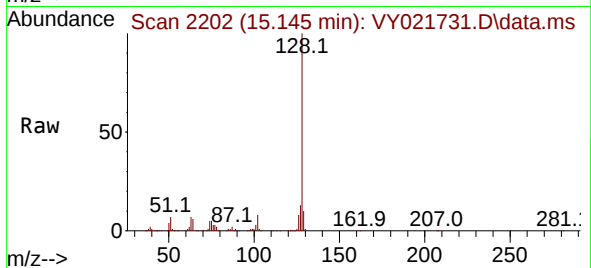
Tgt Ion:225 Resp: 101814
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 64.2 32.4 97.0





#95
Naphthalene
Concen: 55.186 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13

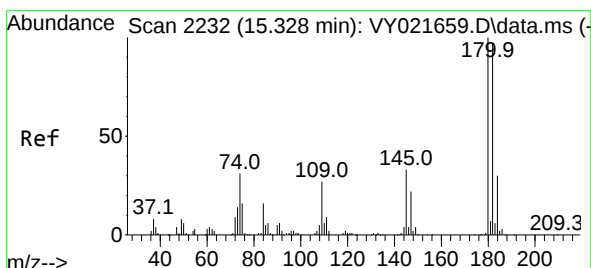
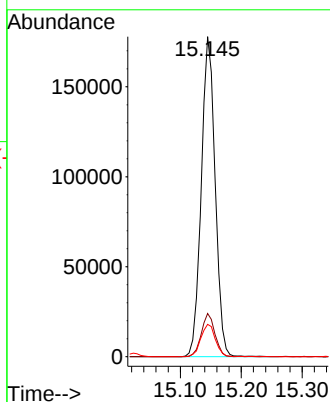
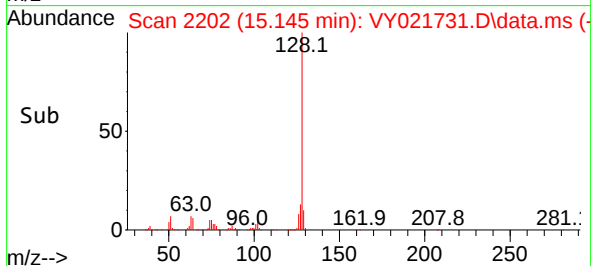
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



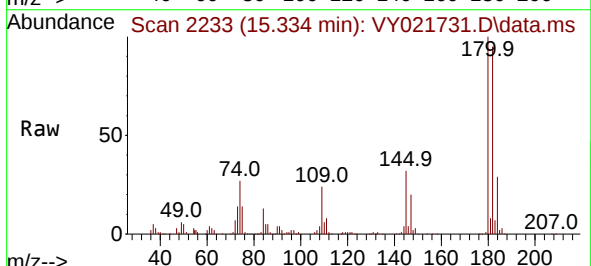
Tgt Ion:128 Resp: 281604
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.436 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY021731.D
Acq: 01 Apr 2025 10:13



Tgt Ion:180 Resp: 140280
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 32.5 15.9 47.7

