

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081925\
 Data File : VY023160.D
 Acq On : 19 Aug 2025 19:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 20 01:34:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	453917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	726912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	647238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	333557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	213375	49.322	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.640%		
35) Dibromofluoromethane	7.634	113	217058	49.903	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.800%		
50) Toluene-d8	10.103	98	864097	50.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.401	95	274917	50.308	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	145094	39.160	ug/l	98
3) Chloromethane	2.068	50	276875	46.137	ug/l	97
4) Vinyl Chloride	2.202	62	354948	47.848	ug/l	100
5) Bromomethane	2.592	94	278901	50.342	ug/l	100
6) Chloroethane	2.732	64	250831	50.860	ug/l	100
7) Trichlorofluoromethane	3.049	101	405455	44.950	ug/l	99
8) Diethyl Ether	3.452	74	111202	46.597	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	200633	45.085	ug/l	99
10) Methyl Iodide	4.001	142	263764	54.928	ug/l	98
11) Tert butyl alcohol	4.860	59	62641	211.323	ug/l	100
12) 1,1-Dichloroethene	3.787	96	206109	47.120	ug/l	97
13) Acrolein	3.647	56	48005	110.581	ug/l	97
14) Allyl chloride	4.378	41	288345	44.800	ug/l	97
15) Acrylonitrile	5.049	53	228651	235.673	ug/l	98
16) Acetone	3.866	43	175331	187.073	ug/l	97
17) Carbon Disulfide	4.104	76	657020	46.066	ug/l	100
18) Methyl Acetate	4.385	43	140261	50.290	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	538168	47.480	ug/l	99
20) Methylene Chloride	4.610	84	244646	50.247	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	246365	50.119	ug/l	99
22) Diisopropyl ether	6.018	45	670200	47.919	ug/l	99
23) Vinyl Acetate	5.957	43	1726827	223.289	ug/l	98
24) 1,1-Dichloroethane	5.915	63	423462	49.522	ug/l	99
25) 2-Butanone	6.896	43	268264	210.456	ug/l	97
26) 2,2-Dichloropropane	6.884	77	330025	44.729	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	286353	50.390	ug/l	97
28) Bromochloromethane	7.244	49	168646	49.712	ug/l	96
29) Tetrahydrofuran	7.256	42	176959	223.965	ug/l	96
30) Chloroform	7.421	83	447102	50.699	ug/l	98
31) Cyclohexane	7.701	56	338813	42.047	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	386894	49.443	ug/l	100
36) 1,1-Dichloropropene	7.835	75	308640	47.746	ug/l	99
37) Ethyl Acetate	6.982	43	120682	44.444	ug/l	99
38) Carbon Tetrachloride	7.817	117	341297	48.612	ug/l	99
39) Methylcyclohexane	9.109	83	387997	45.580	ug/l	95
40) Benzene	8.079	78	999546	50.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	65626	41.877	ug/l	87
42) 1,2-Dichloroethane	8.158	62	253049	48.835	ug/l	100
43) Isopropyl Acetate	8.195	43	245293	44.694	ug/l	97
44) Trichloroethene	8.865	130	266609	51.782	ug/l	100
45) 1,2-Dichloropropane	9.140	63	228425	49.829	ug/l	99
46) Dibromomethane	9.231	93	131481	49.971	ug/l	99
47) Bromodichloromethane	9.420	83	343279	50.703	ug/l	99
48) Methyl methacrylate	9.219	41	118237	45.021	ug/l	95
49) 1,4-Dioxane	9.225	88	29199	946.444	ug/l	90
51) 4-Methyl-2-Pentanone	9.993	43	656710	231.971	ug/l	98
52) Toluene	10.170	92	647611	51.179	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	296104	48.297	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	353426	48.751	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	176672	50.180	ug/l	98
56) Ethyl methacrylate	10.438	69	217938	48.375	ug/l	98
57) 1,3-Dichloropropane	10.713	76	292293	48.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	551100	259.330	ug/l	98
59) 2-Hexanone	10.755	43	435049	225.681	ug/l	100
60) Dibromochloromethane	10.908	129	238623	51.365	ug/l	100
61) 1,2-Dibromoethane	11.011	107	164095	49.588	ug/l	99
64) Tetrachloroethene	10.646	164	323963	56.055	ug/l	98
65) Chlorobenzene	11.438	112	704107	50.434	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.511	131	243596	51.411	ug/l	100
67) Ethyl Benzene	11.517	91	1222605	50.888	ug/l	98
68) m/p-Xylenes	11.627	106	966978	103.051	ug/l	98
69) o-Xylene	11.950	106	455236	51.799	ug/l	99
70) Styrene	11.969	104	763639	53.132	ug/l	98
71) Bromoform	12.127	173	135638	48.980	ug/l #	99
73) Isopropylbenzene	12.249	105	1161331	49.330	ug/l	99
74) N-amyl acetate	12.066	43	217737	43.613	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	172951	43.025	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	155632m	48.345	ug/l	
77) Bromobenzene	12.529	156	273466	48.690	ug/l	98
78) n-propylbenzene	12.590	91	1387452	49.502	ug/l	99
79) 2-Chlorotoluene	12.676	91	784149	48.829	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	954748	50.180	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	57362	43.134	ug/l	99
82) 4-Chlorotoluene	12.773	91	816232	48.995	ug/l	99
83) tert-Butylbenzene	12.993	119	857857	49.921	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	956661	50.510	ug/l	99
85) sec-Butylbenzene	13.170	105	1249164	49.485	ug/l	100
86) p-Isopropyltoluene	13.285	119	1065308	50.842	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	549837	49.644	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	534086	48.611	ug/l	99
89) n-Butylbenzene	13.615	91	957330	49.746	ug/l	99
90) Hexachloroethane	13.877	117	214503	50.008	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	477680	49.177	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28063	44.839	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	261664	45.553	ug/l	98
94) Hexachlorobutadiene	15.017	225	153359	45.434	ug/l	98
95) Naphthalene	15.139	128	452211	46.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	224276	45.311	ug/l	99

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QLast Update : Wed Aug 13 02:10:11 2025
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

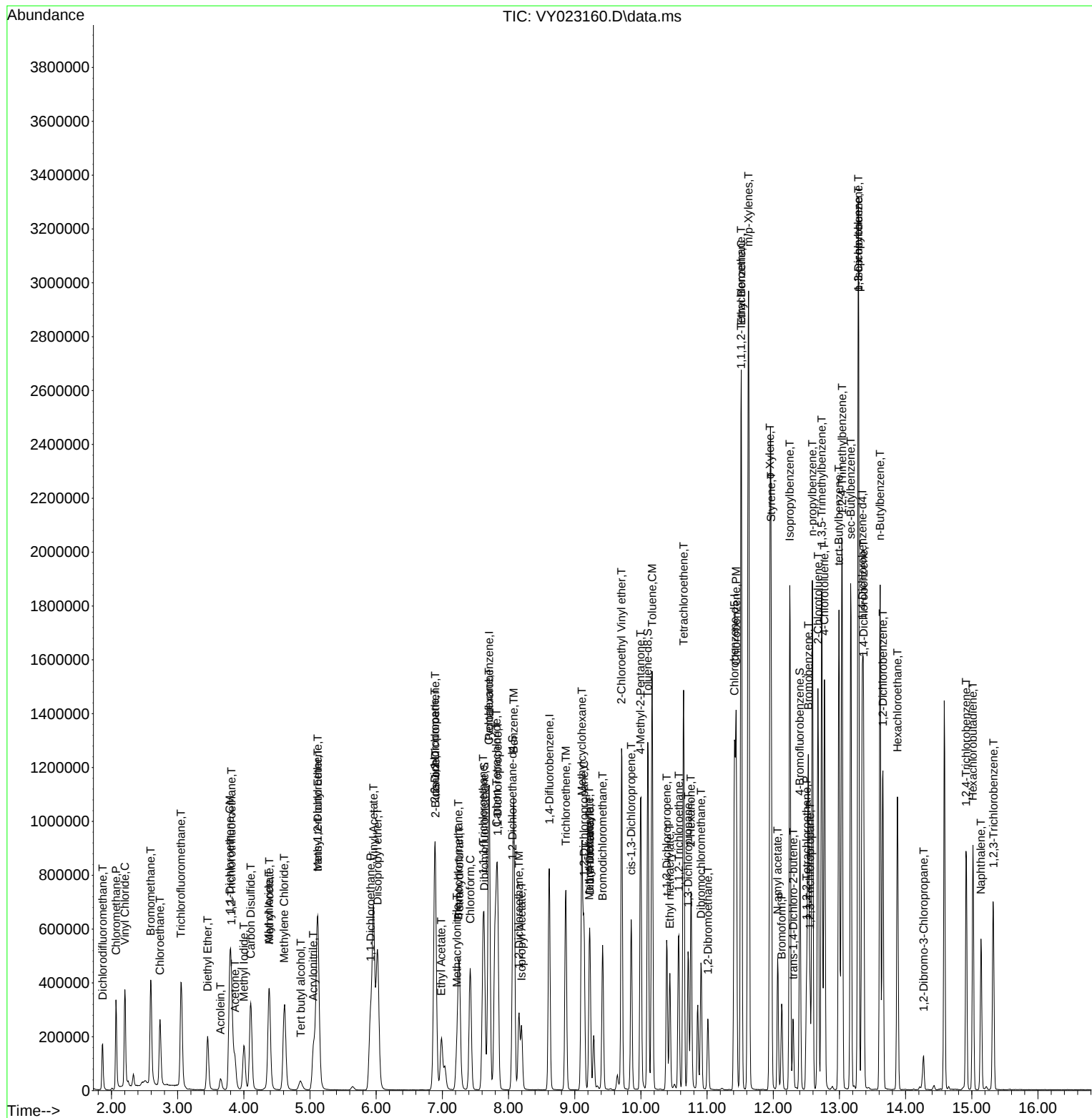
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Manual Integrations APPROVED

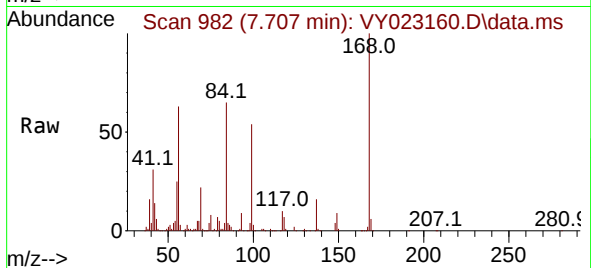
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

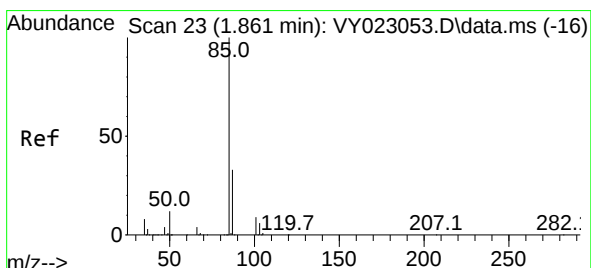
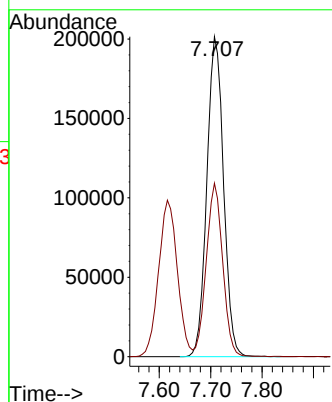
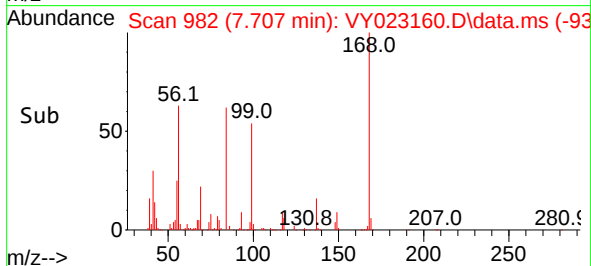
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 453917
Ion Ratio Lower Upper
168 100
99 54.1 42.8 64.2

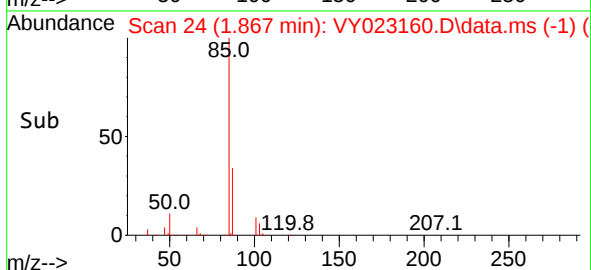
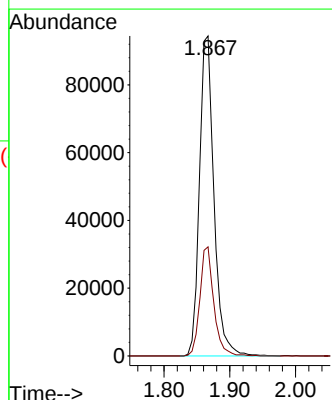
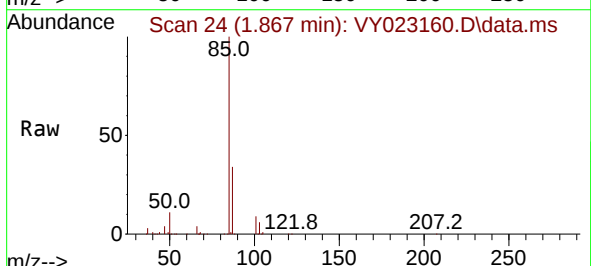
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#2
Dichlorodifluoromethane
Concen: 39.160 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

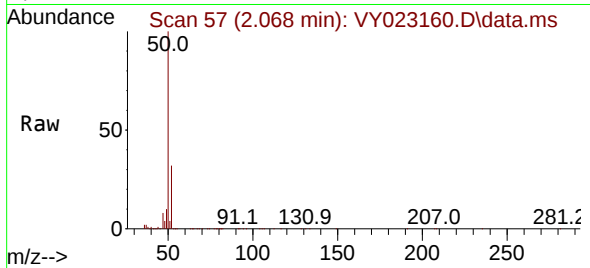
Tgt Ion: 85 Resp: 145094
Ion Ratio Lower Upper
85 100
87 34.1 16.6 49.8





#3
Chloromethane
Concen: 46.137 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

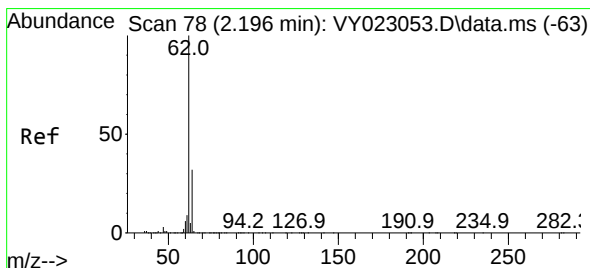
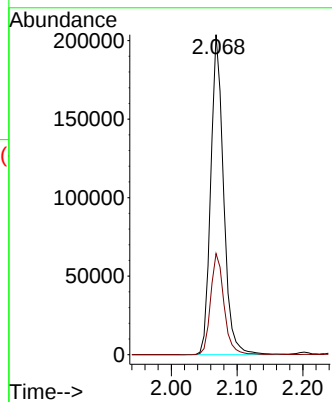
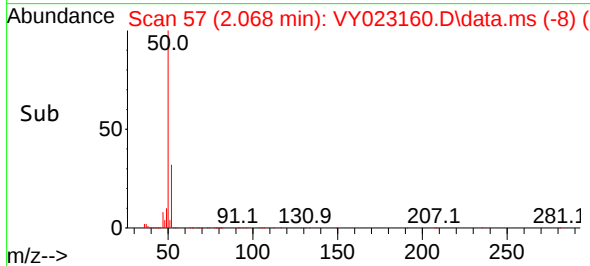
Instrument :
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ClientSampleId :
VSTDCCC050EC



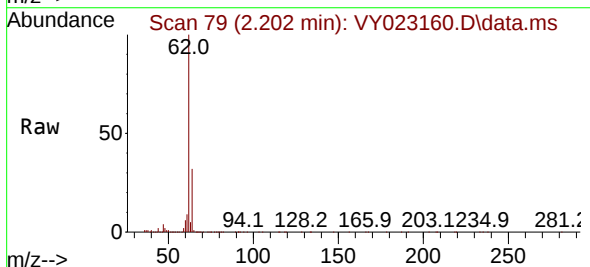
Tgt Ion: 50 Resp: 276879
Ion Ratio Lower Upper
50 100
52 31.6 26.7 40.1

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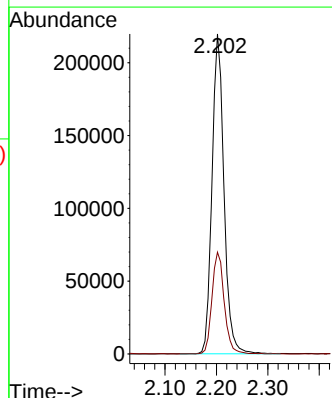
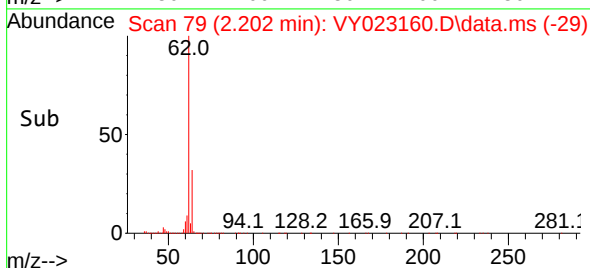
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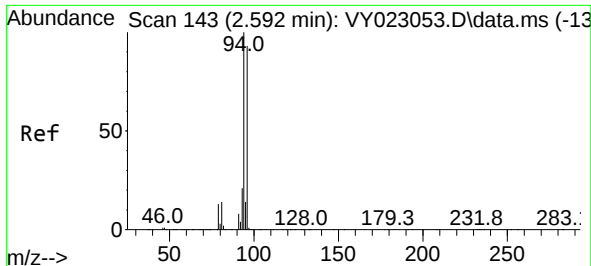


#4
Vinyl Chloride
Concen: 47.848 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



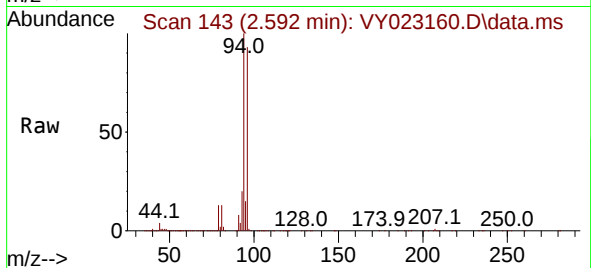
Tgt Ion: 62 Resp: 354948
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 50.342 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

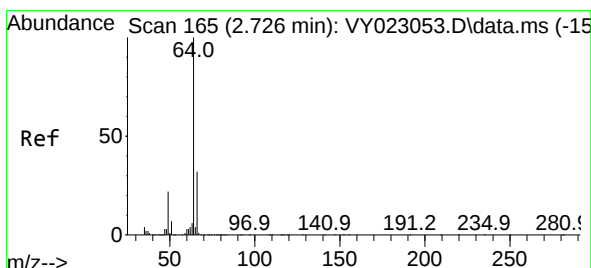
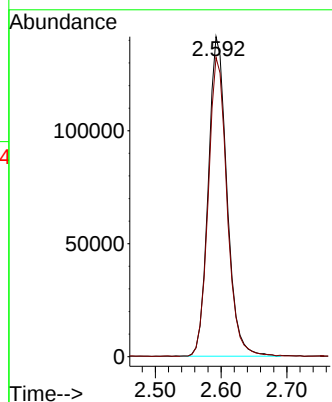
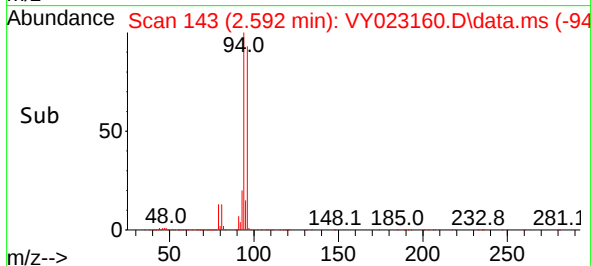
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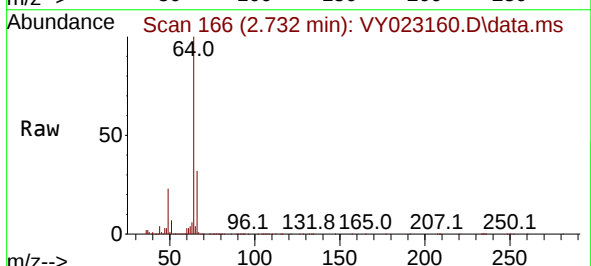
Tgt Ion: 94 Resp: 27890
Ion Ratio Lower Upper
94 100
96 93.5 74.6 112.0

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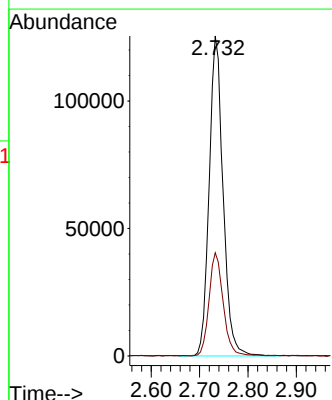
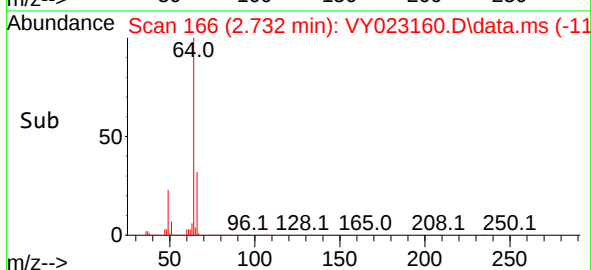
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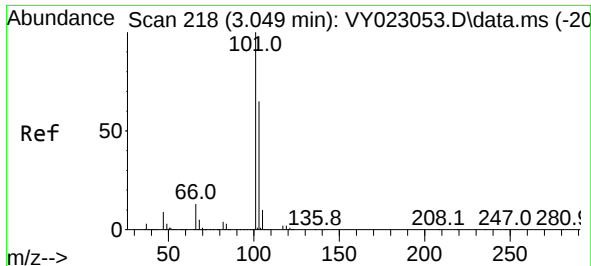


#6
Chloroethane
Concen: 50.860 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



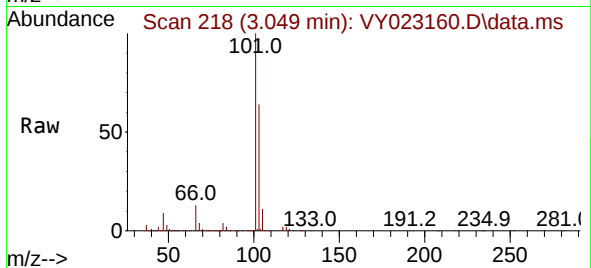
Tgt Ion: 64 Resp: 250831
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.6





#7
Trichlorofluoromethane
Concen: 44.950 ug/l
RT: 3.049 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

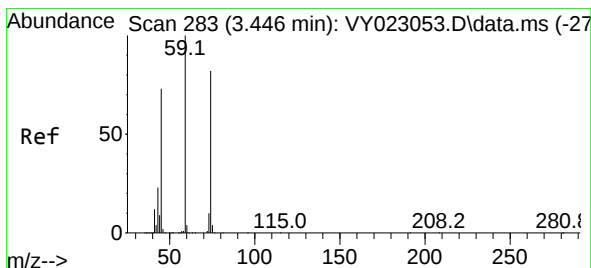
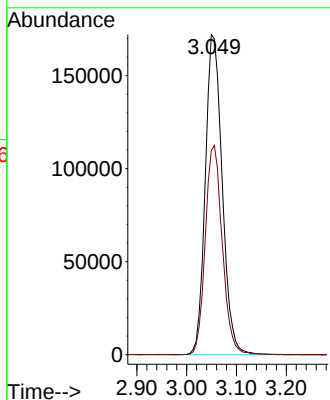
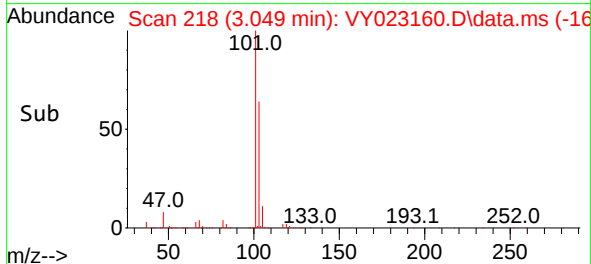
Instrument :
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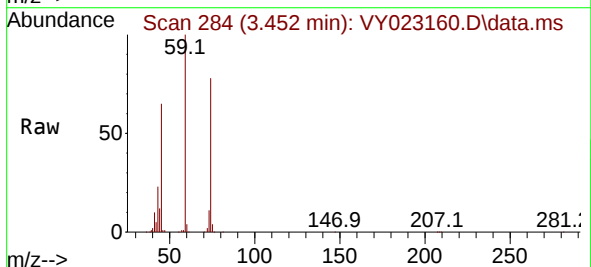
Tgt Ion:101 Resp: 40545
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9

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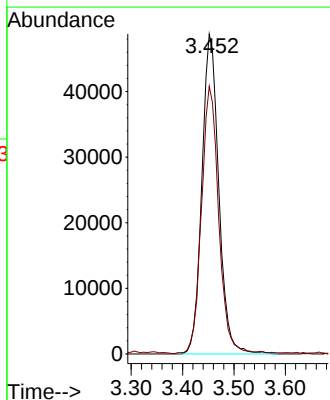
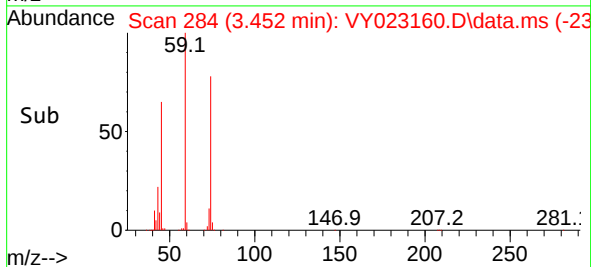
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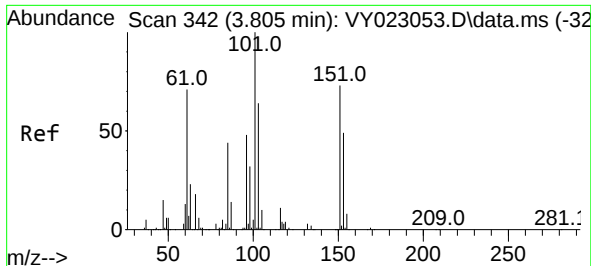


#8
Diethyl Ether
Concen: 46.597 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023160.D
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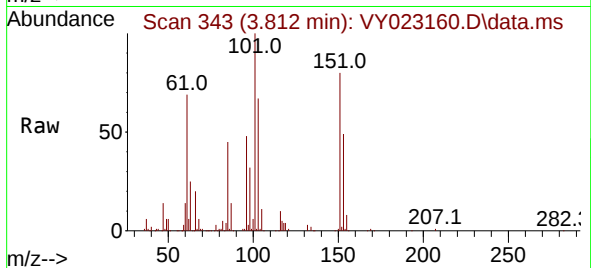
Tgt Ion: 74 Resp: 111202
Ion Ratio Lower Upper
74 100
45 84.5 44.4 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.085 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

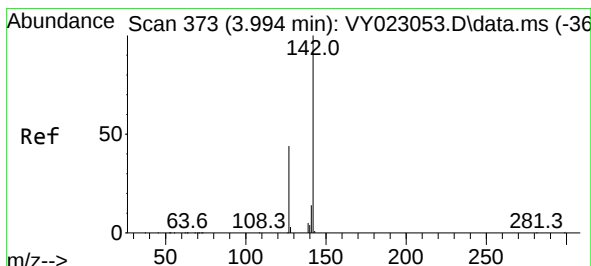
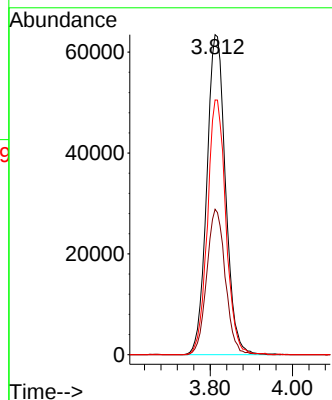
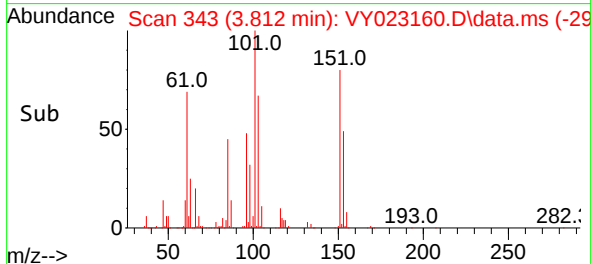
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 20063
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 78.1 61.5 92.3

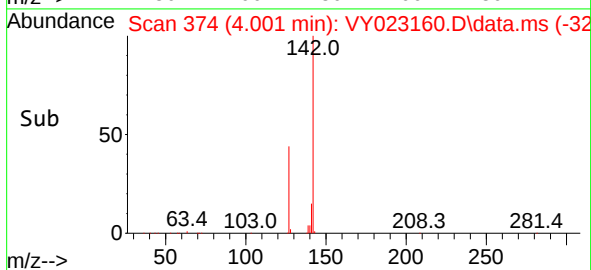
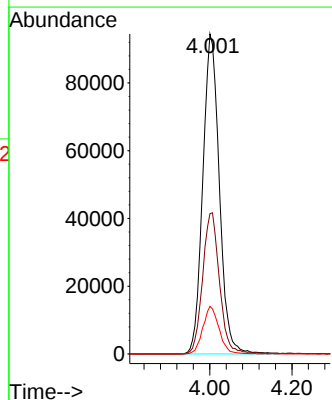
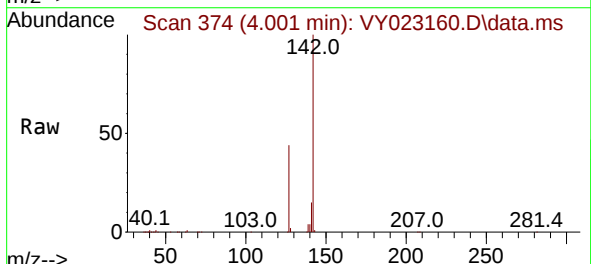
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#10
Methyl Iodide
Concen: 54.928 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

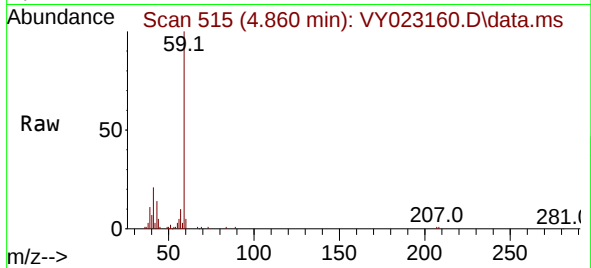
Tgt Ion:142 Resp: 263764
Ion Ratio Lower Upper
142 100
127 45.1 34.9 52.3
141 14.6 11.3 16.9





#11
Tert butyl alcohol
Concen: 211.323 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

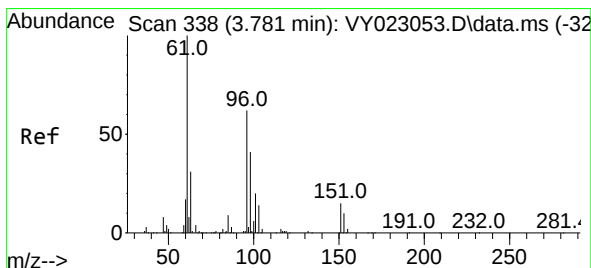
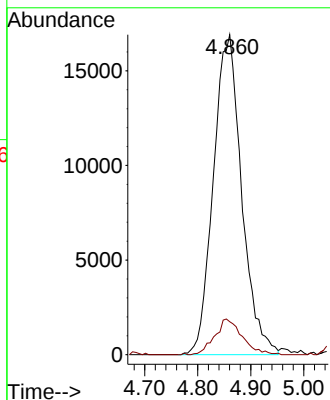
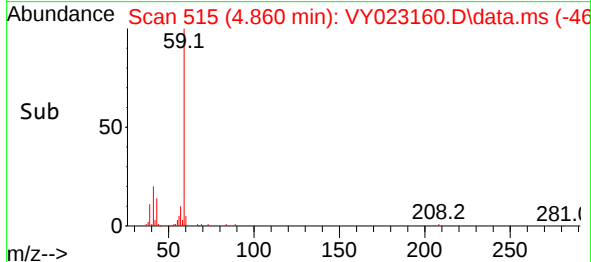
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



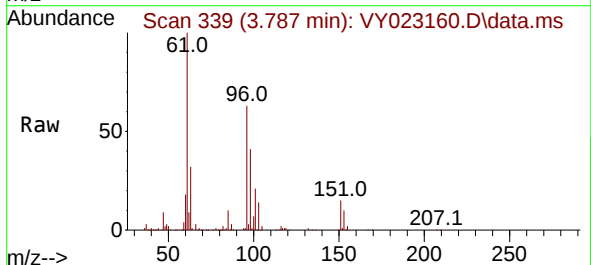
Tgt Ion: 59 Resp: 6264
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
APPROVED

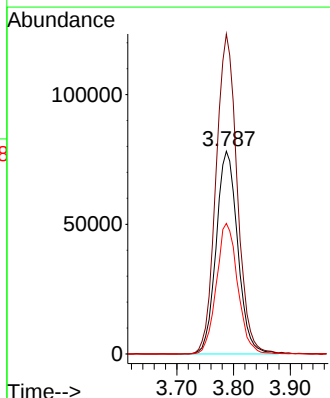
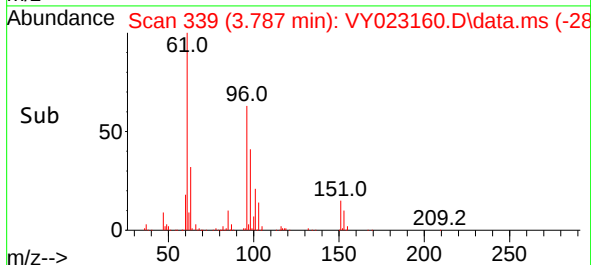
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

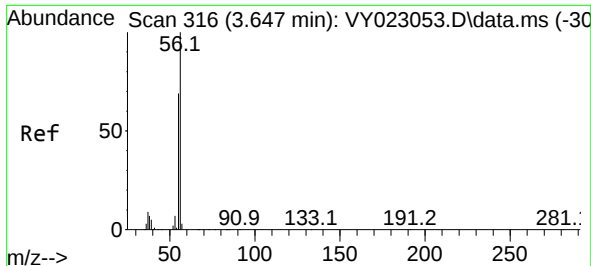


#12
1,1-Dichloroethene
Concen: 47.120 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



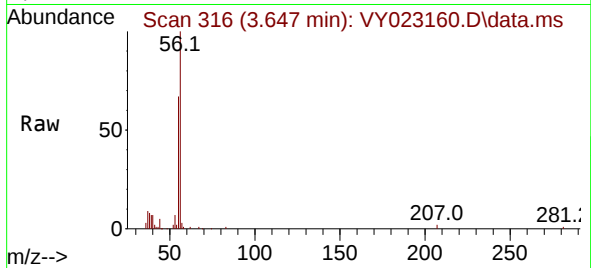
Tgt Ion: 96 Resp: 206109
Ion Ratio Lower Upper
96 100
61 157.9 129.4 194.2
98 64.4 52.8 79.2





#13
Acrolein
Concen: 110.581 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

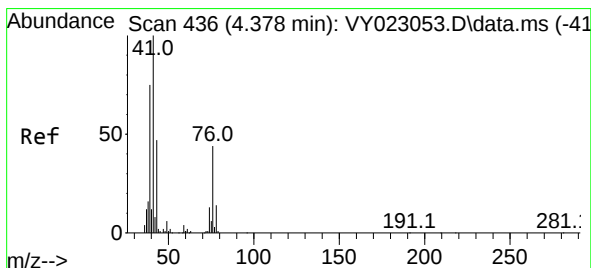
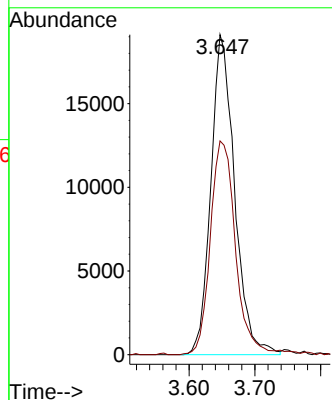
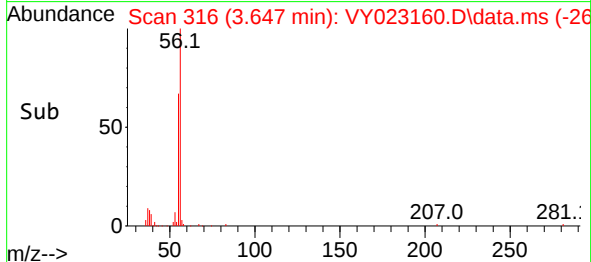
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



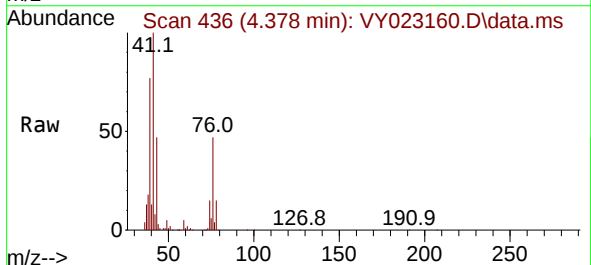
Tgt Ion: 56 Resp: 4800
Ion Ratio Lower Upper
56 100
55 71.1 55.2 82.8

Manual Integrations
APPROVED

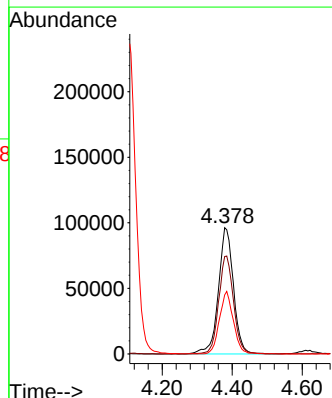
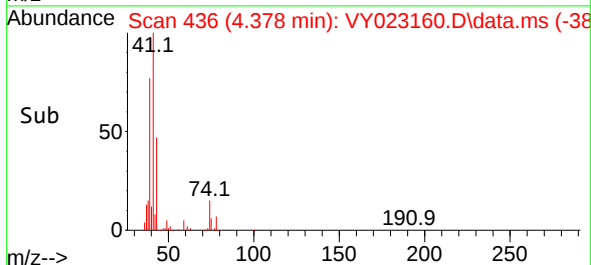
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

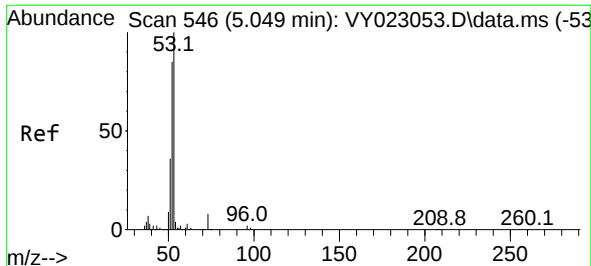


#14
Allyl chloride
Concen: 44.800 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



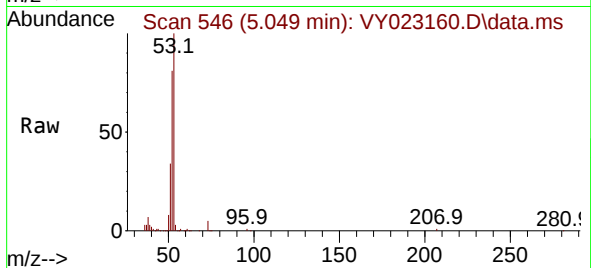
Tgt Ion: 41 Resp: 288345
Ion Ratio Lower Upper
41 100
39 76.3 59.8 89.6
76 45.6 33.7 50.5





#15
Acrylonitrile
Concen: 235.673 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

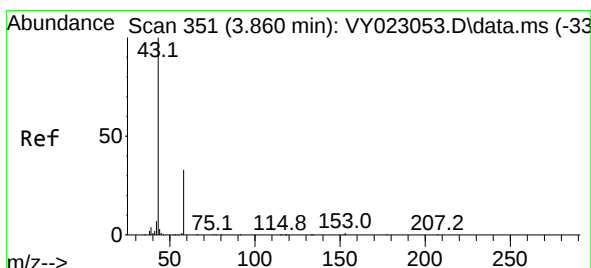
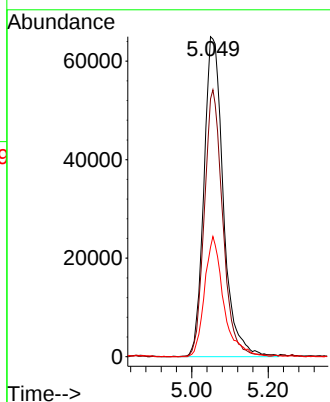
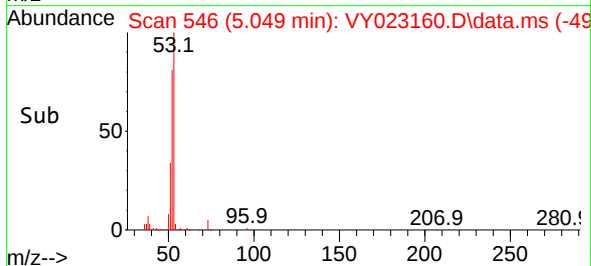
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



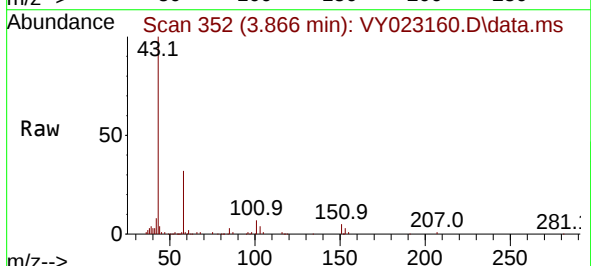
Tgt Ion: 53 Resp: 22865
Ion Ratio Lower Upper
53 100
52 79.4 65.3 97.9
51 37.0 29.5 44.3

Manual Integrations
APPROVED

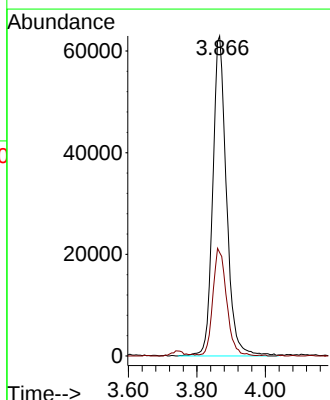
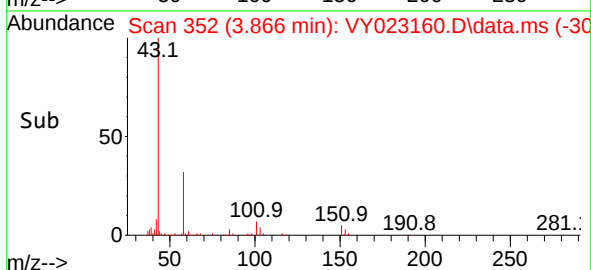
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

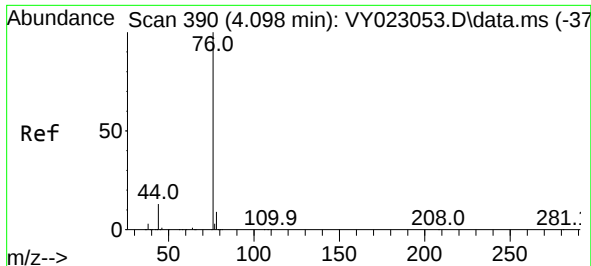


#16
Acetone
Concen: 187.073 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



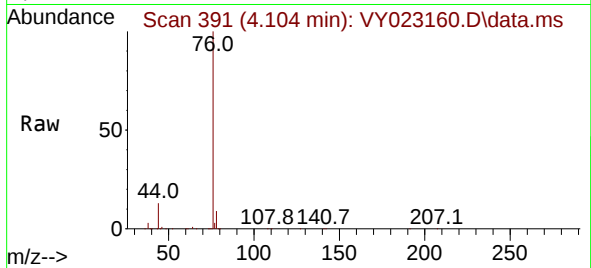
Tgt Ion: 43 Resp: 175331
Ion Ratio Lower Upper
43 100
58 32.1 27.1 40.7





#17
Carbon Disulfide
Concen: 46.066 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

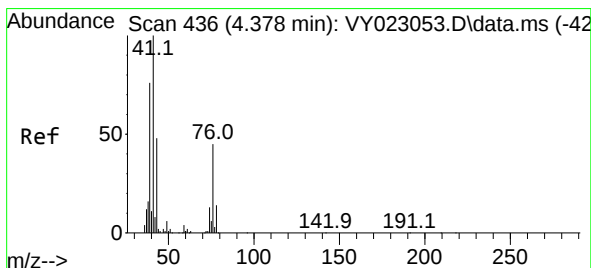
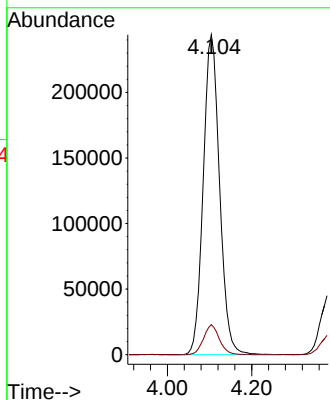
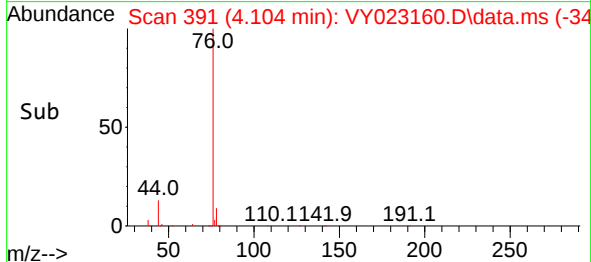
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 657020
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

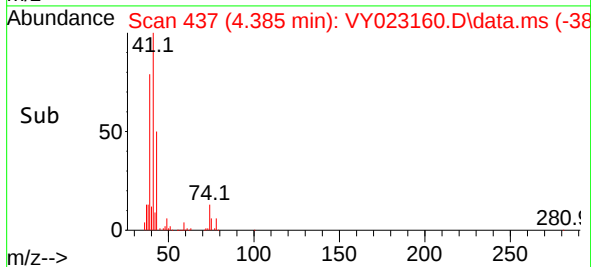
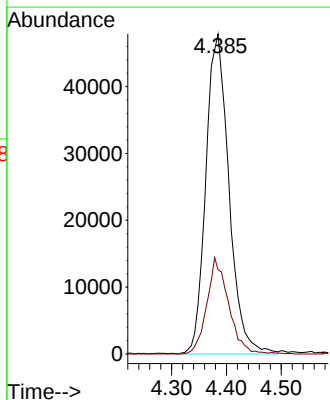
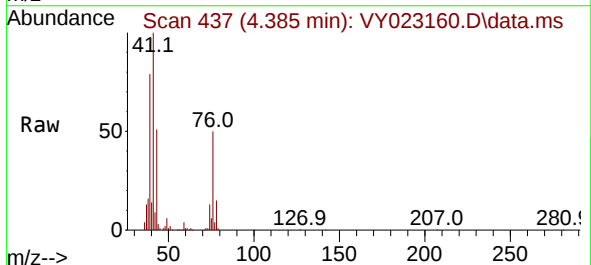
Manual Integrations
APPROVED

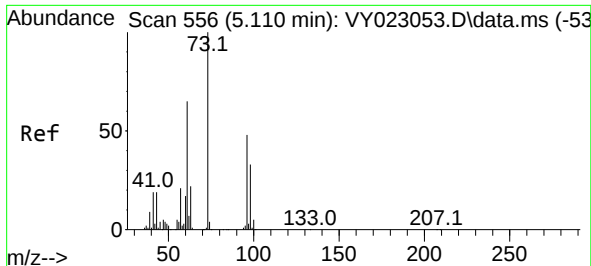
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methyl Acetate
Concen: 50.290 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

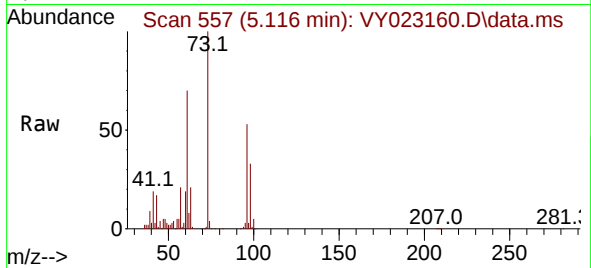
Tgt Ion: 43 Resp: 140261
Ion Ratio Lower Upper
43 100
74 28.1 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 47.480 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

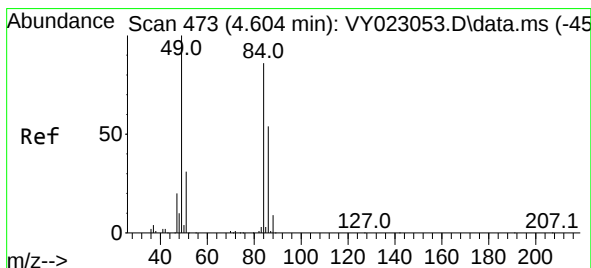
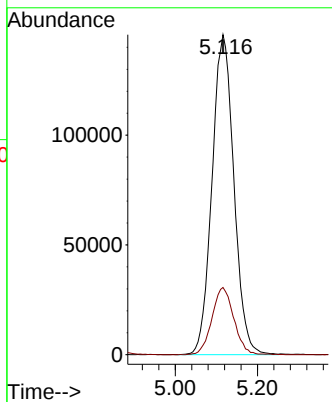
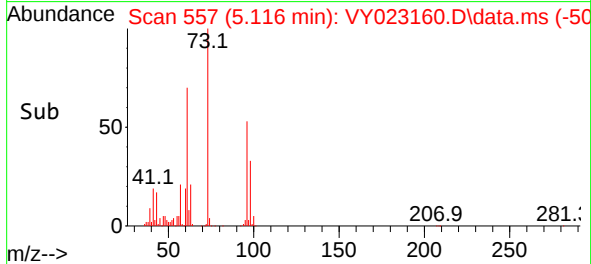
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



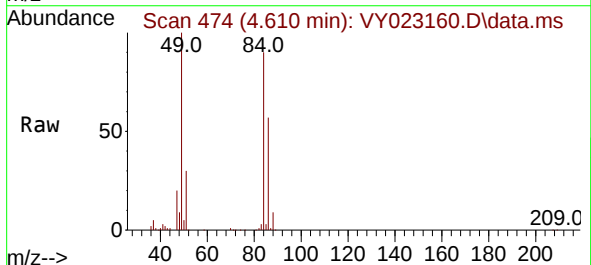
Tgt Ion: 73 Resp: 53816
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7

Manual Integrations
APPROVED

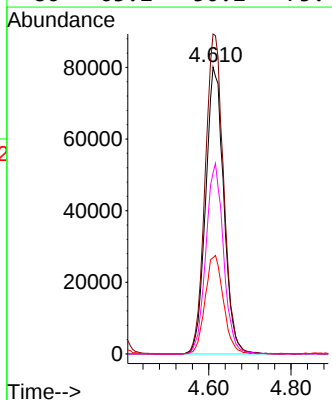
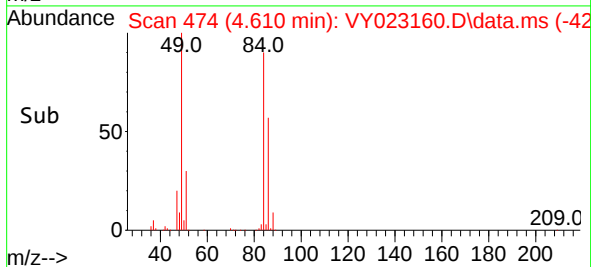
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

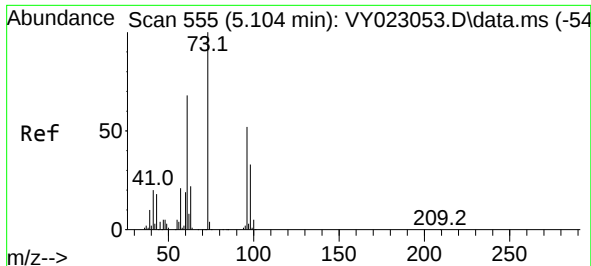


#20
Methylene Chloride
Concen: 50.247 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



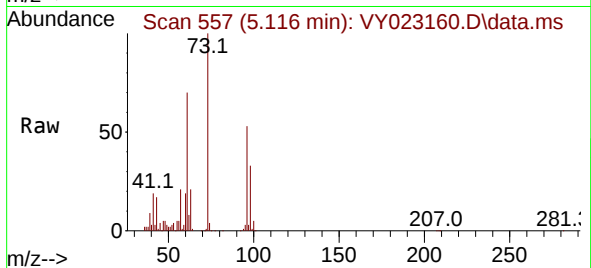
Tgt Ion: 84 Resp: 244646
Ion Ratio Lower Upper
84 100
49 111.5 93.0 139.6
51 33.6 29.0 43.4
86 63.2 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 50.119 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

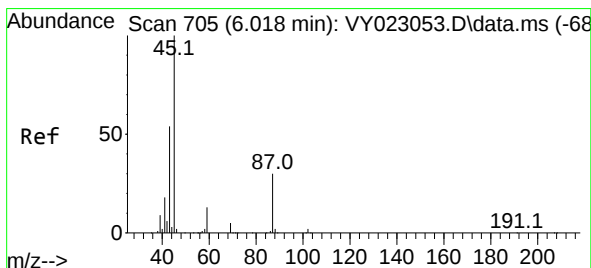
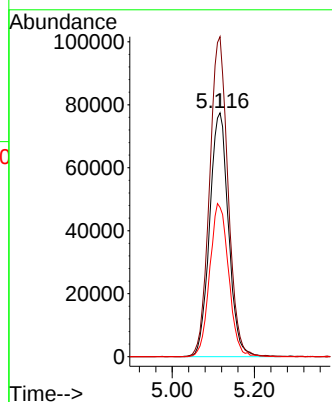
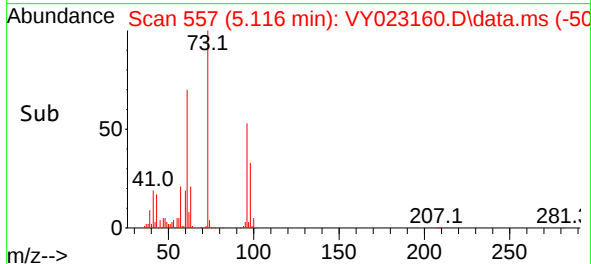
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



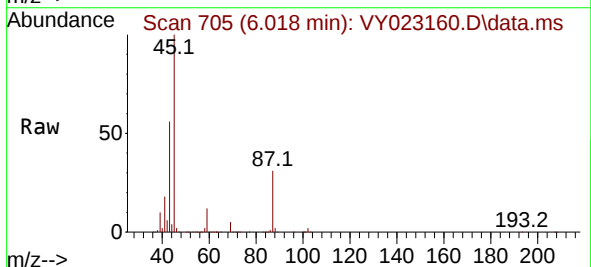
Tgt Ion: 96 Resp: 24636
Ion Ratio Lower Upper
96 100
61 131.2 104.8 157.2
98 61.2 50.1 75.1

Manual Integrations
APPROVED

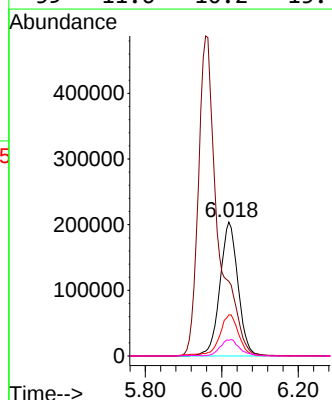
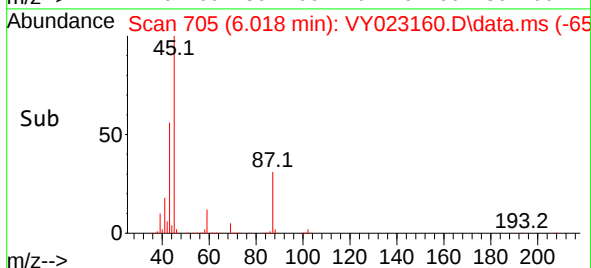
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#22
Diisopropyl ether
Concen: 47.919 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



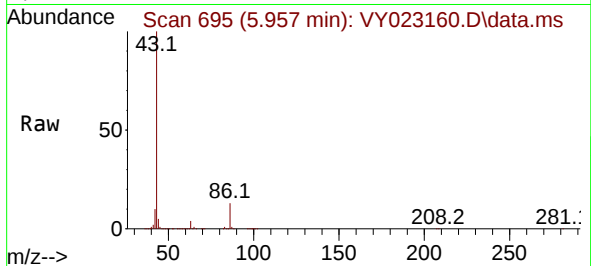
Tgt Ion: 45 Resp: 670200
Ion Ratio Lower Upper
45 100
43 55.5 43.4 65.0
87 30.7 24.4 36.6
59 11.6 10.2 15.4





#23
 Vinyl Acetate
 Concen: 223.289 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023160.D
 Acq: 19 Aug 2025 19:08

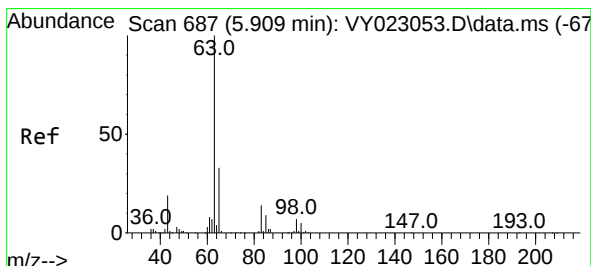
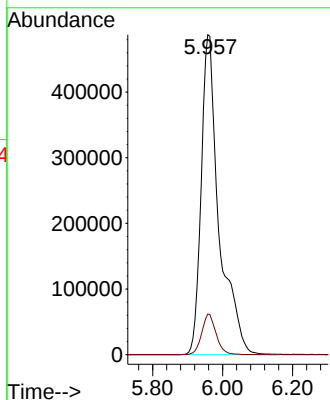
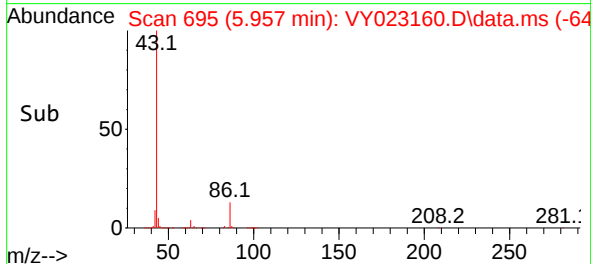
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 172682
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.6 14.4

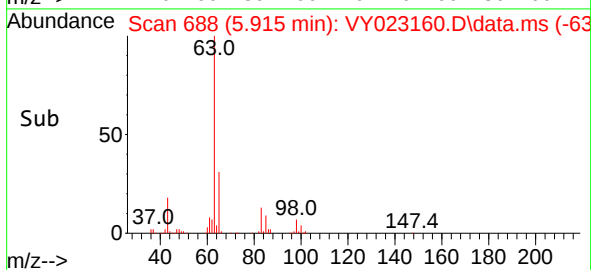
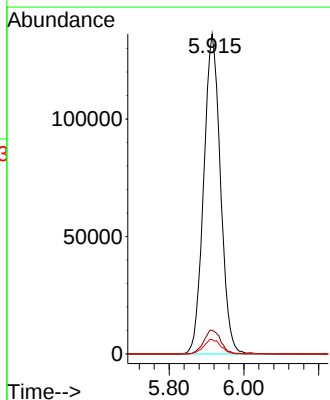
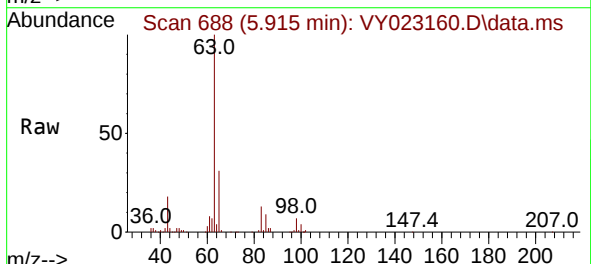
Manual Integrations
 APPROVED

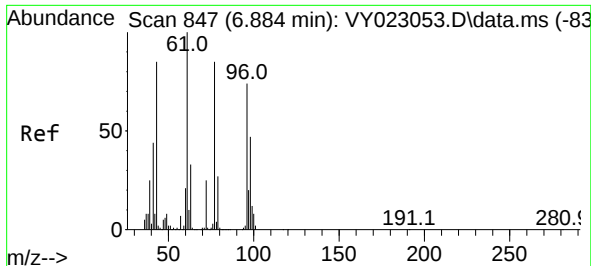
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#24
 1,1-Dichloroethane
 Concen: 49.522 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023160.D
 Acq: 19 Aug 2025 19:08

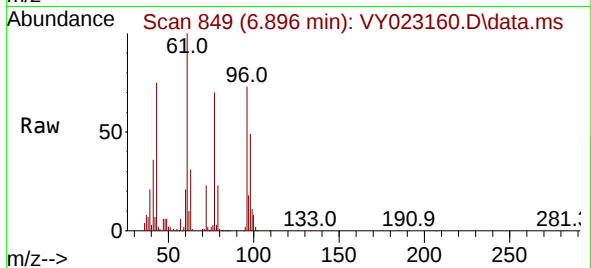
Tgt Ion: 63 Resp: 423462
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.5 2.4 7.1





#25
2-Butanone
Concen: 210.456 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

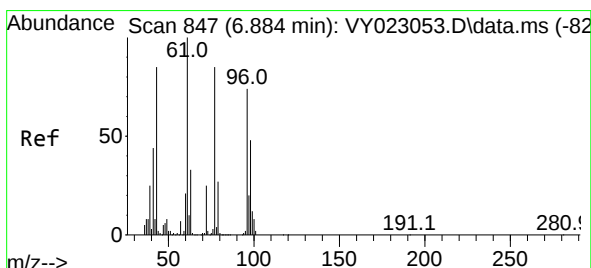
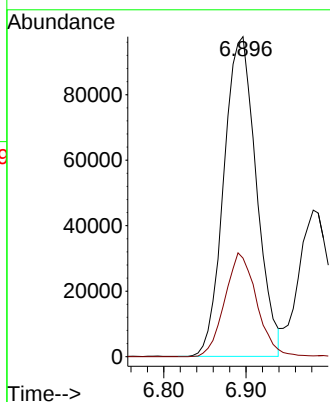
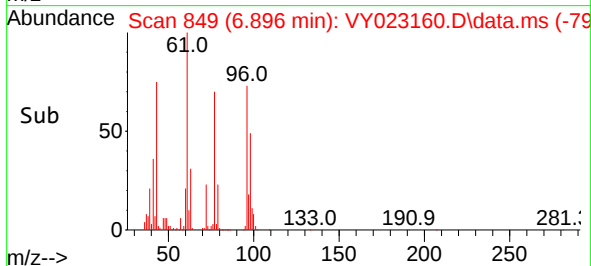
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



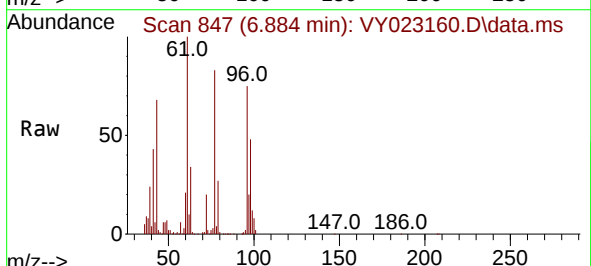
Tgt Ion: 43 Resp: 268264
Ion Ratio Lower Upper
43 100
72 30.8 23.5 35.3

Manual Integrations
APPROVED

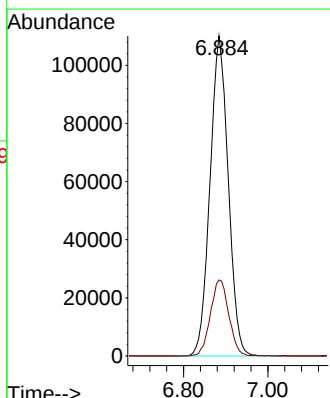
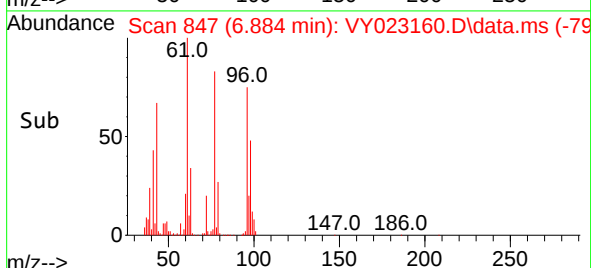
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

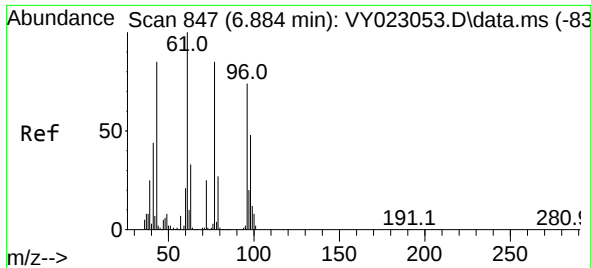


#26
2,2-Dichloropropane
Concen: 44.729 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



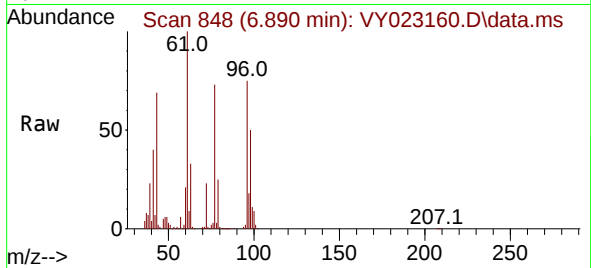
Tgt Ion: 77 Resp: 330025
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.390 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023160.D
 Acq: 19 Aug 2025 19:08

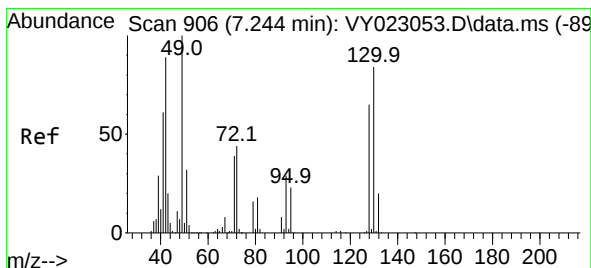
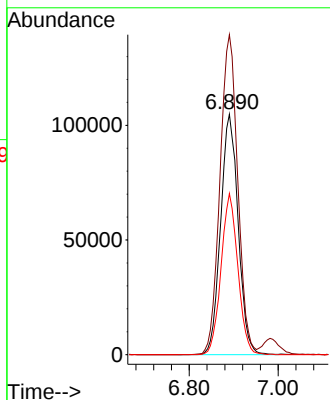
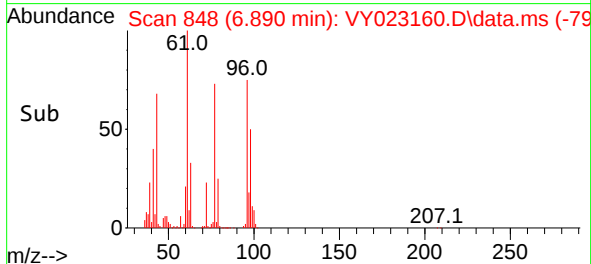
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 28635
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 278.6
 98 64.2 0.0 130.4

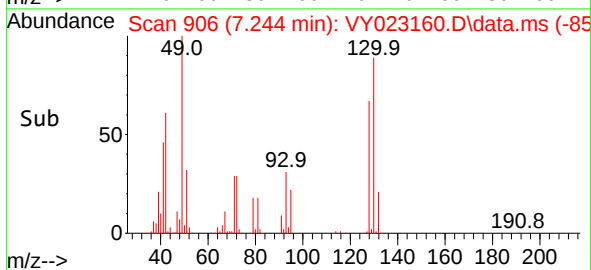
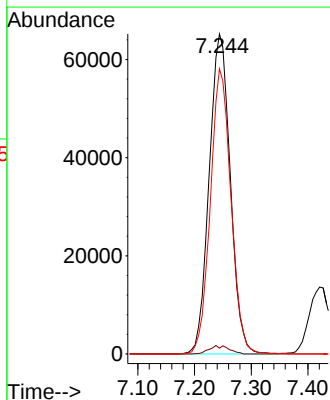
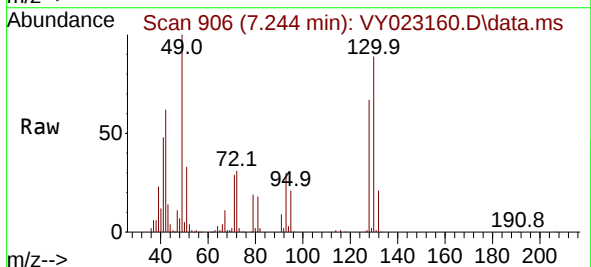
Manual Integrations
 APPROVED

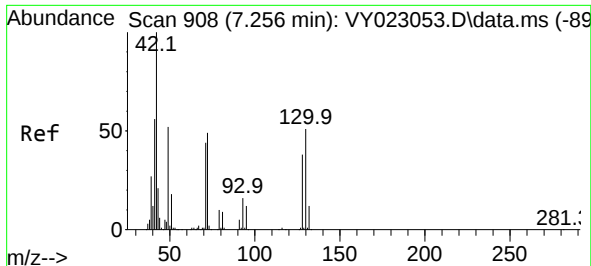
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#28
 Bromochloromethane
 Concen: 49.712 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023160.D
 Acq: 19 Aug 2025 19:08

Tgt Ion: 49 Resp: 168646
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 87.0 66.4 99.6





#29

Tetrahydrofuran

Concen: 223.965 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 176959

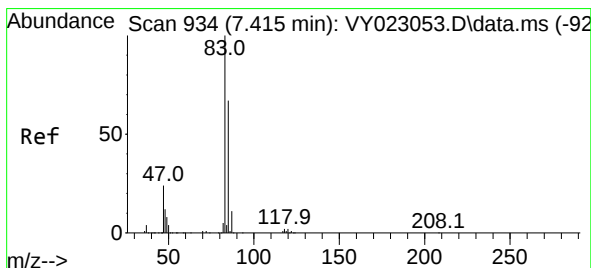
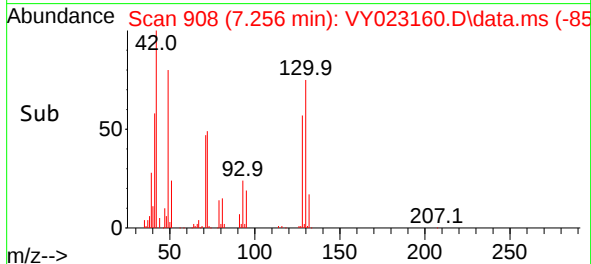
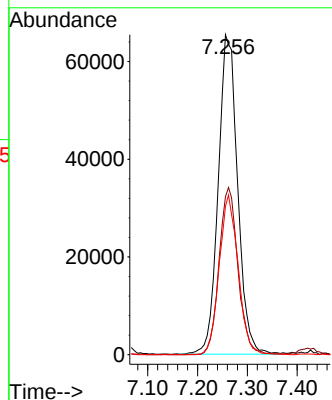
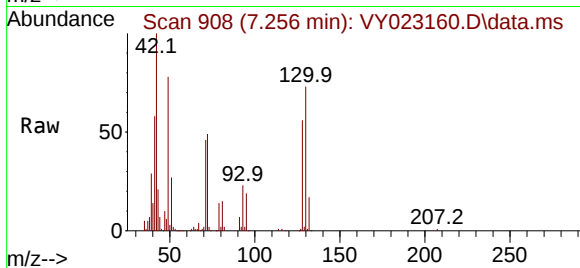
Ion	Ratio	Lower	Upper
42	100		
72	51.0	39.4	59.2
71	48.7	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 50.699 ug/l

RT: 7.421 min Scan# 935

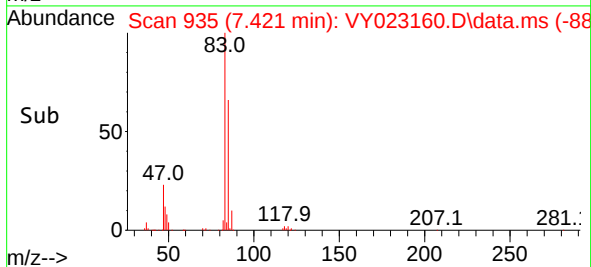
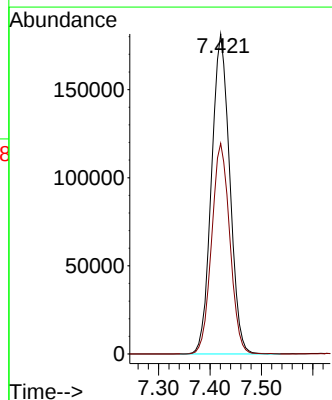
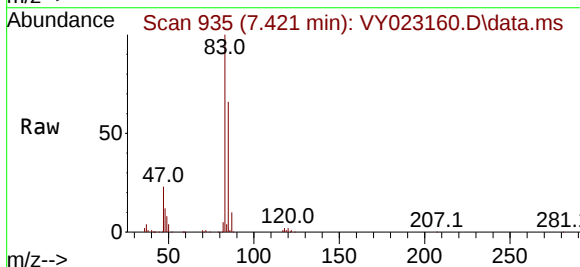
Delta R.T. 0.006 min

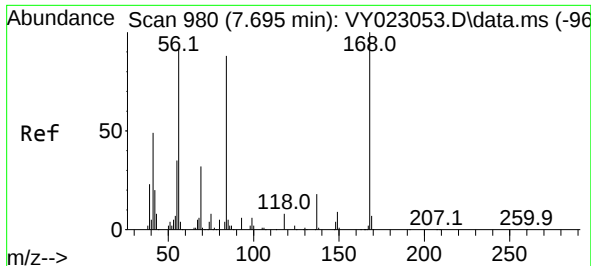
Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

Tgt Ion: 83 Resp: 447102

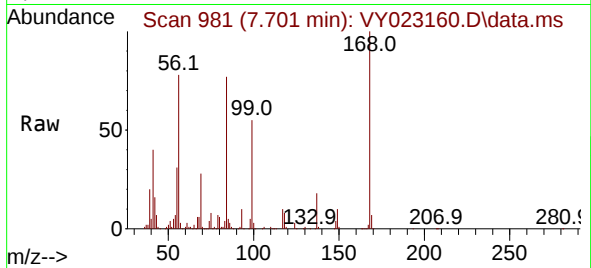
Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.8	80.8





#31
Cyclohexane
Concen: 42.047 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

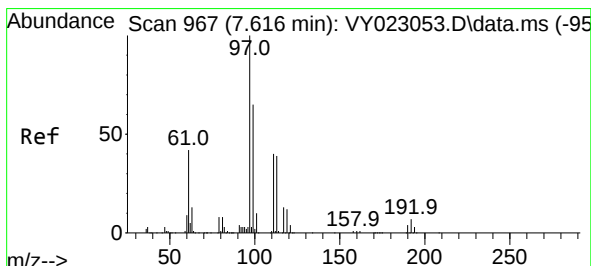
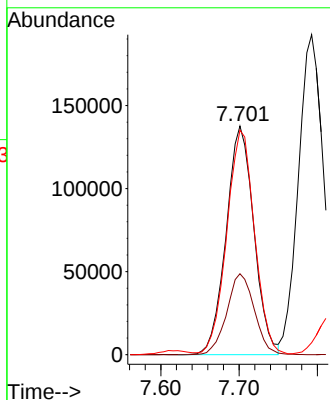
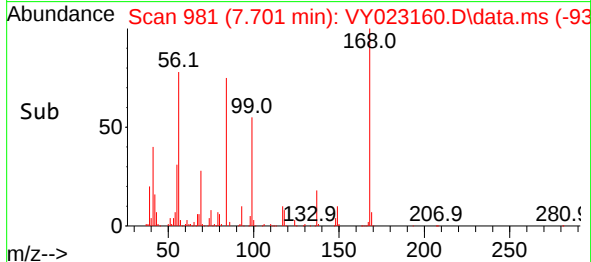
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



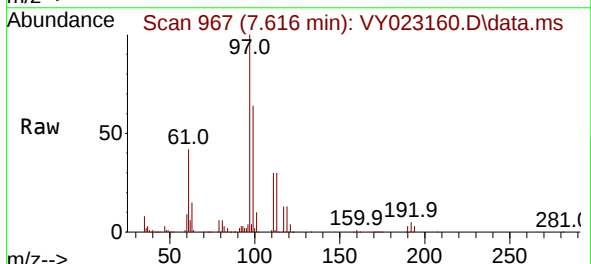
Tgt Ion: 56 Resp: 33881
Ion Ratio Lower Upper
56 100
69 35.4 28.2 42.2
84 96.4 76.6 114.8

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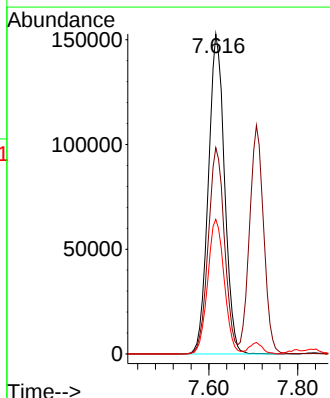
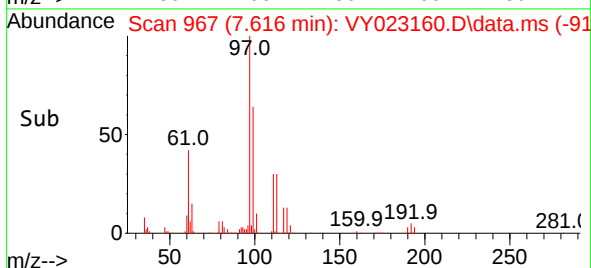
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 49.443 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



Tgt Ion: 97 Resp: 386894
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 42.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.322 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 213375

Ion Ratio Lower Upper

65 100

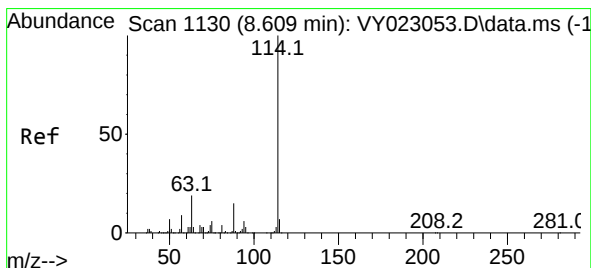
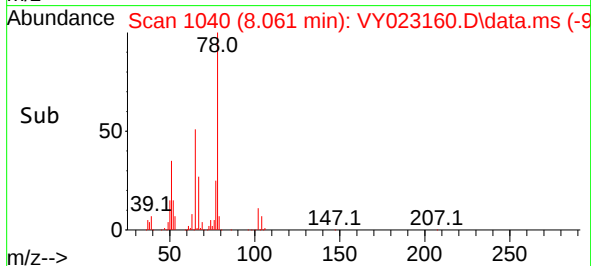
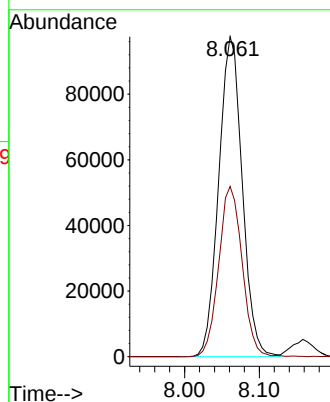
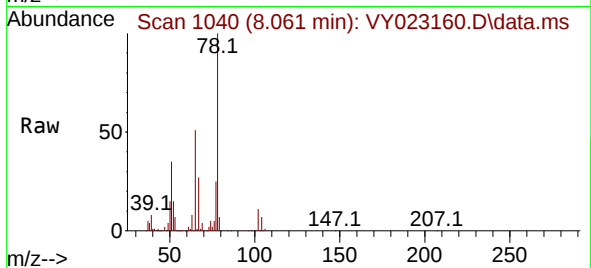
67 53.0 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

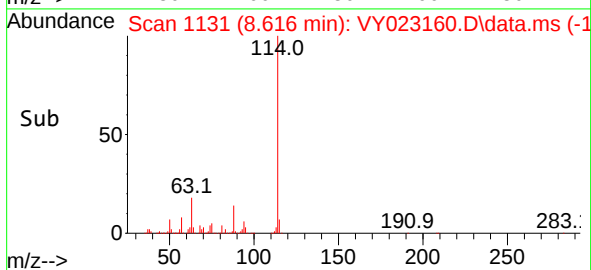
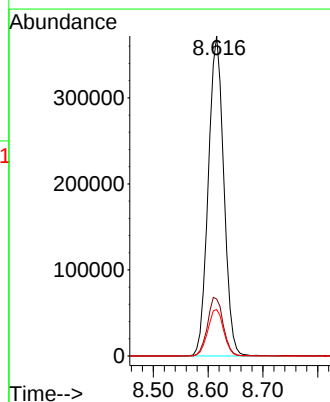
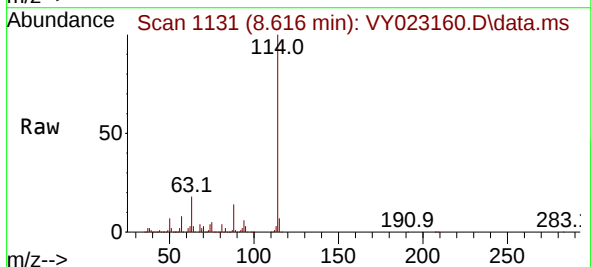
Tgt Ion:114 Resp: 726912

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

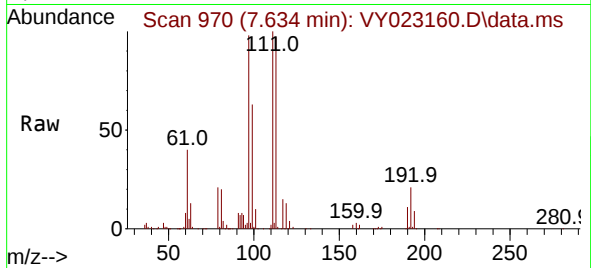
88 14.5 0.0 30.0





#35
Dibromofluoromethane
Concen: 49.903 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

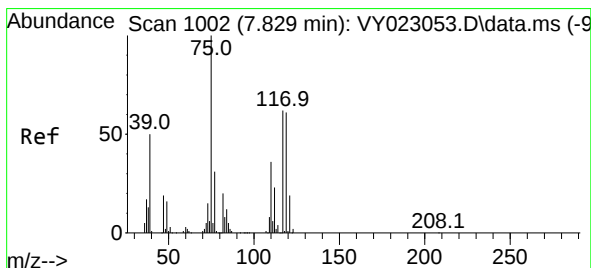
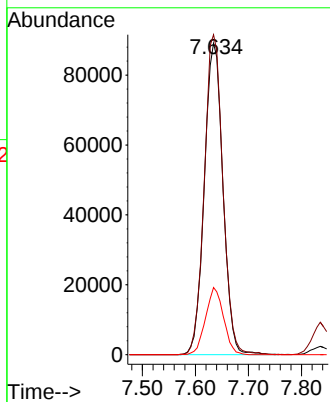
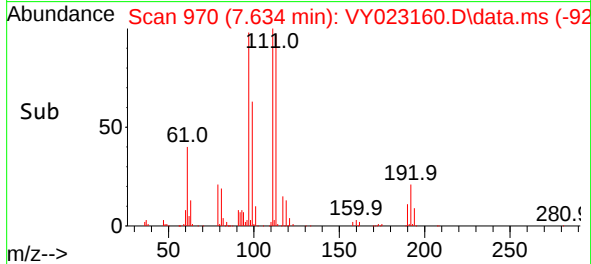
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



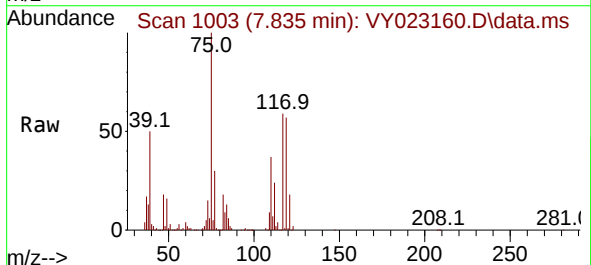
Tgt Ion: 113 Resp: 217058
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 20.9 16.2 24.4

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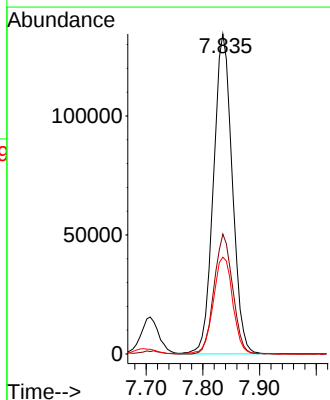
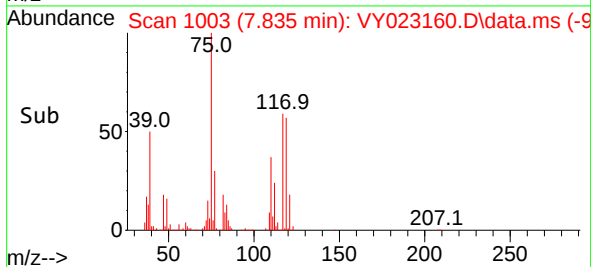
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

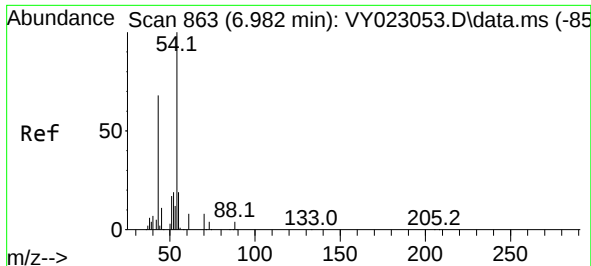


#36
1,1-Dichloropropene
Concen: 47.746 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



Tgt Ion: 75 Resp: 308640
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.4
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 44.444 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023160.D

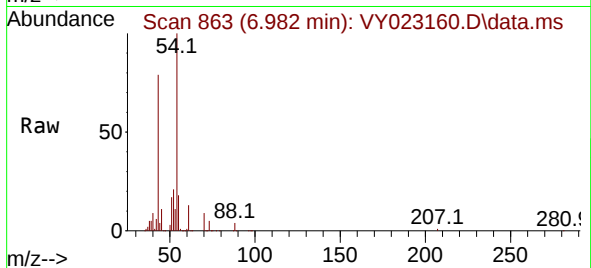
Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 120682

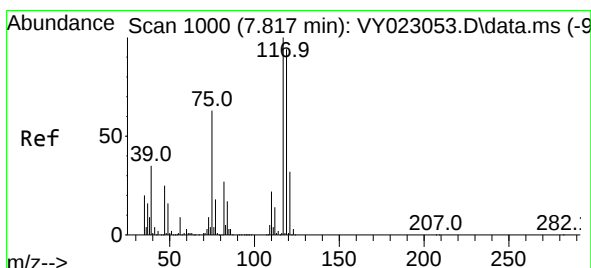
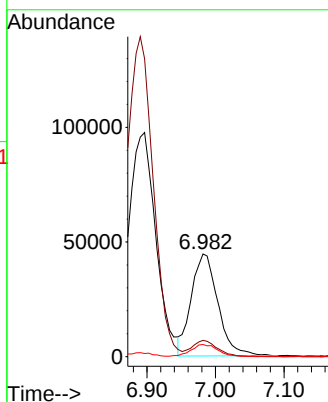
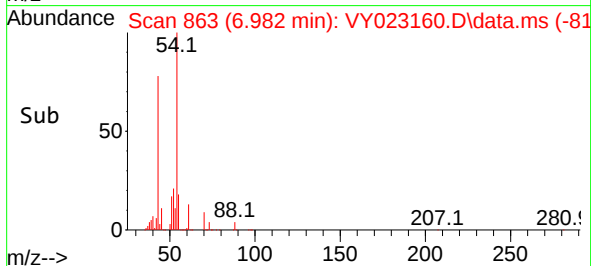
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	12.3	8.8	13.2

Manual Integrations

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Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#38

Carbon Tetrachloride

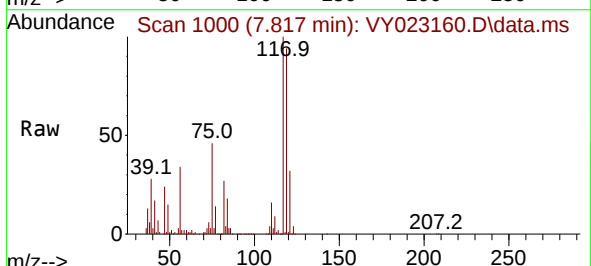
Concen: 48.612 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

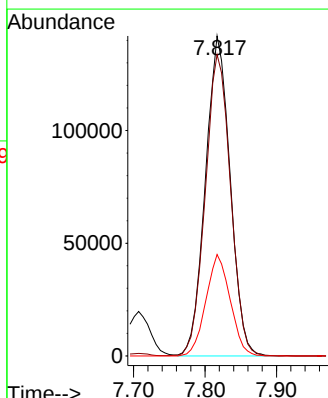
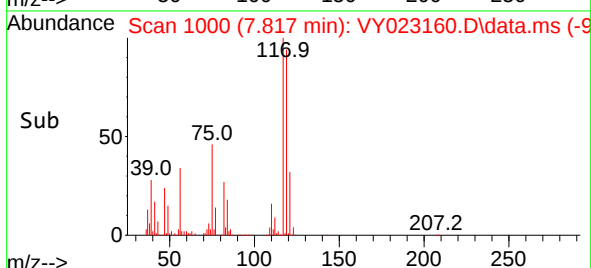
Lab File: VY023160.D

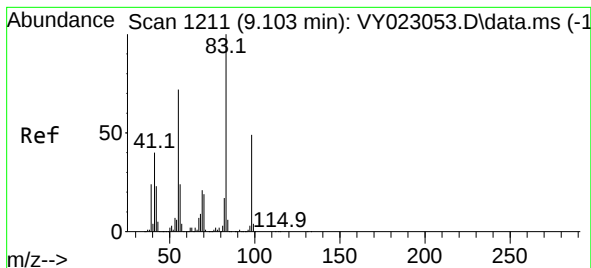
Acq: 19 Aug 2025 19:08



Tgt Ion: 117 Resp: 341297

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.6	113.4
121	31.7	25.8	38.8





#39

Methylcyclohexane

Concen: 45.580 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 38799

Ion Ratio Lower Upper

83 100

55 66.2 57.6 86.4

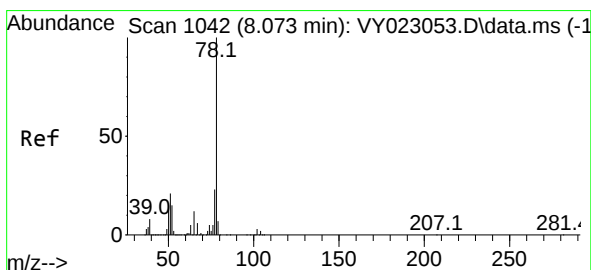
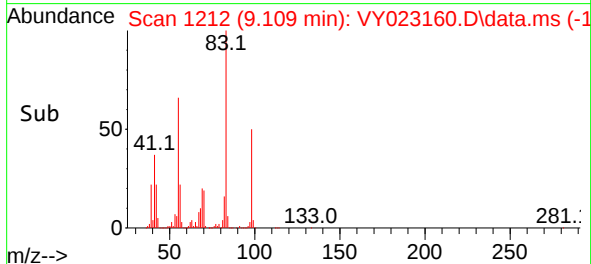
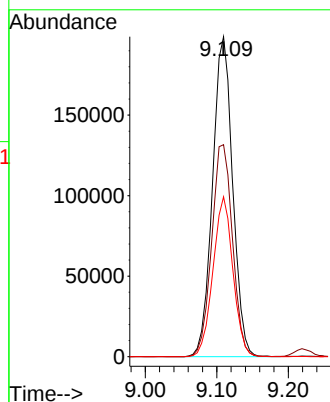
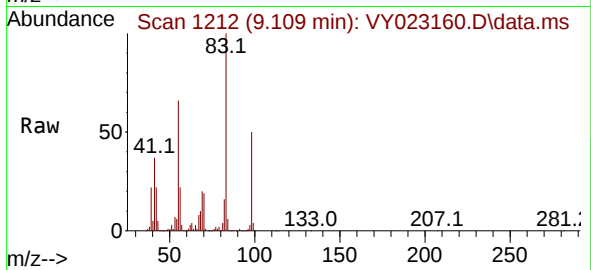
98 49.9 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#40

Benzene

Concen: 50.170 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023160.D

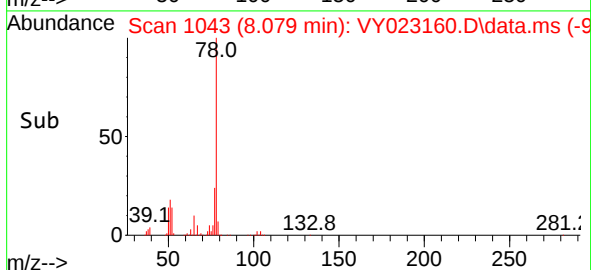
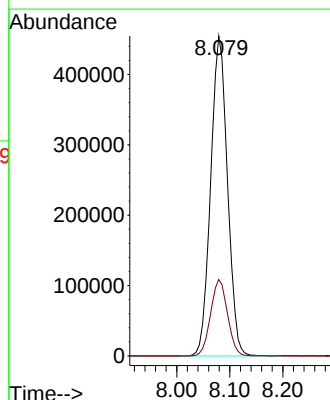
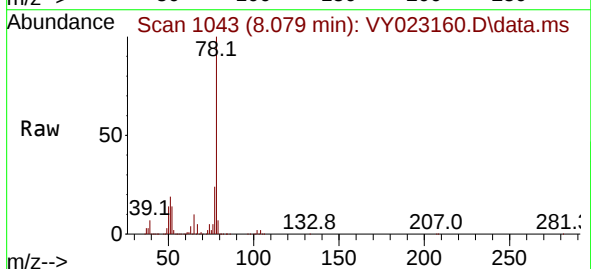
Acq: 19 Aug 2025 19:08

Tgt Ion: 78 Resp: 999546

Ion Ratio Lower Upper

78 100

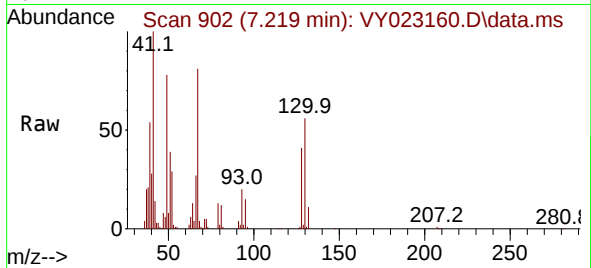
77 23.9 18.6 28.0





#41
Methacrylonitrile
Concen: 41.877 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

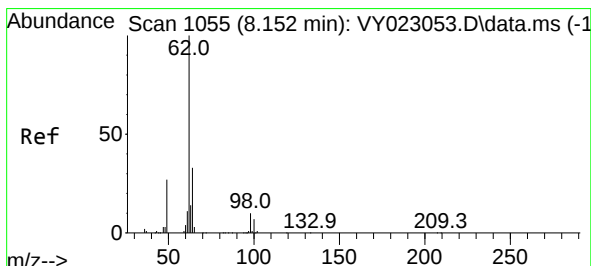
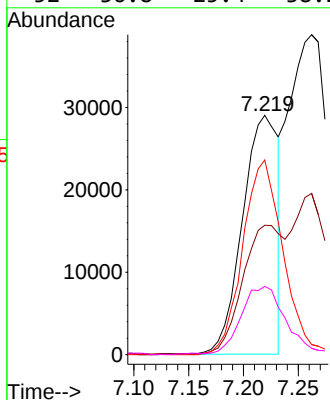
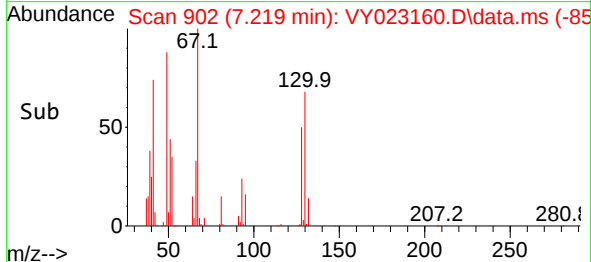
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	65620
Ion Ratio	100	Lower	Upper
39	62.3	43.4	65.2
67	92.6	63.6	95.4
52	36.8	25.4	38.2

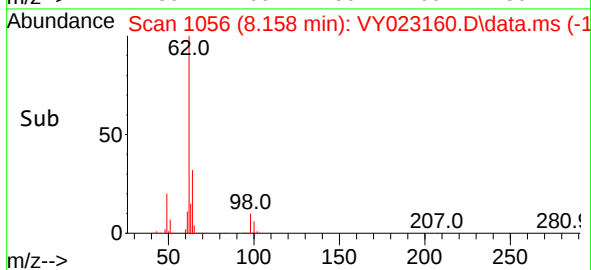
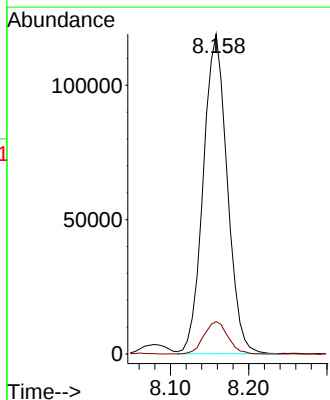
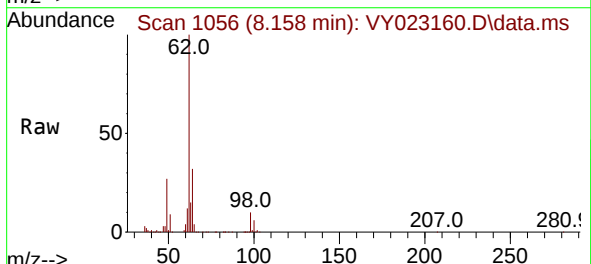
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 48.835 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

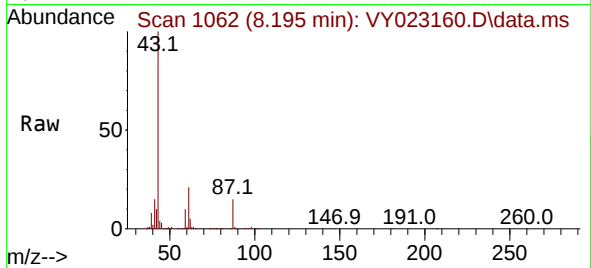
Tgt Ion:	62	Resp:	253049
Ion Ratio	100	Lower	Upper
98	10.1	0.0	20.6





#43
Isopropyl Acetate
Concen: 44.694 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

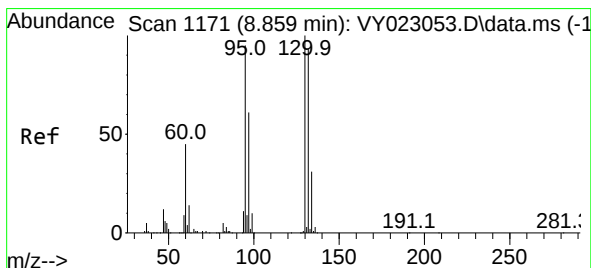
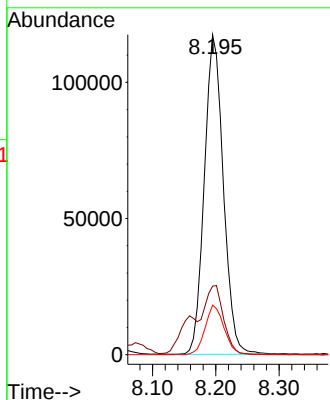
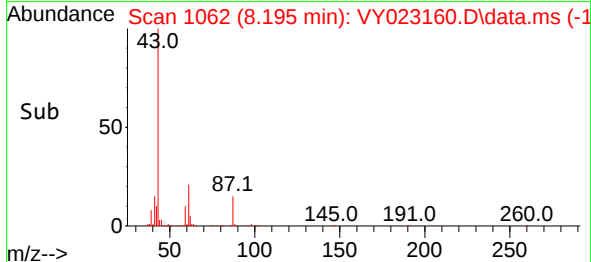
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



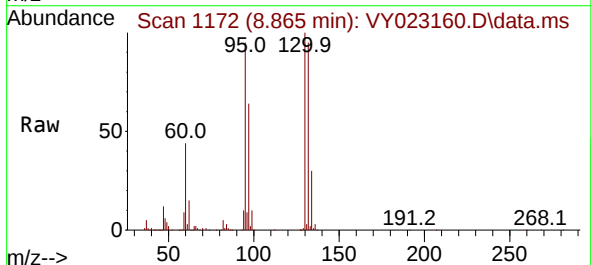
Tgt Ion: 43 Resp: 245293
Ion Ratio Lower Upper
43 100
61 22.2 16.4 24.6
87 15.5 11.8 17.6

Manual Integrations
APPROVED

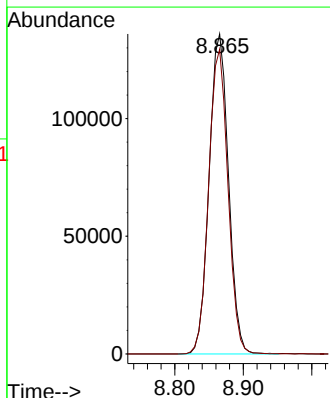
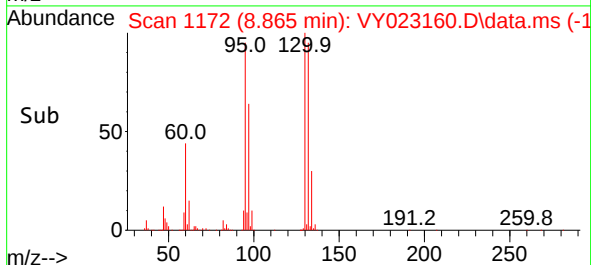
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#44
Trichloroethene
Concen: 51.782 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



Tgt Ion:130 Resp: 266609
Ion Ratio Lower Upper
130 100
95 95.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 49.829 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 22842

Ion Ratio Lower Upper

63 100

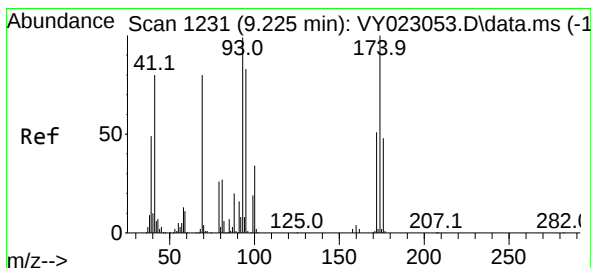
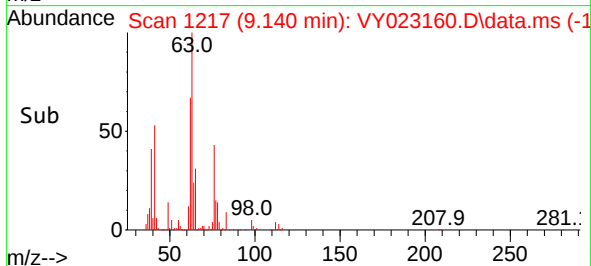
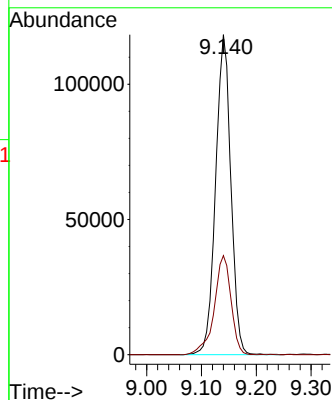
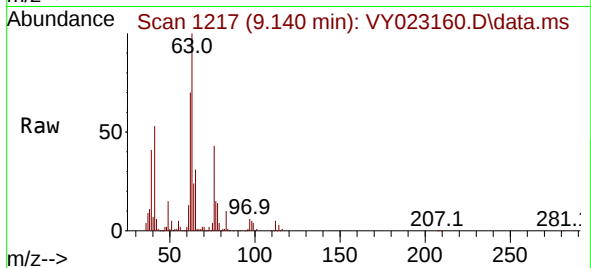
65 31.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#46

Dibromomethane

Concen: 49.971 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

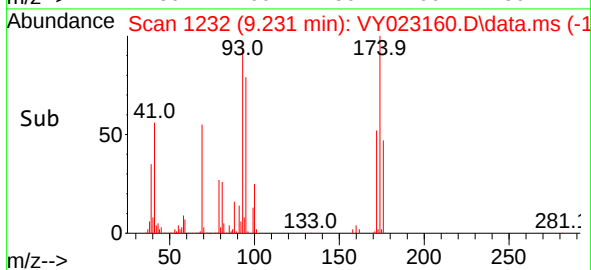
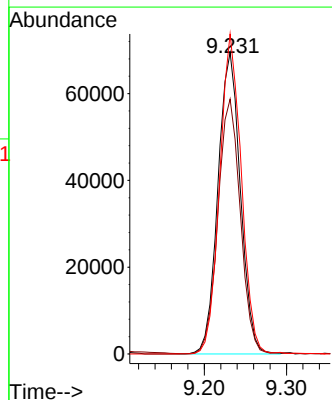
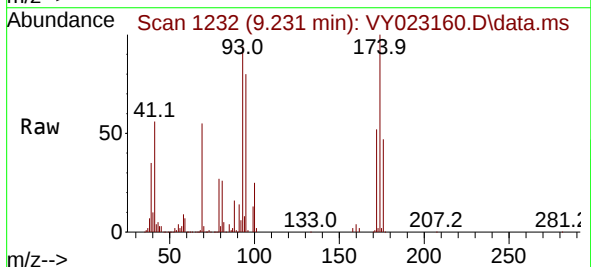
Tgt Ion: 93 Resp: 131481

Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

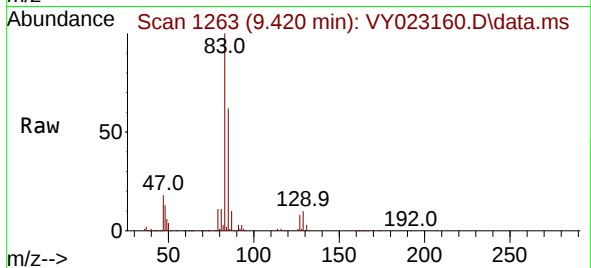
174 102.7 81.8 122.8





#47
Bromodichloromethane
Concen: 50.703 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

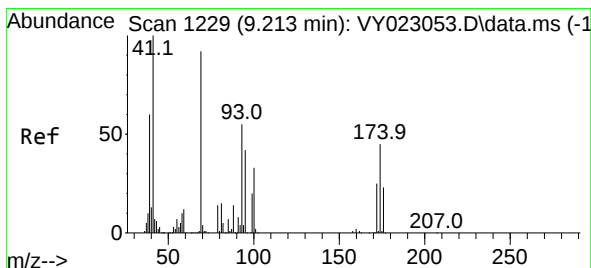
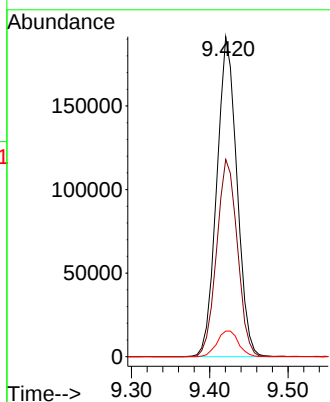
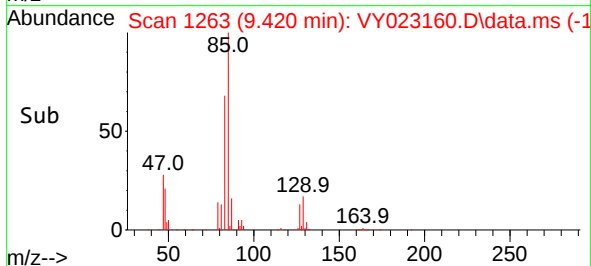
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 343279
Ion Ratio Lower Upper
83 100
85 61.6 50.2 75.4
127 8.0 6.6 10.0

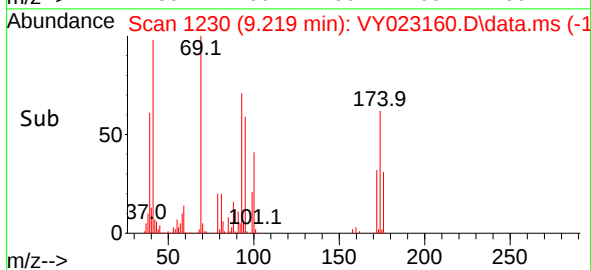
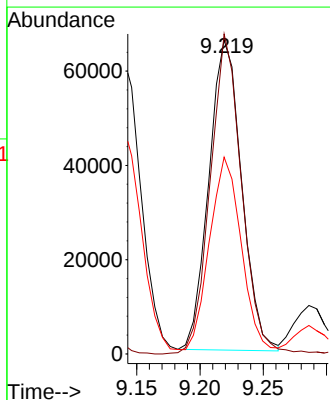
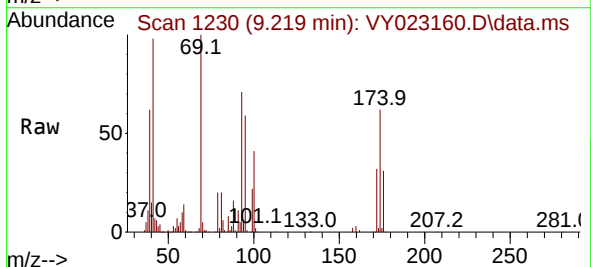
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 45.021 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Tgt Ion: 41 Resp: 118237
Ion Ratio Lower Upper
41 100
69 99.0 73.2 109.8
39 59.8 47.0 70.4





#49

1,4-Dioxane

Concen: 946.444 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

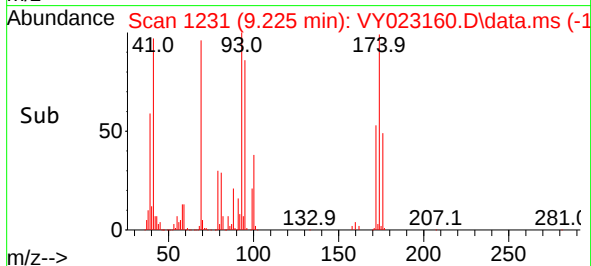
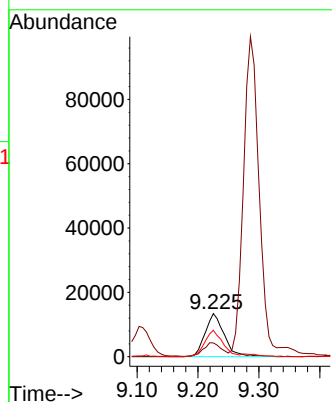
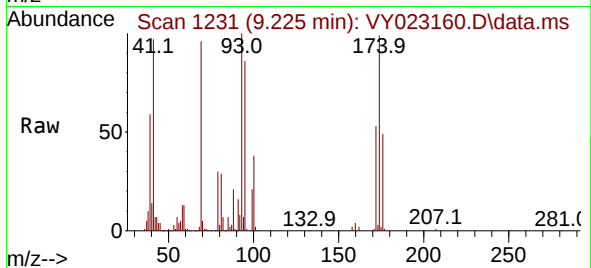
Tgt Ion:	88	Resp:	2919
Ion Ratio	Lower	Upper	
88	100		
43	29.7	24.3	36.5
58	57.5	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#50

Toluene-d8

Concen: 50.853 ug/l

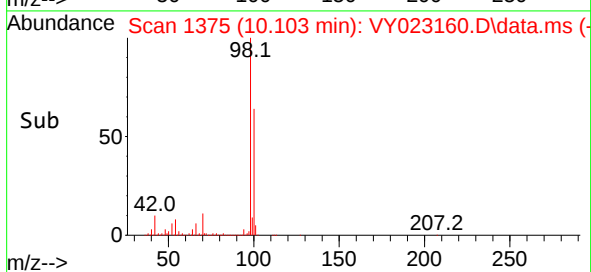
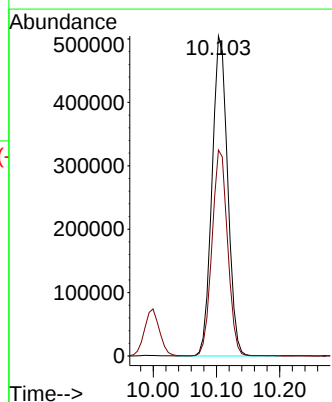
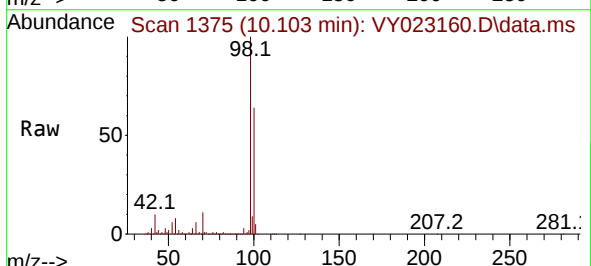
RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

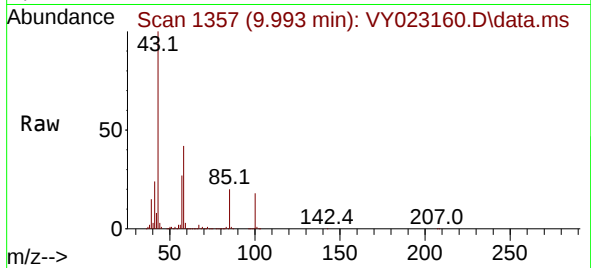
Tgt Ion:	98	Resp:	864097
Ion Ratio	Lower	Upper	
98	100		
100	64.3	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 231.971 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

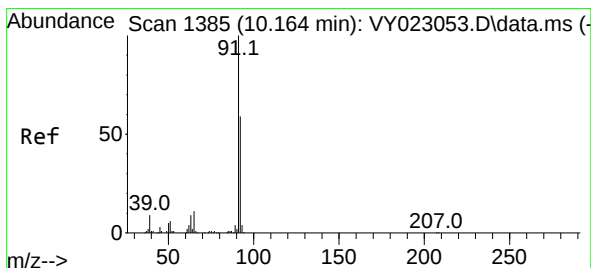
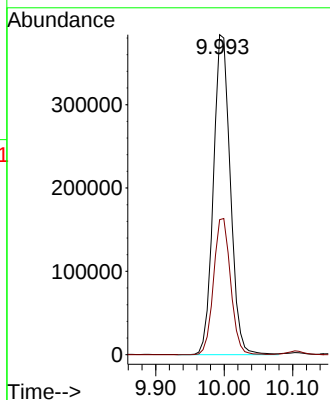
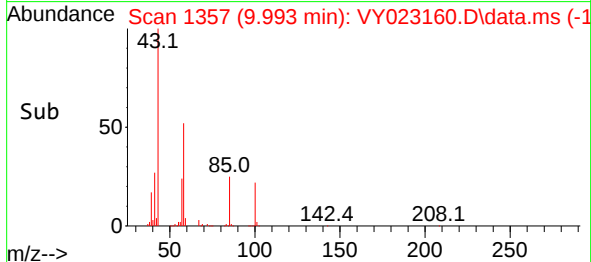
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



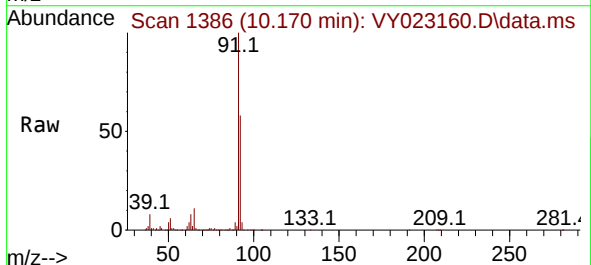
Tgt Ion: 43 Resp: 656710
Ion Ratio Lower Upper
43 100
58 42.9 33.5 50.3

Manual Integrations
APPROVED

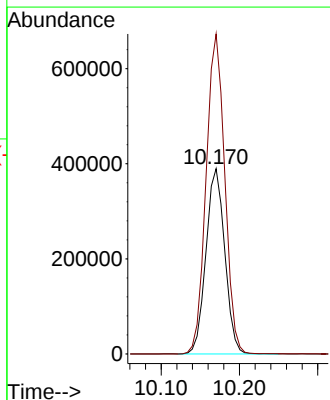
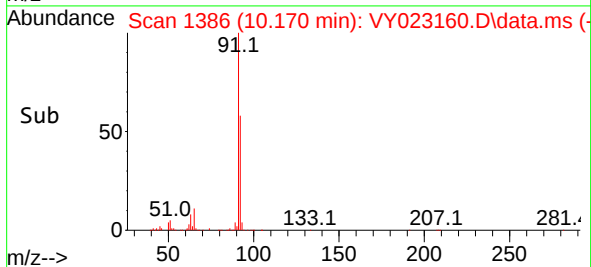
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

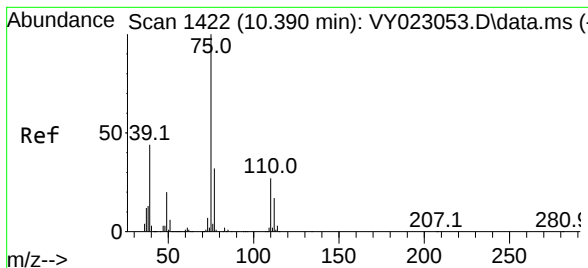


#52
Toluene
Concen: 51.179 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



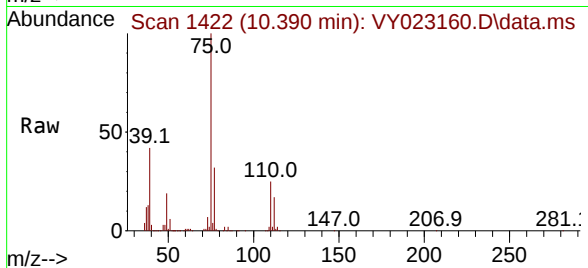
Tgt Ion: 92 Resp: 647611
Ion Ratio Lower Upper
92 100
91 171.9 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 48.297 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

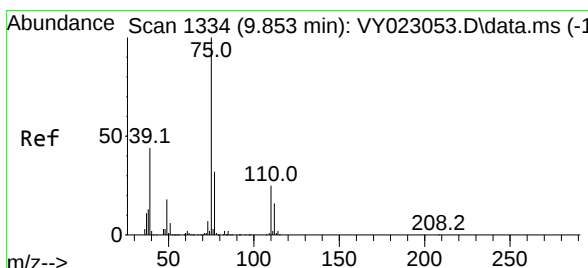
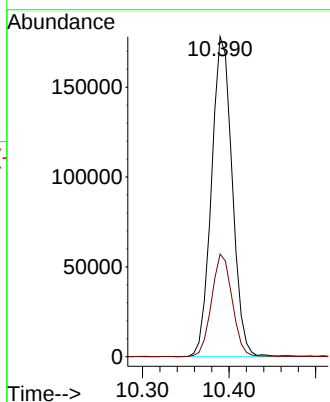
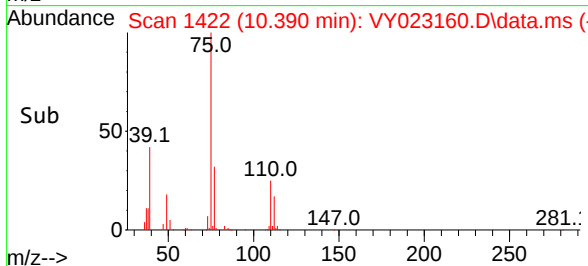
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



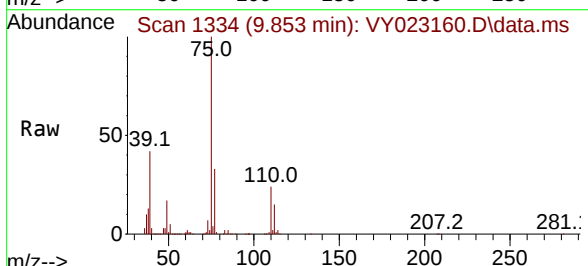
Tgt Ion: 75 Resp: 296104
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

Manual Integrations
APPROVED

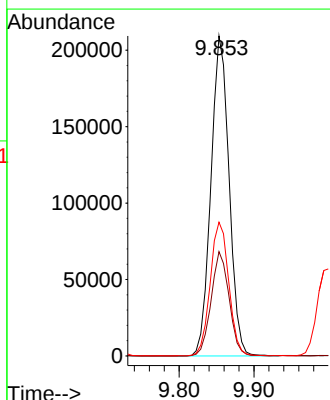
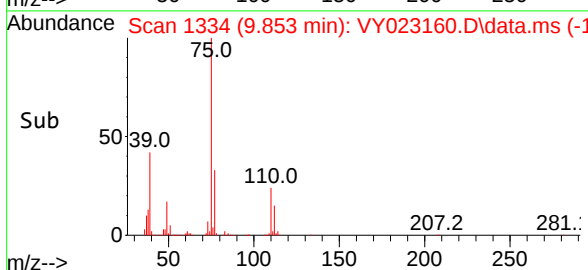
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

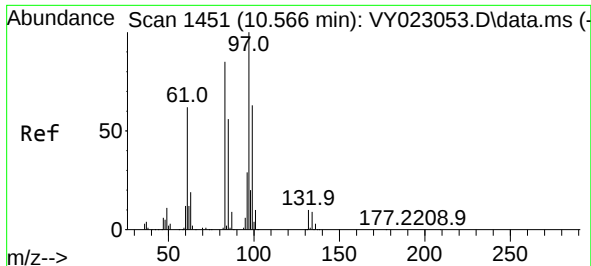


#54
cis-1,3-Dichloropropene
Concen: 48.751 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



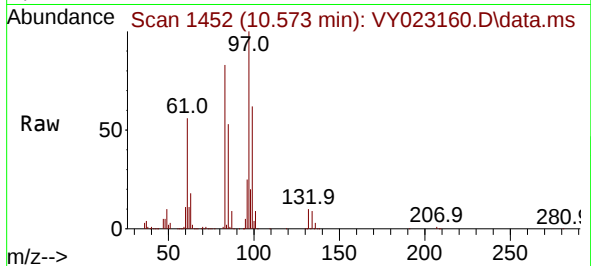
Tgt Ion: 75 Resp: 353426
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 41.7 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 50.180 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

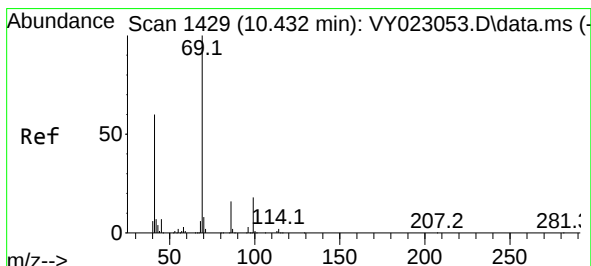
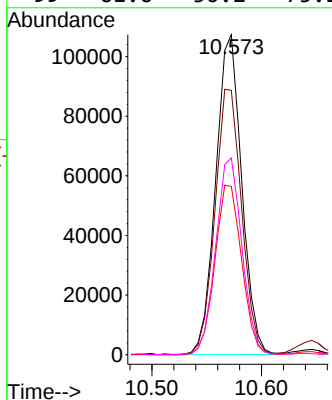
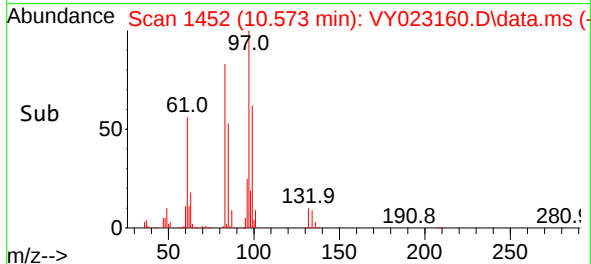
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



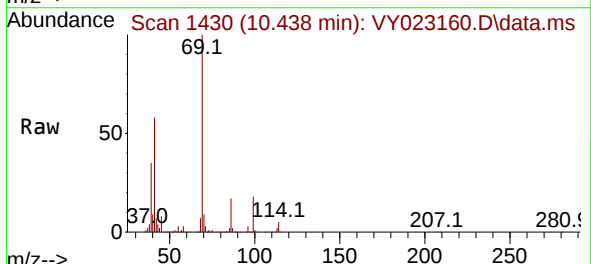
Tgt Ion: 97 Resp: 176672
Ion Ratio Lower Upper
97 100
83 82.7 67.7 101.5
85 52.7 44.5 66.7
99 61.6 50.2 75.2

Manual Integrations
APPROVED

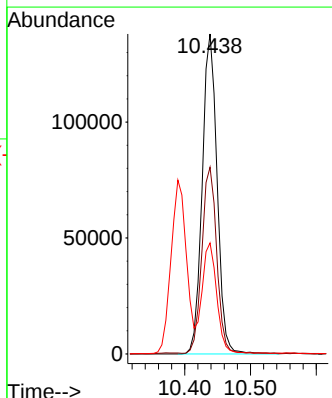
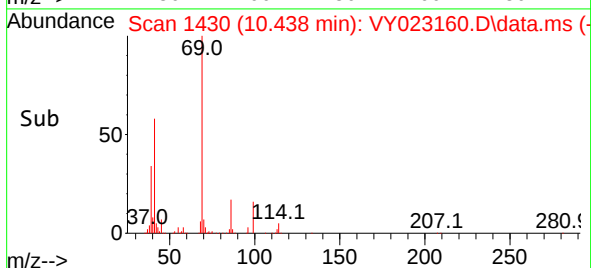
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

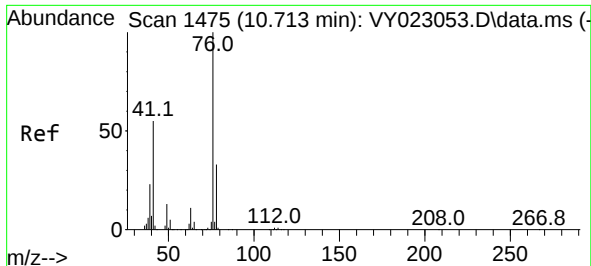


#56
Ethyl methacrylate
Concen: 48.375 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



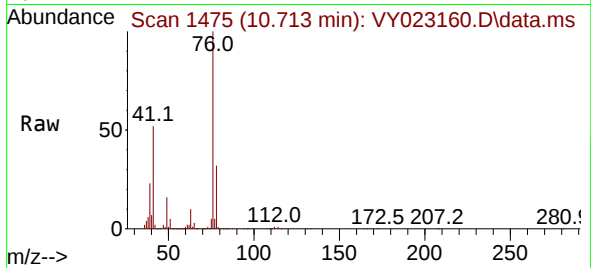
Tgt Ion: 69 Resp: 217938
Ion Ratio Lower Upper
69 100
41 58.3 48.6 72.8
39 34.0 27.0 40.4





#57
1,3-Dichloropropane
Concen: 48.952 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

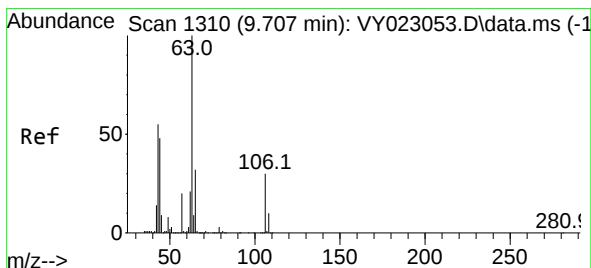
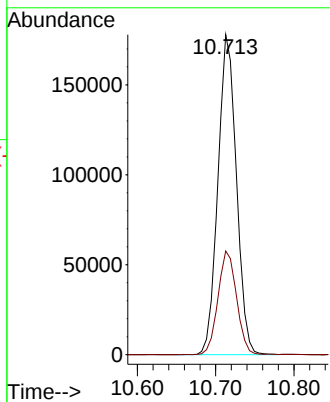
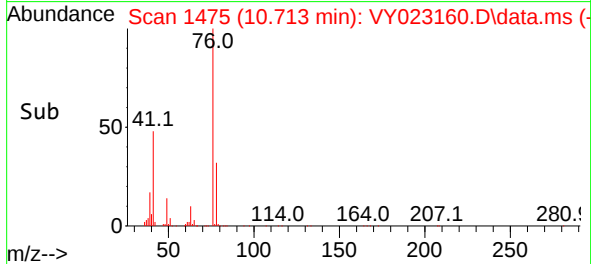
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



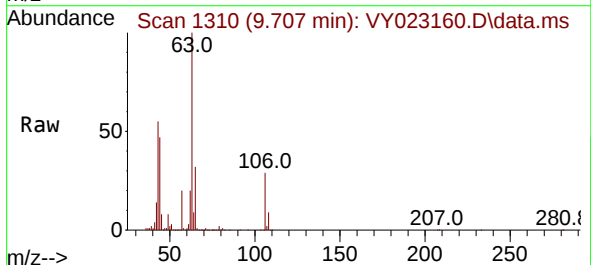
Tgt Ion: 76 Resp: 29229
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

Manual Integrations
APPROVED

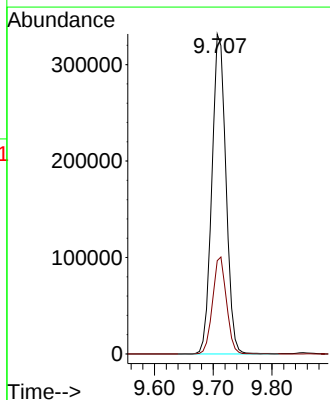
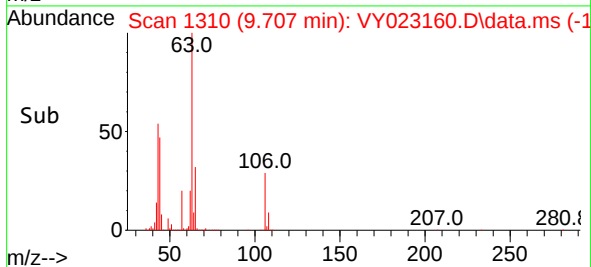
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

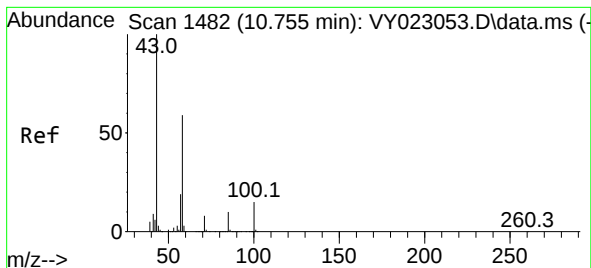


#58
2-Chloroethyl Vinyl ether
Concen: 259.330 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



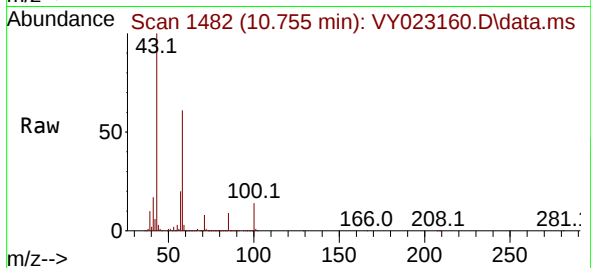
Tgt Ion: 63 Resp: 551100
Ion Ratio Lower Upper
63 100
106 29.9 23.2 34.8





#59
2-Hexanone
Concen: 225.681 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

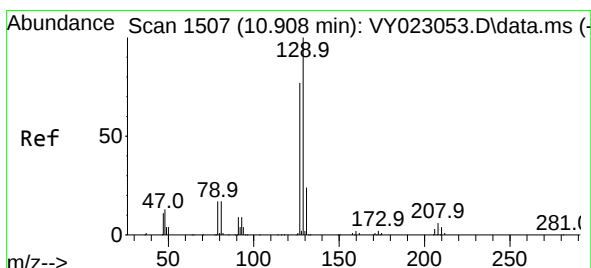
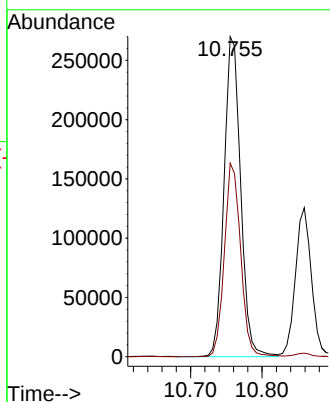
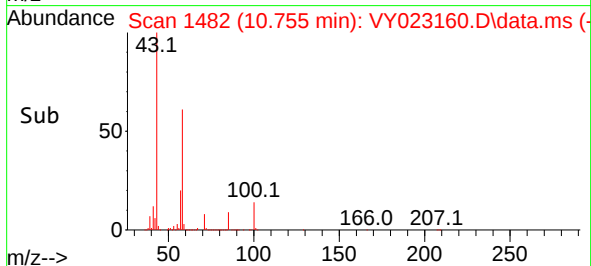
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



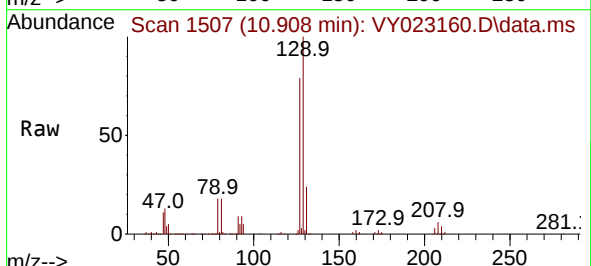
Tgt Ion: 43 Resp: 435049
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5

Manual Integrations
APPROVED

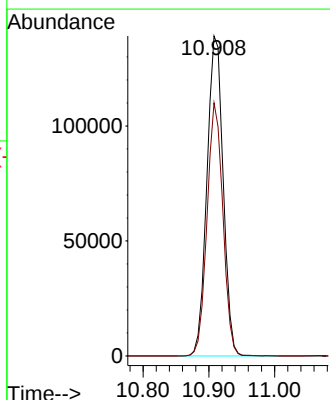
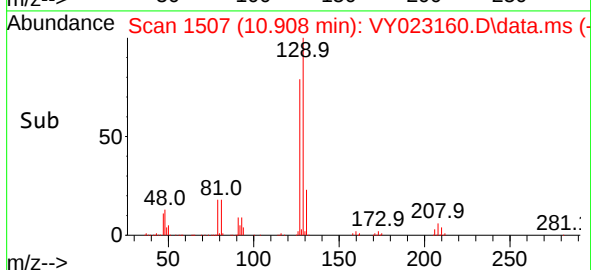
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

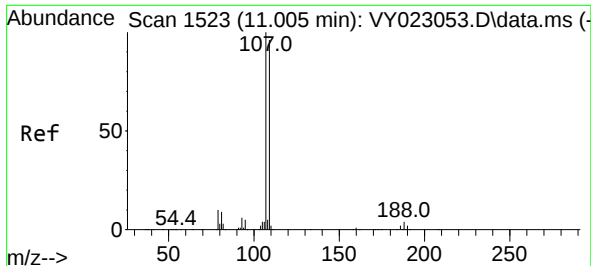


#60
Dibromochloromethane
Concen: 51.365 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



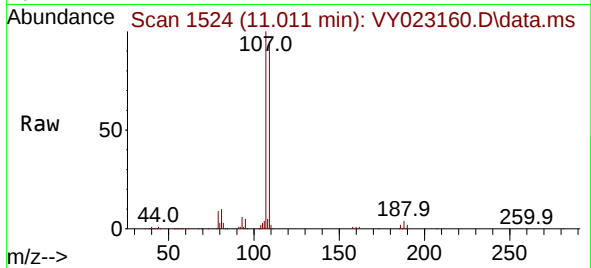
Tgt Ion:129 Resp: 238623
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.588 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

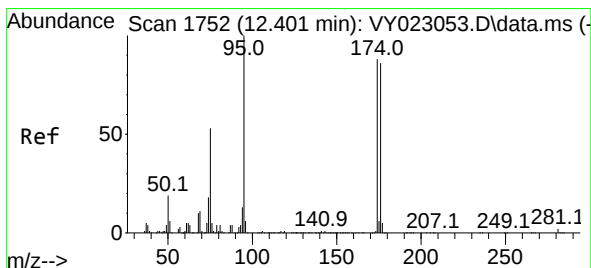
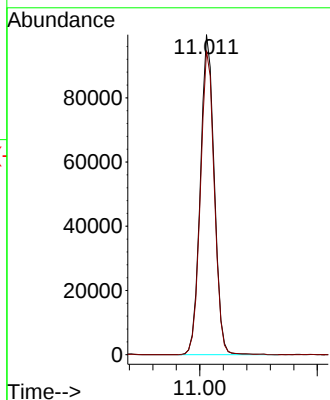
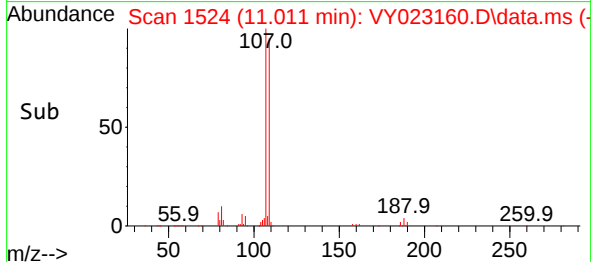
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 164095
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

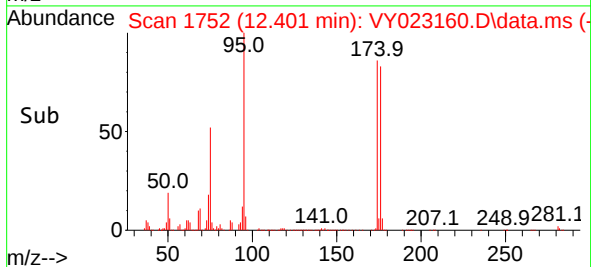
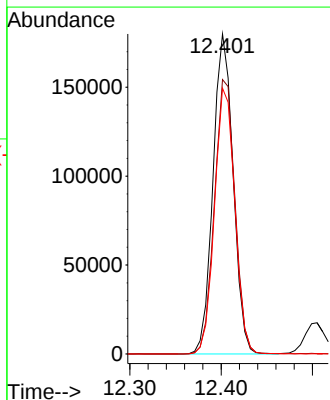
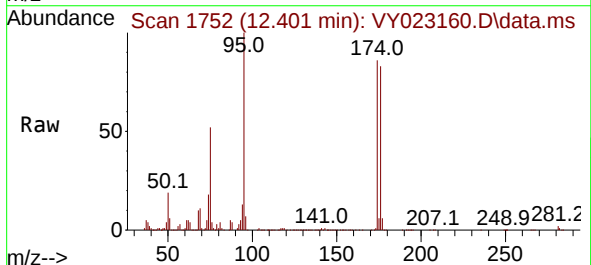
Manual Integrations
APPROVED

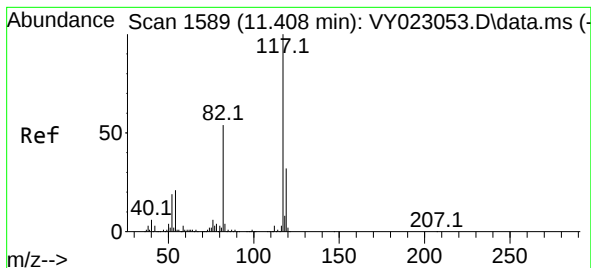
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#62
4-Bromofluorobenzene
Concen: 50.308 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

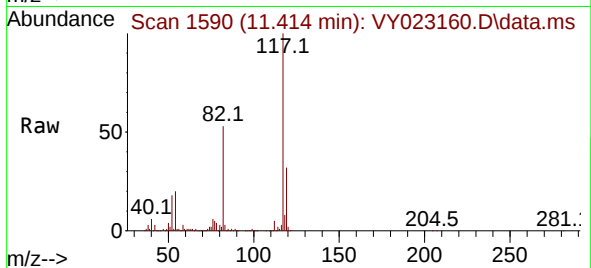
Tgt Ion: 95 Resp: 274917
Ion Ratio Lower Upper
95 100
174 87.9 0.0 171.6
176 84.1 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

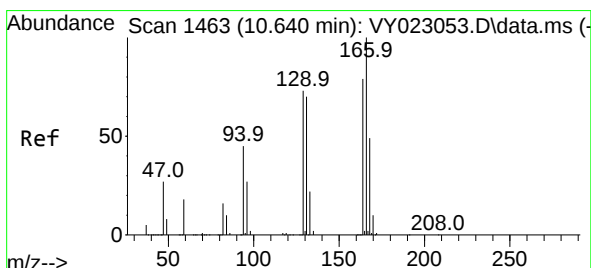
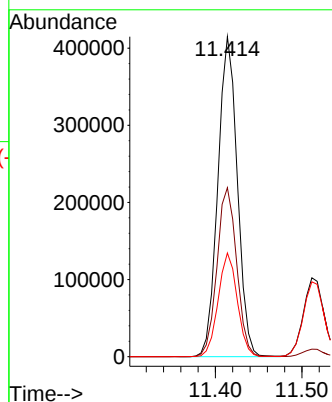
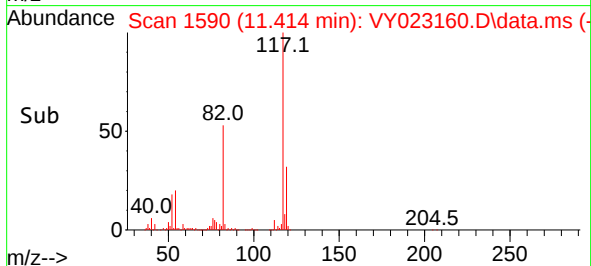
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



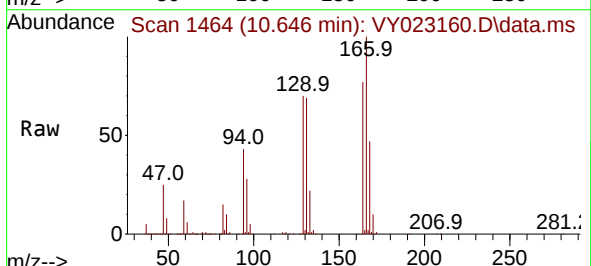
Tgt Ion:117 Resp: 647238
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.4 25.6 38.4

Manual Integrations
APPROVED

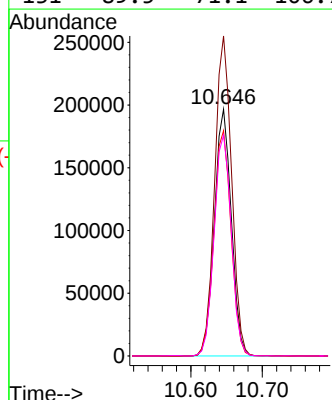
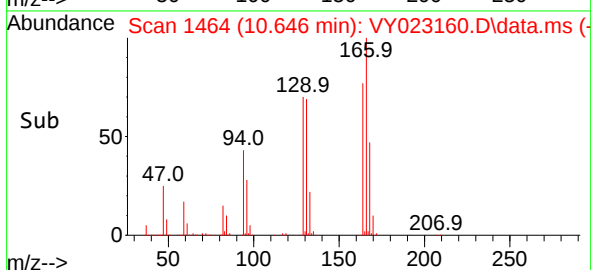
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

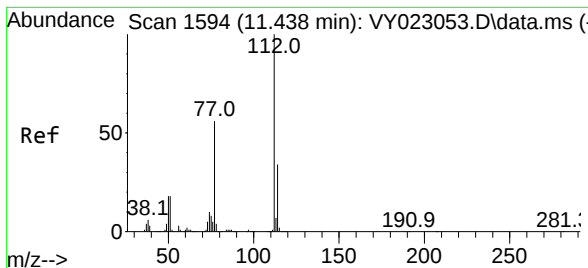


#64
Tetrachloroethene
Concen: 56.055 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



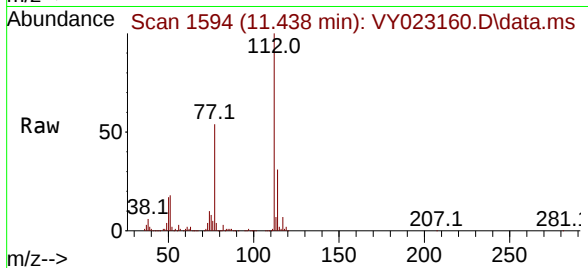
Tgt Ion:164 Resp: 323963
Ion Ratio Lower Upper
164 100
166 129.7 101.1 151.7
129 91.3 74.0 111.0
131 89.5 71.1 106.7





#65
Chlorobenzene
Concen: 50.434 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

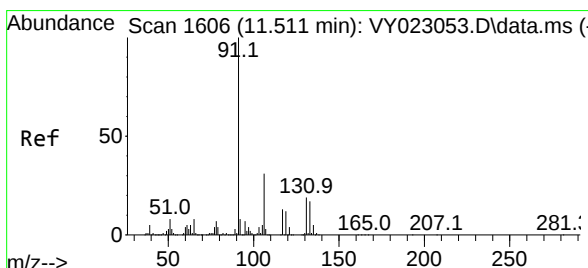
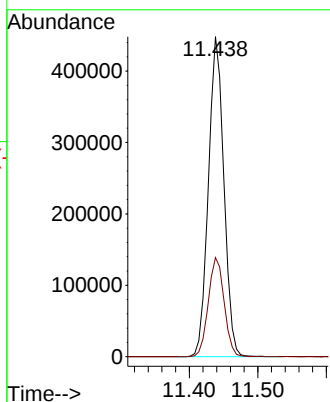
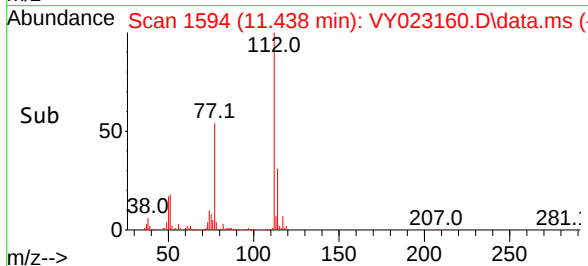
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



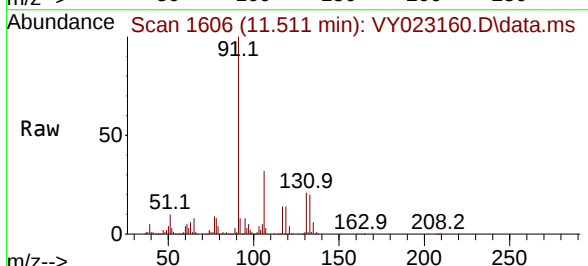
Tgt Ion:112 Resp: 70410
Ion Ratio Lower Upper
112 100
114 31.0 27.0 40.4

Manual Integrations
APPROVED

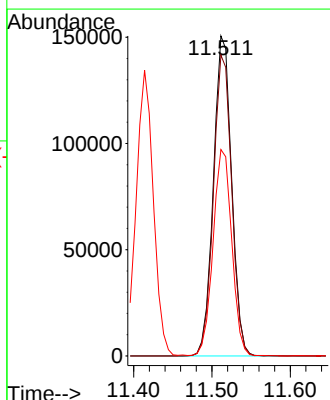
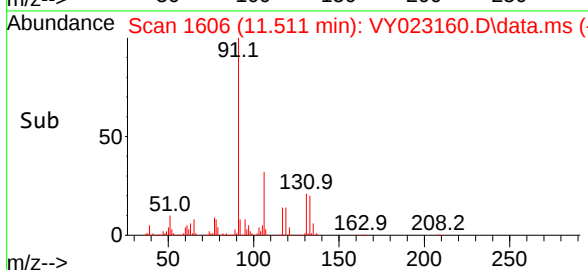
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

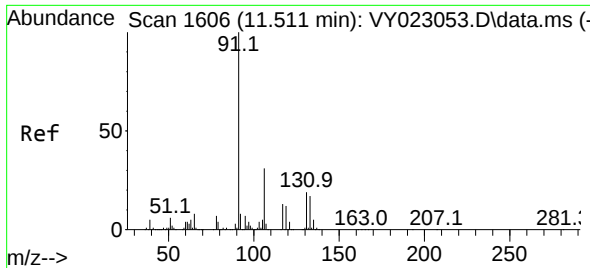


#66
1,1,1,2-Tetrachloroethane
Concen: 51.411 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



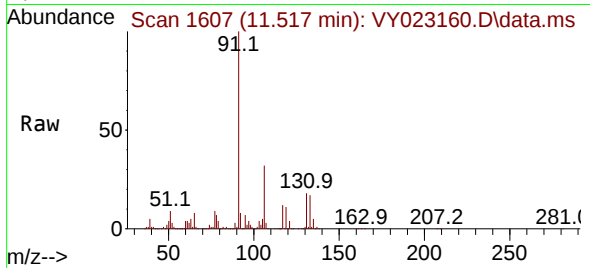
Tgt Ion:131 Resp: 243596
Ion Ratio Lower Upper
131 100
133 94.2 46.9 140.6
119 66.4 33.2 99.6





#67
Ethyl Benzene
Concen: 50.888 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

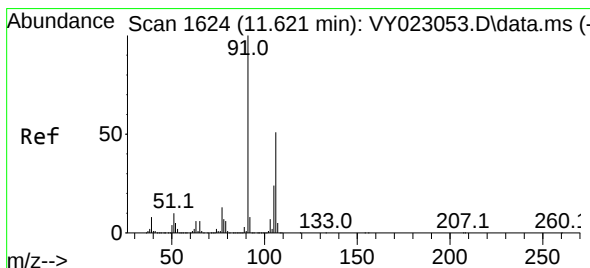
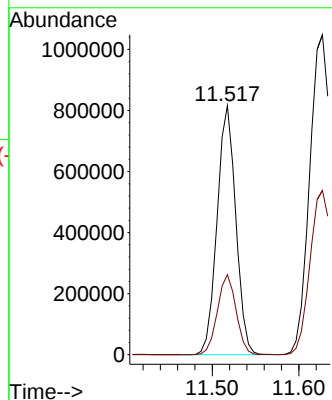
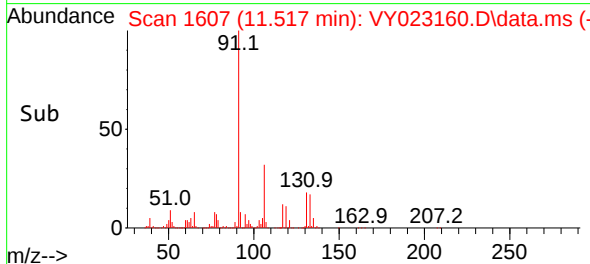
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



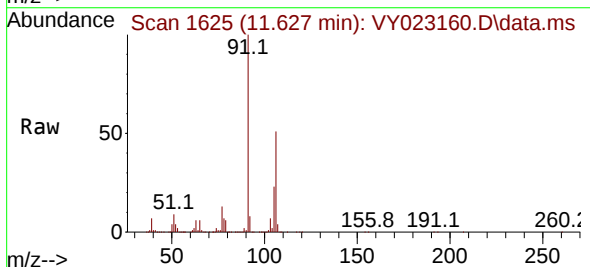
Tgt Ion: 91 Resp: 1222608
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4

Manual Integrations
APPROVED

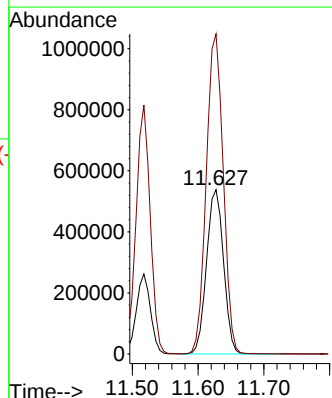
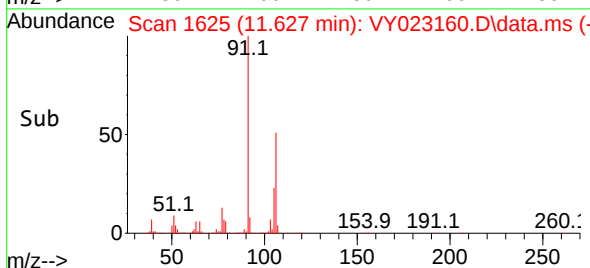
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

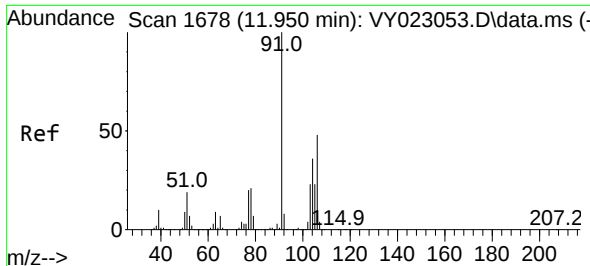


#68
m/p-Xylenes
Concen: 103.051 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



Tgt Ion:106 Resp: 966978
Ion Ratio Lower Upper
106 100
91 194.8 158.6 238.0





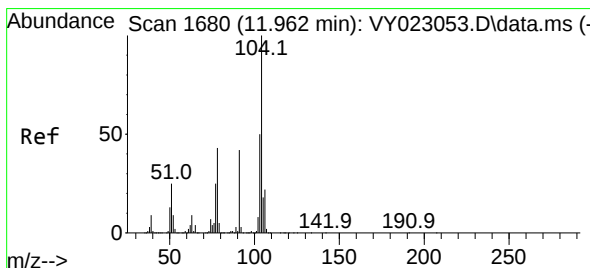
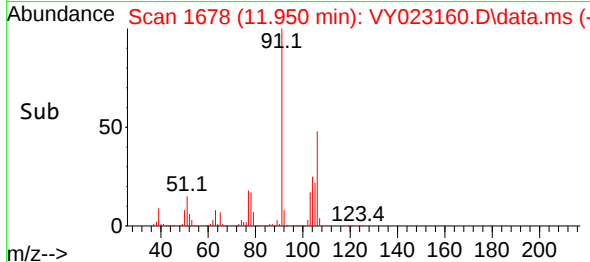
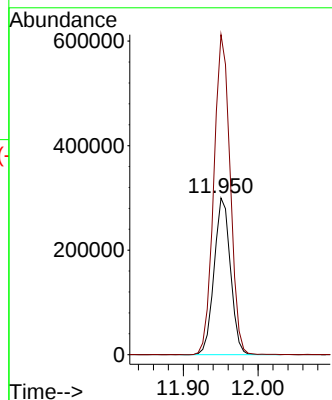
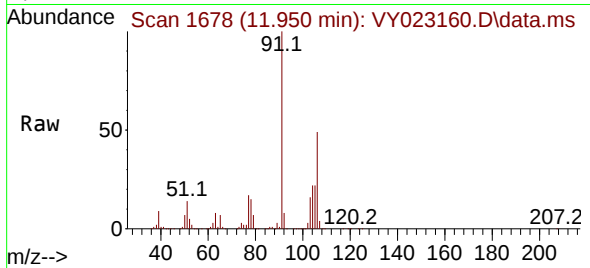
#69
o-Xylene
Concen: 51.799 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 455230
Ion Ratio Lower Upper
106 100
91 204.7 103.2 309.4

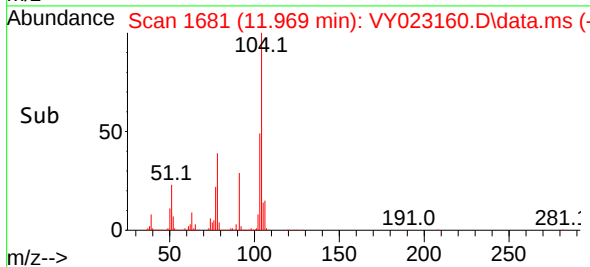
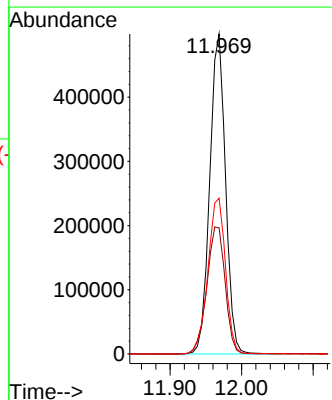
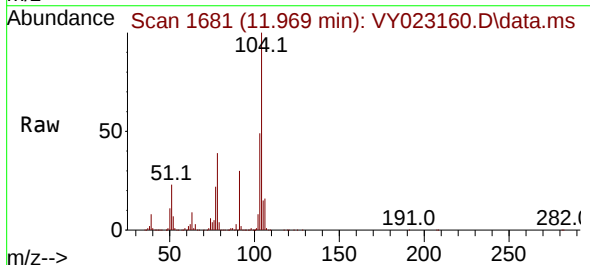
Manual Integrations
APPROVED

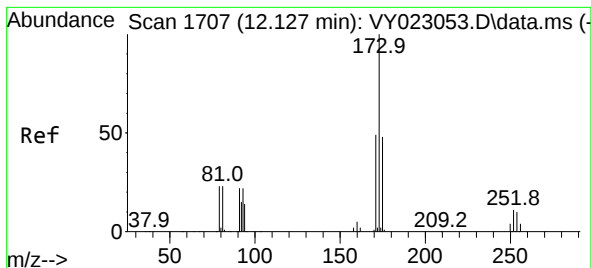
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 53.132 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Tgt Ion:104 Resp: 763639
Ion Ratio Lower Upper
104 100
78 46.1 38.5 57.7
103 54.4 43.7 65.5





#71

Bromoform

Concen: 48.980 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023160.D

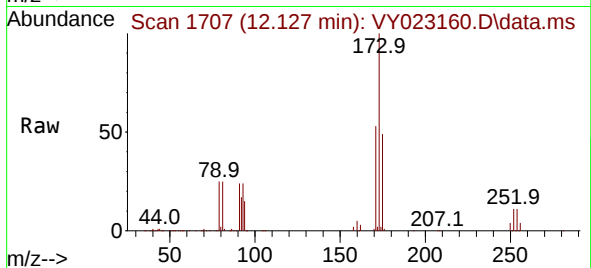
Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 135638

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

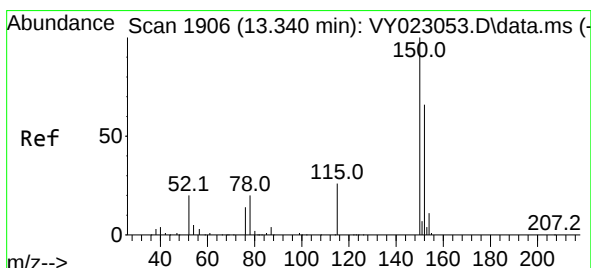
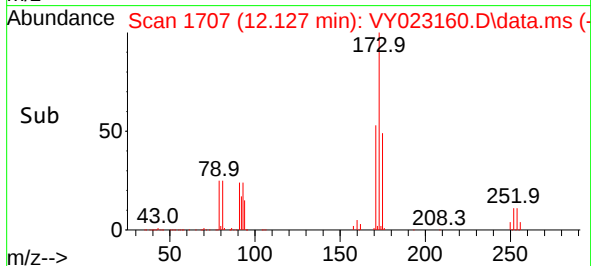
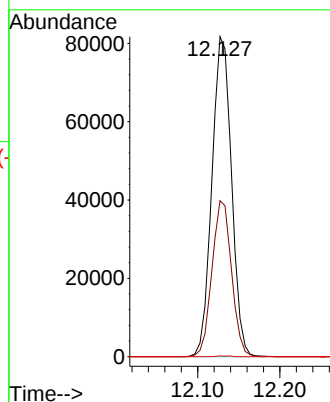
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

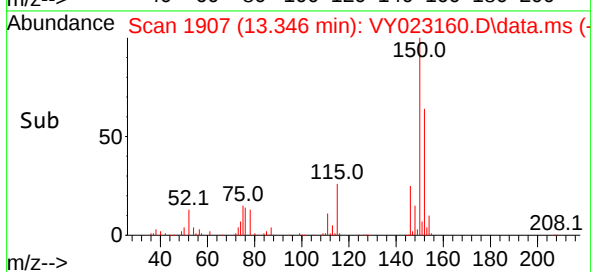
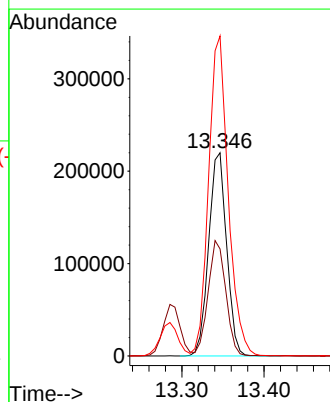
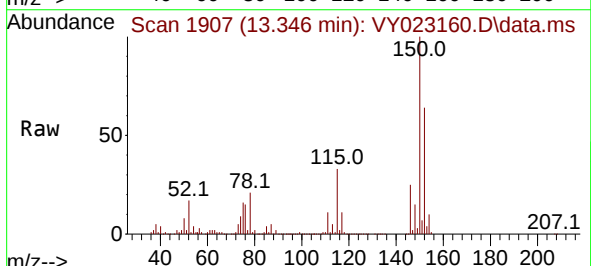
Tgt Ion:152 Resp: 333557

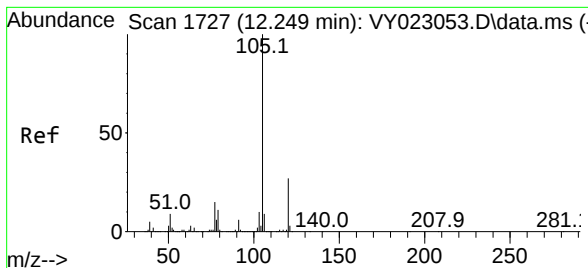
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.6

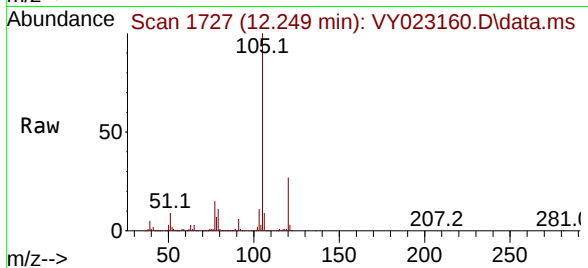
150 171.6 0.0 348.0





#73
Isopropylbenzene
Concen: 49.330 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

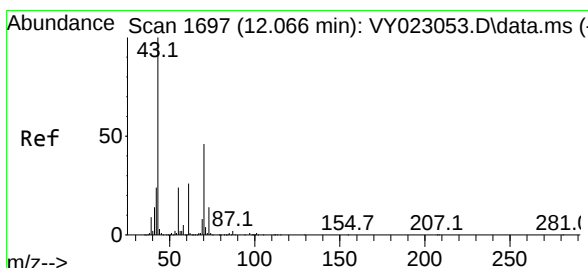
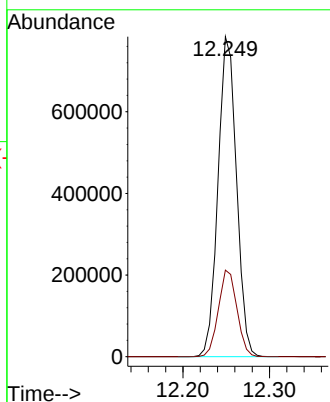
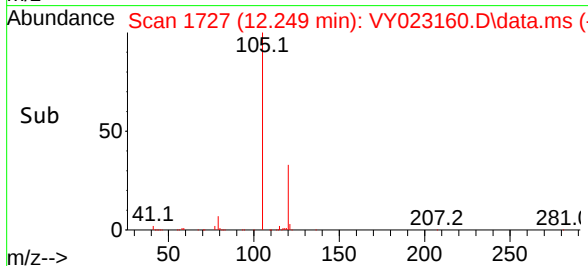
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



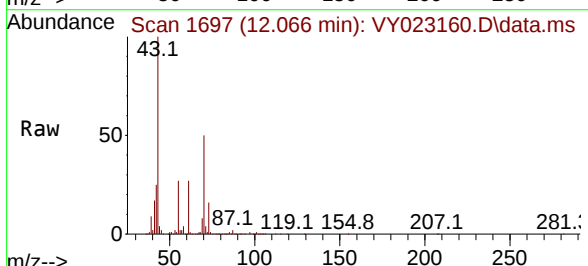
Tgt Ion:105 Resp: 116133
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

Manual Integrations
APPROVED

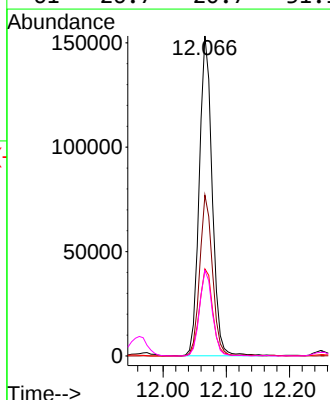
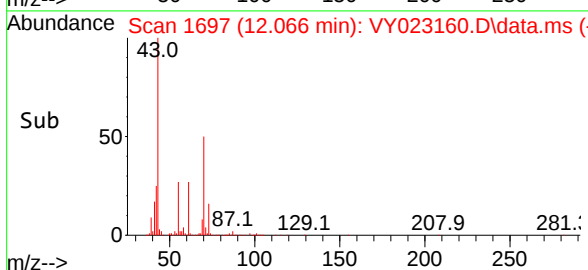
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

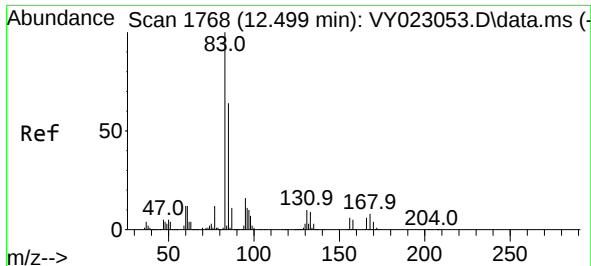


#74
N-ethyl acetate
Concen: 43.613 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



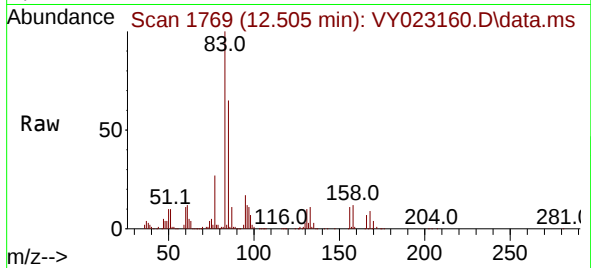
Tgt Ion: 43 Resp: 217737
Ion Ratio Lower Upper
43 100
70 49.5 37.5 56.3
55 28.2 20.7 31.1
61 26.7 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 43.025 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

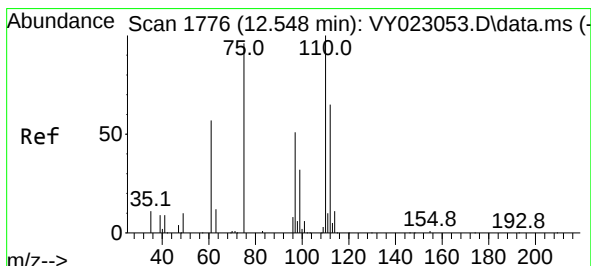
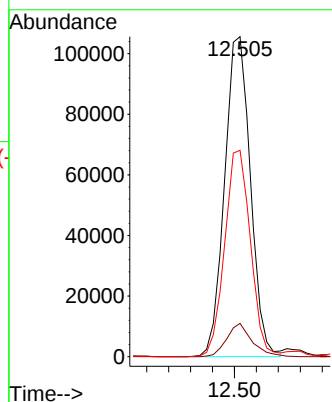
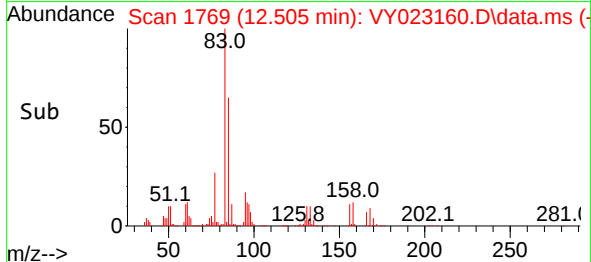
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 17295
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.4 31.8 95.3

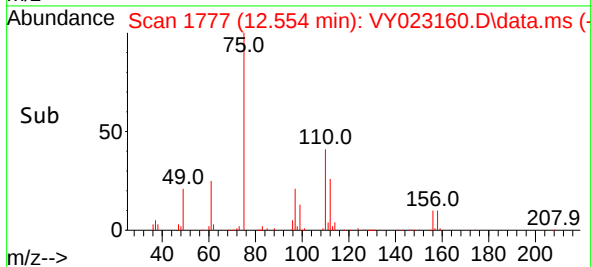
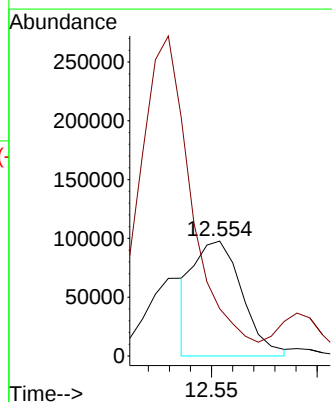
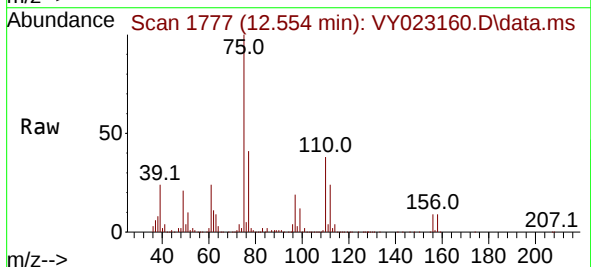
Manual Integrations
APPROVED

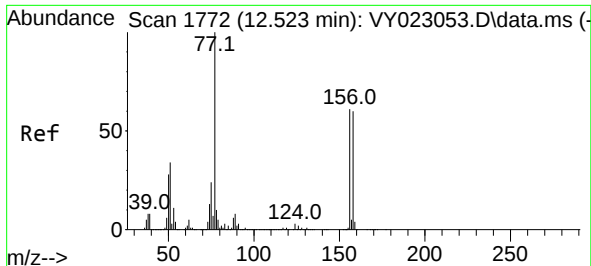
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#76
1,2,3-Trichloropropane
Concen: 48.345 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

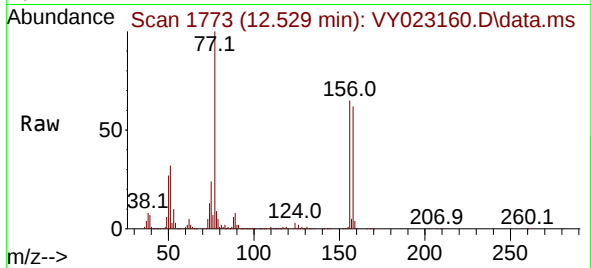
Tgt Ion: 75 Resp: 155632
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 48.690 ug/l
RT: 12.529 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

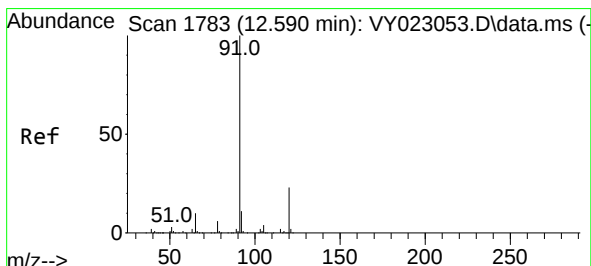
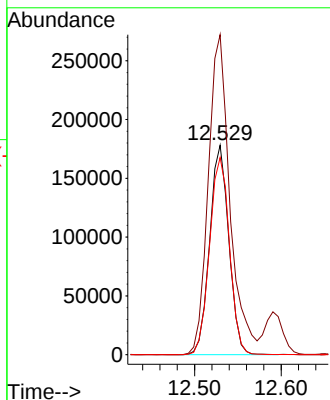
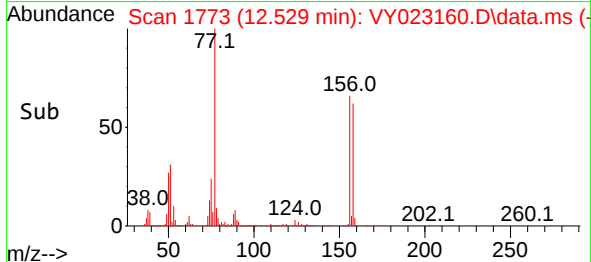
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 273460
Ion Ratio Lower Upper
156 100
77 172.9 88.1 264.4
158 97.9 48.0 144.0

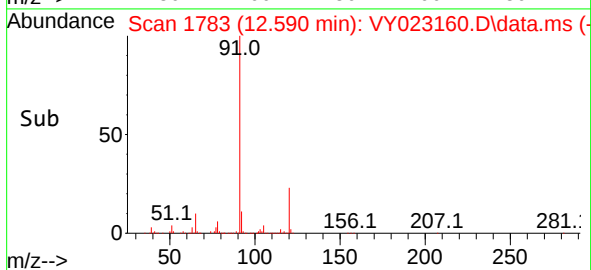
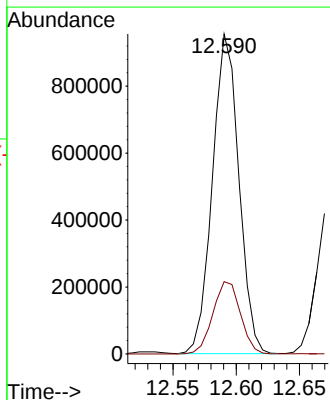
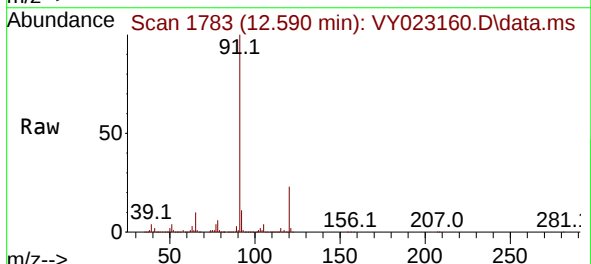
Manual Integrations
APPROVED

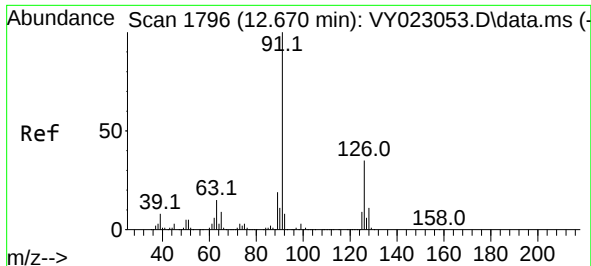
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#78
n-propylbenzene
Concen: 49.502 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Tgt Ion: 91 Resp: 1387452
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5





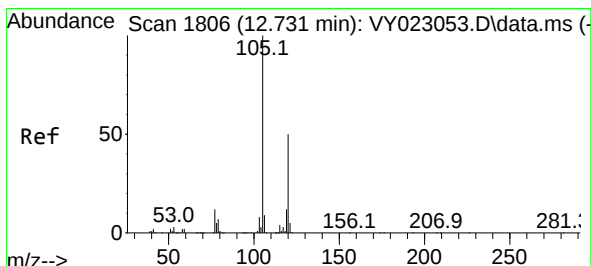
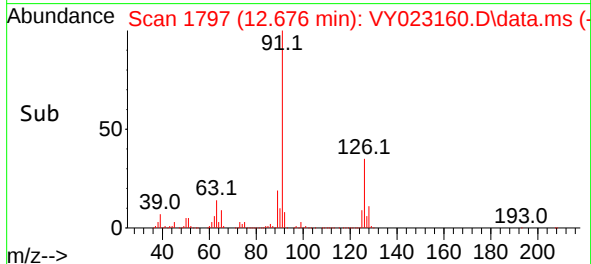
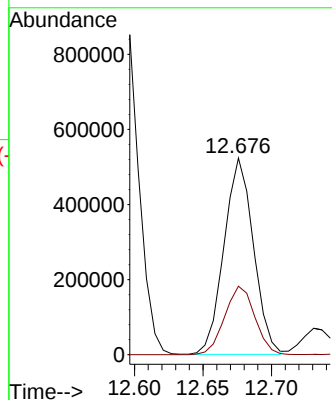
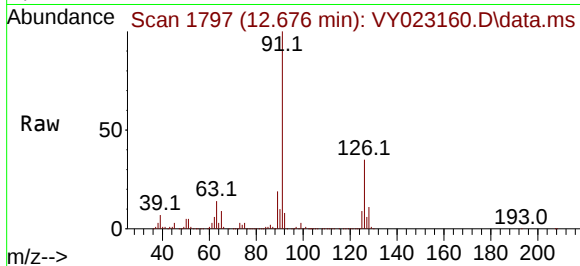
#79
2-Chlorotoluene
Concen: 48.829 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 784149
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3

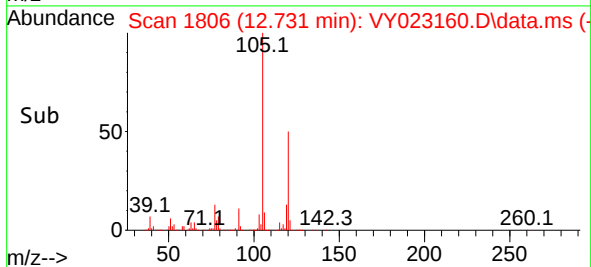
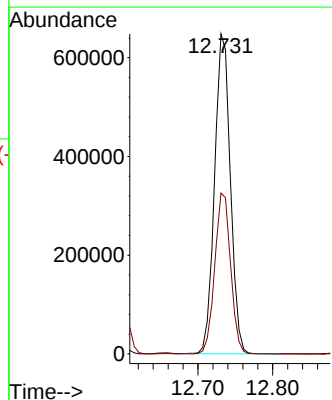
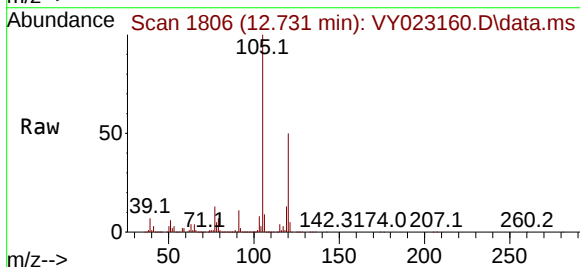
Manual Integrations
APPROVED

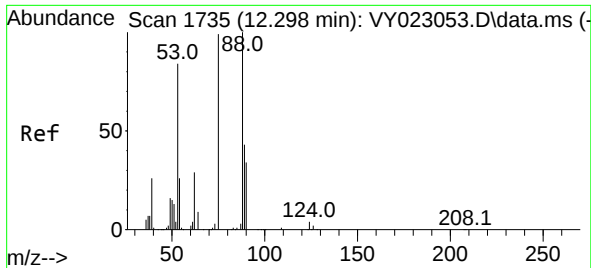
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.180 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Tgt Ion:105 Resp: 954748
Ion Ratio Lower Upper
105 100
120 50.5 24.8 74.4





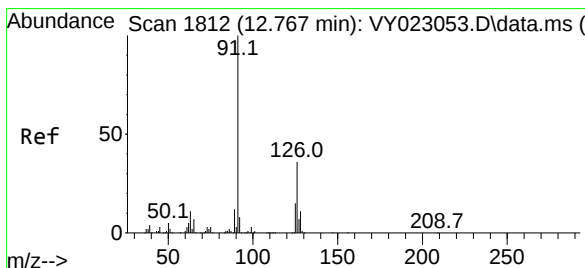
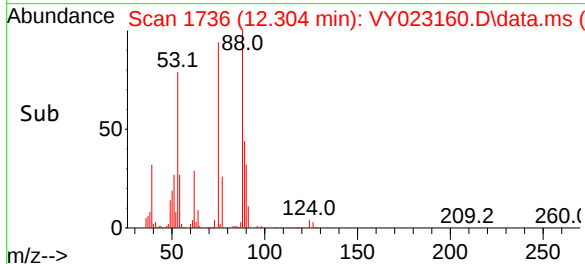
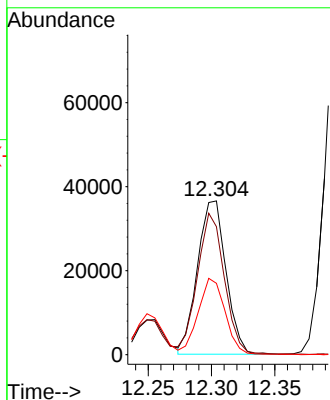
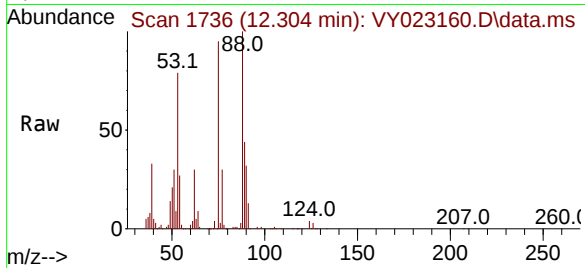
#81
trans-1,4-Dichloro-2-butene
Concen: 43.134 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 57362
Ion Ratio Lower Upper
75 100
53 87.5 70.8 106.2
89 47.4 38.1 57.1

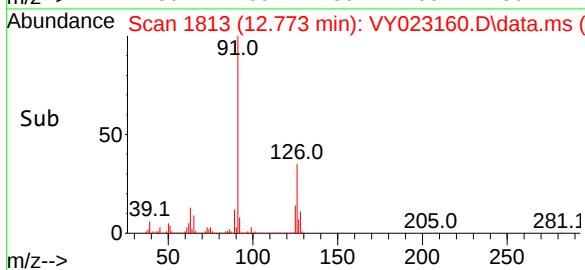
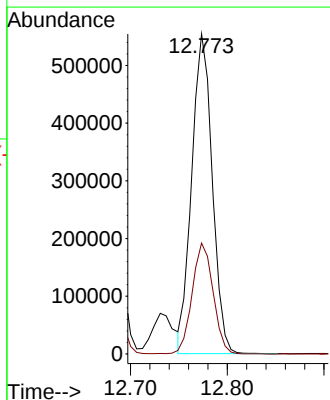
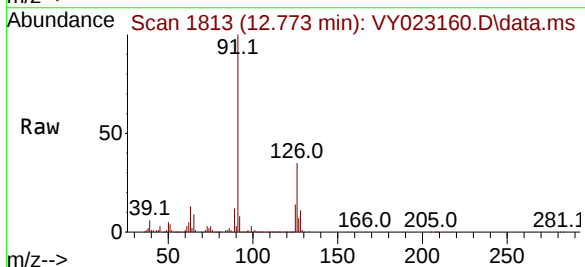
Manual Integrations
APPROVED

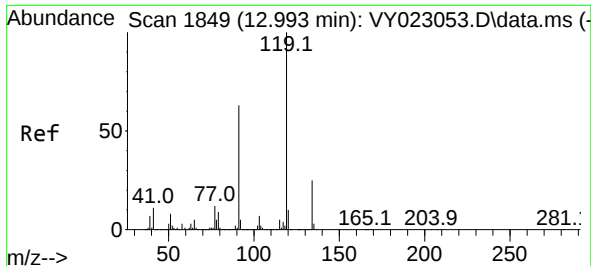
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#82
4-Chlorotoluene
Concen: 48.995 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

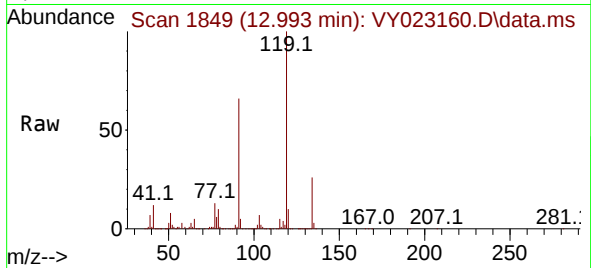
Tgt Ion: 91 Resp: 816232
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0





#83
tert-Butylbenzene
Concen: 49.921 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

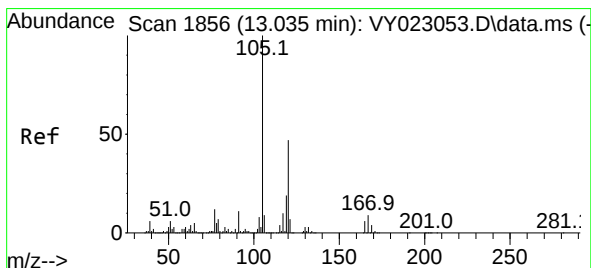
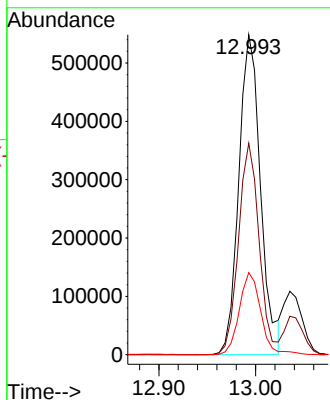
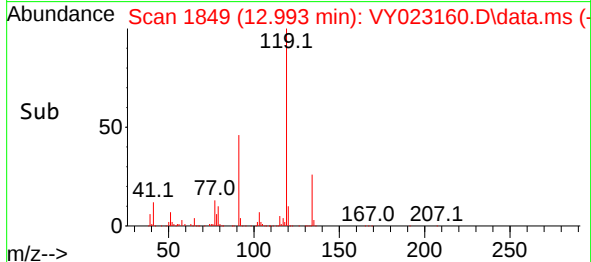
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



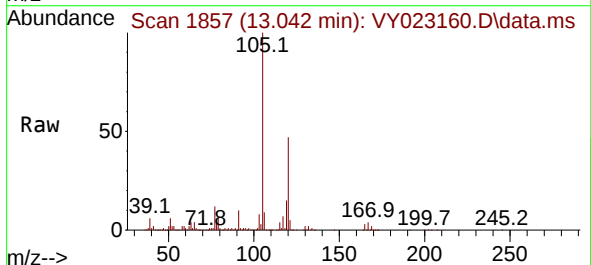
Tgt Ion:119 Resp: 85785
Ion Ratio Lower Upper
119 100
91 63.0 31.6 94.8
134 25.4 12.9 38.7

Manual Integrations
APPROVED

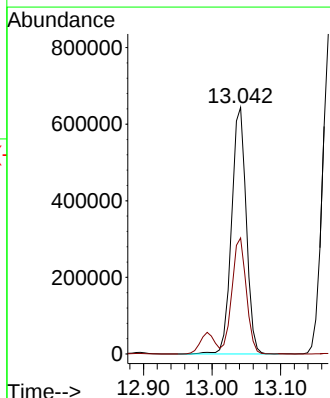
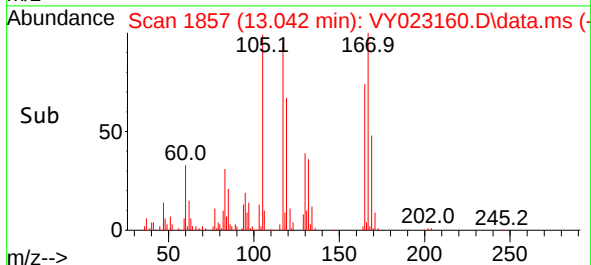
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

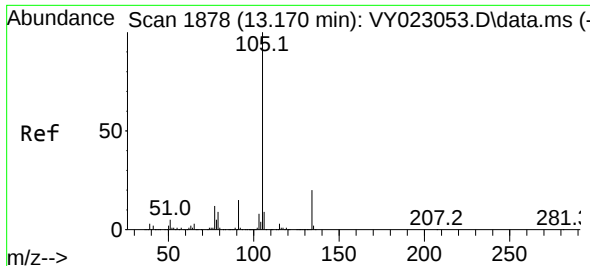


#84
1,2,4-Trimethylbenzene
Concen: 50.510 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



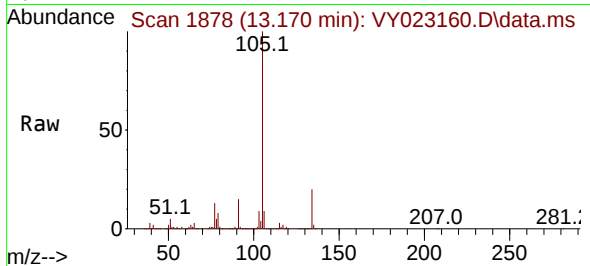
Tgt Ion:105 Resp: 956661
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 49.485 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023160.D
 Acq: 19 Aug 2025 19:08

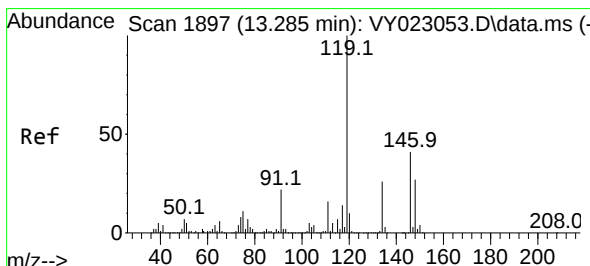
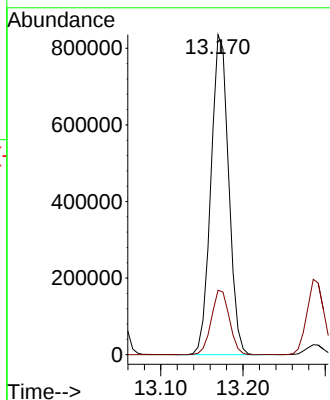
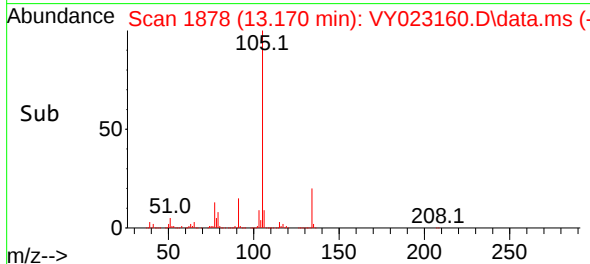
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



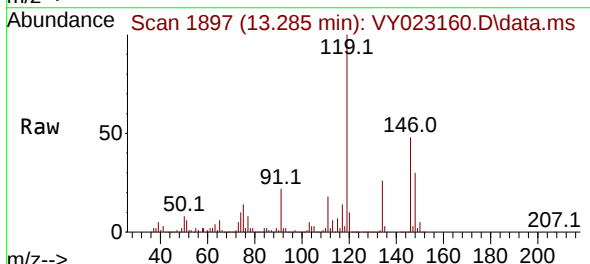
Tgt Ion:105 Resp: 1249164
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

Manual Integrations
 APPROVED

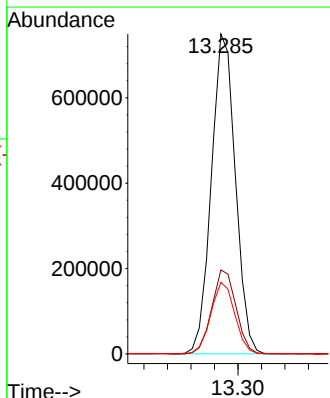
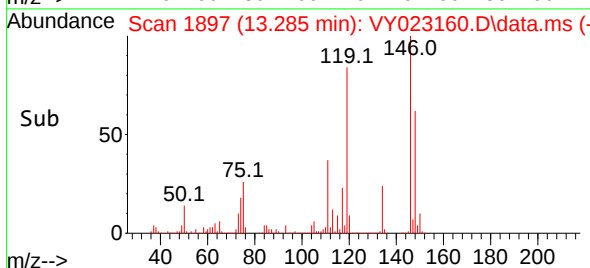
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

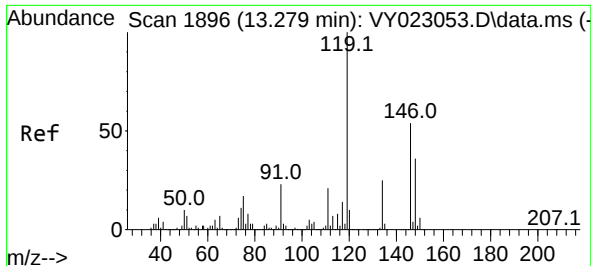


#86
 p-Isopropyltoluene
 Concen: 50.842 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023160.D
 Acq: 19 Aug 2025 19:08



Tgt Ion:119 Resp: 1065308
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 22.3 11.3 33.8





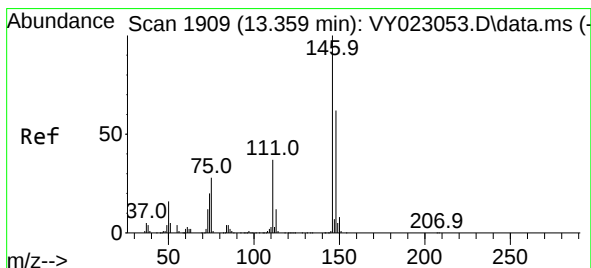
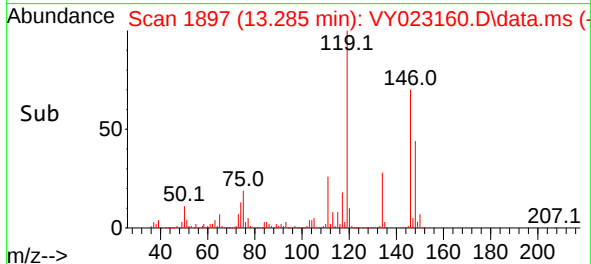
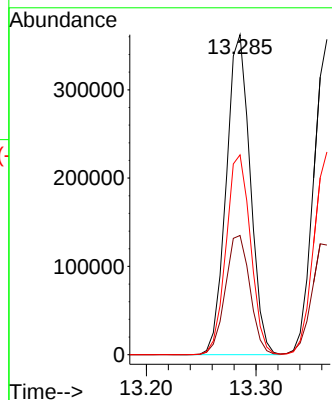
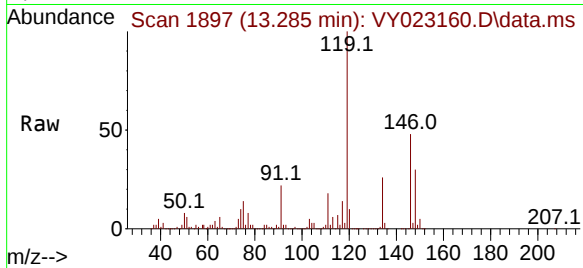
#87
1,3-Dichlorobenzene
Concen: 49.644 ug/l
RT: 13.285 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 54983
Ion Ratio Lower Upper
146 100
111 38.5 19.6 58.7
148 63.8 32.5 97.5

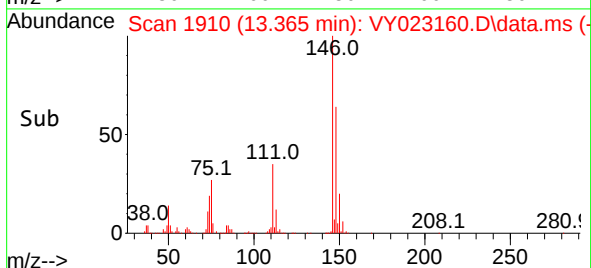
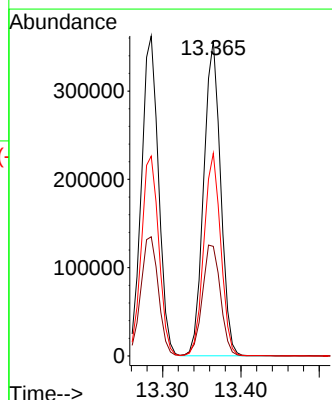
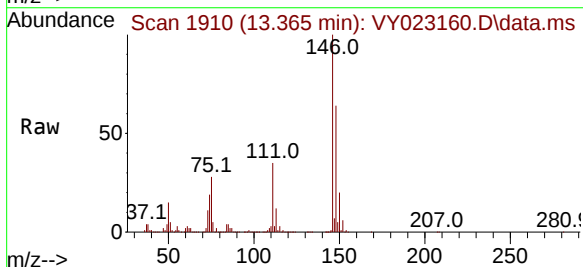
Manual Integrations
APPROVED

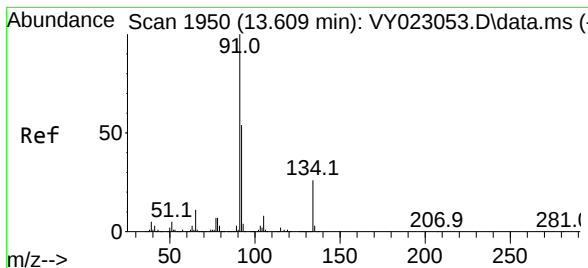
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#88
1,4-Dichlorobenzene
Concen: 48.611 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

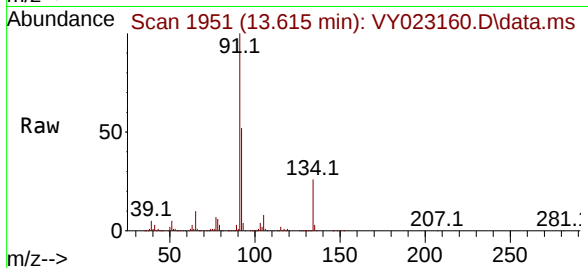
Tgt Ion:146 Resp: 534086
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 64.3 31.6 94.7





#89
n-Butylbenzene
Concen: 49.746 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

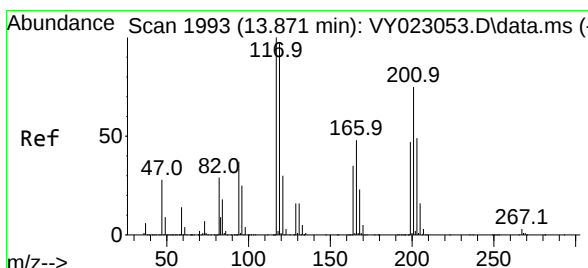
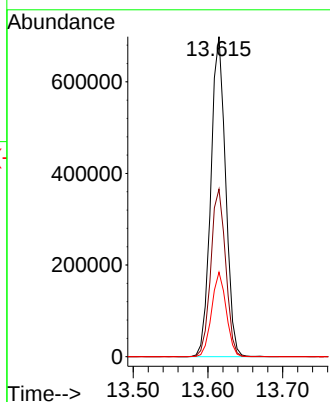
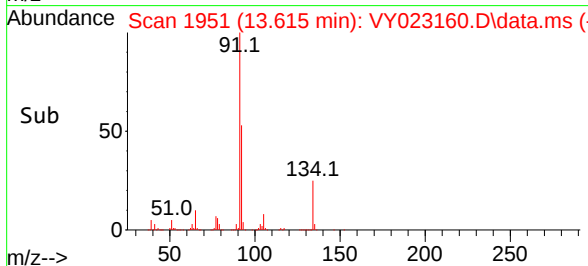
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 957330
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 26.1 13.2 39.5

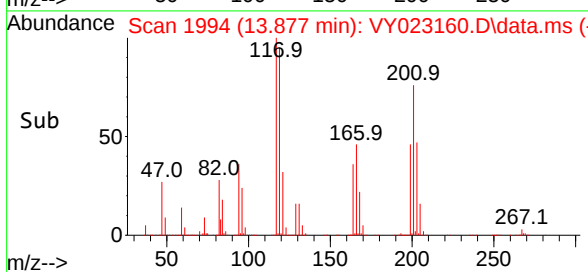
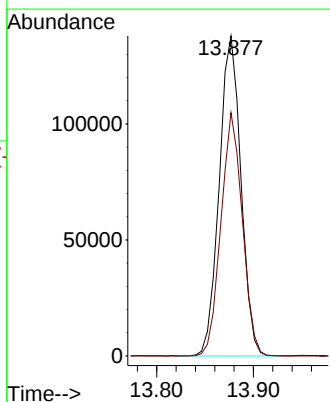
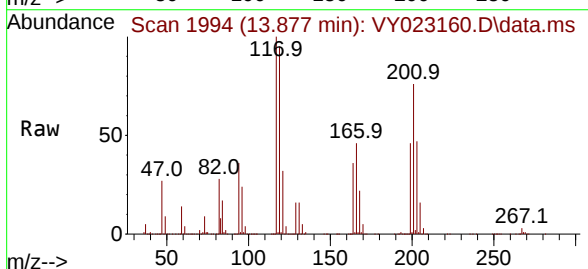
Manual Integrations
APPROVED

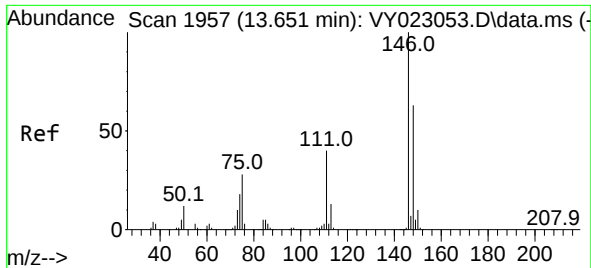
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#90
Hexachloroethane
Concen: 50.008 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

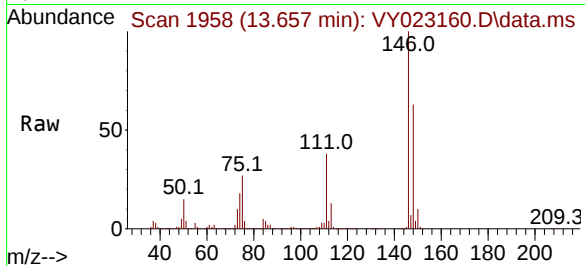
Tgt Ion:117 Resp: 214503
Ion Ratio Lower Upper
117 100
201 75.0 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 49.177 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

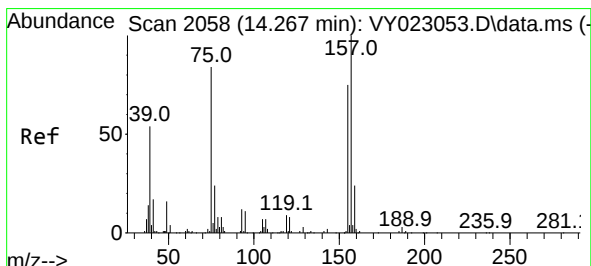
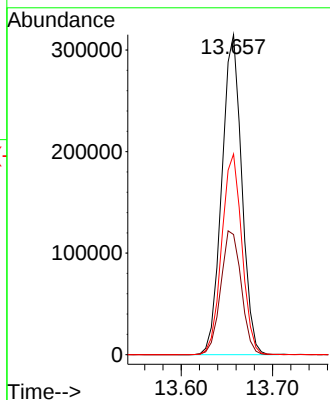
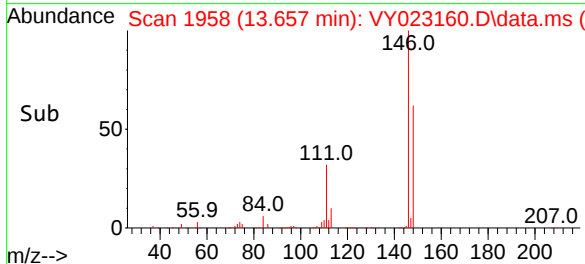
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



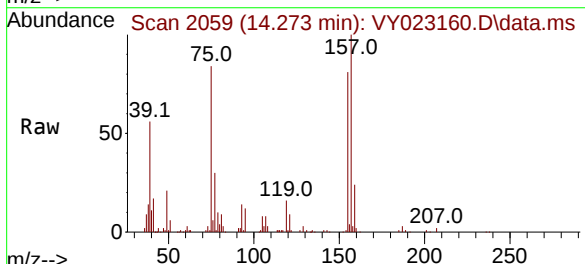
Tgt Ion:146 Resp: 477680
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.8
148 63.5 32.2 96.6

Manual Integrations
APPROVED

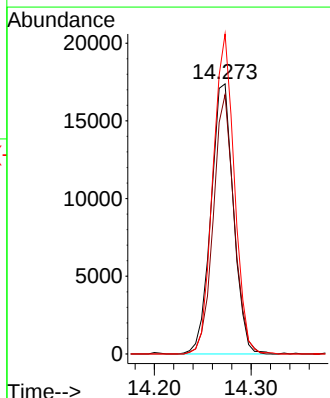
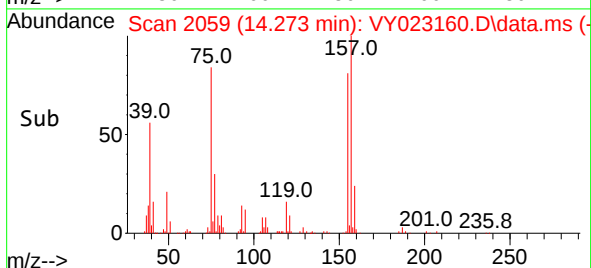
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.839 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



Tgt Ion: 75 Resp: 28063
Ion Ratio Lower Upper
75 100
155 88.7 43.9 131.6
157 112.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 45.553 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023160.D

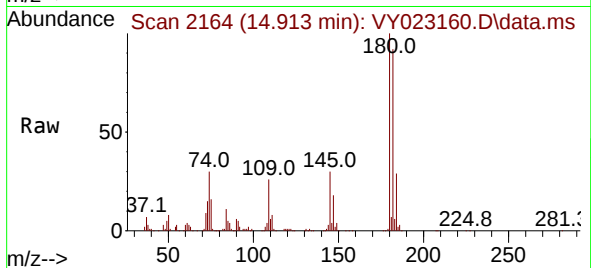
Acq: 19 Aug 2025 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 261664

Ion Ratio Lower Upper

180 100

182 95.4 46.8 140.4

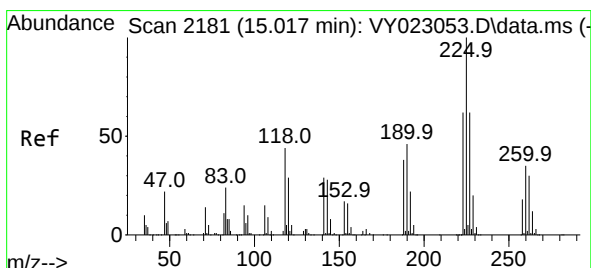
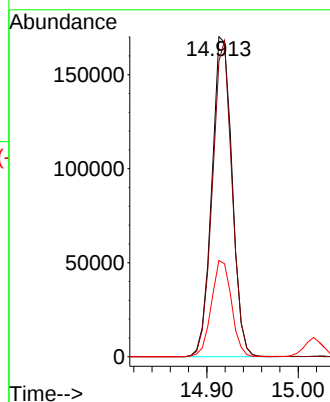
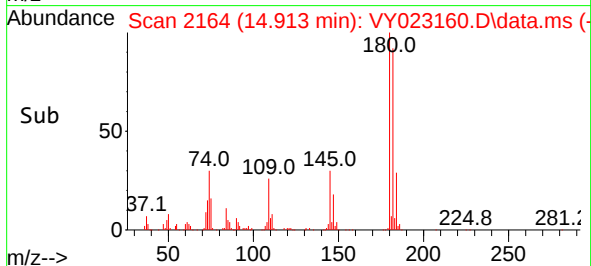
145 29.7 14.4 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#94

Hexachlorobutadiene

Concen: 45.434 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023160.D

Acq: 19 Aug 2025 19:08

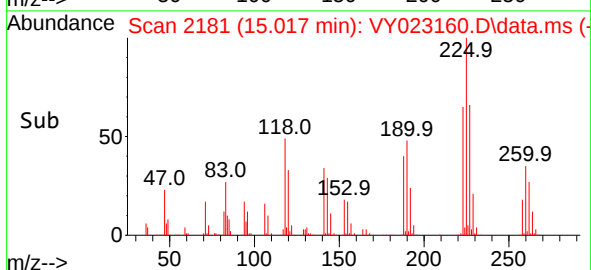
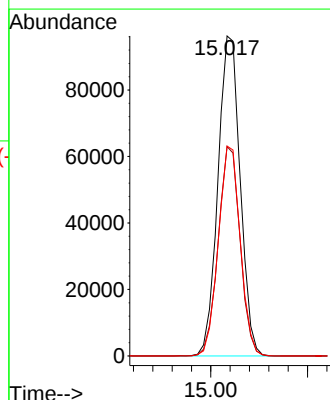
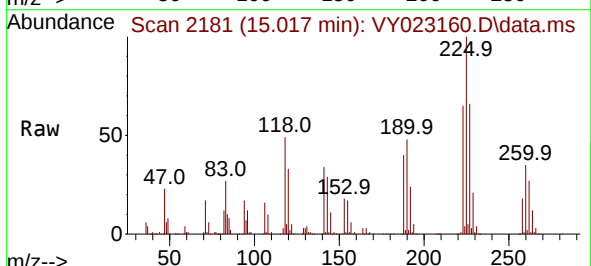
Tgt Ion:225 Resp: 153359

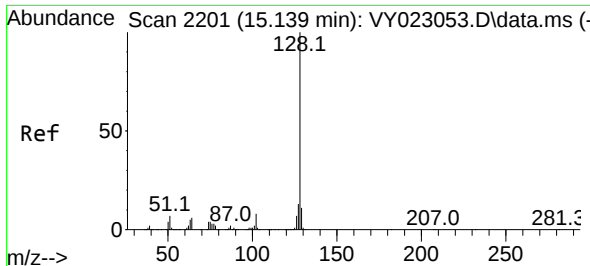
Ion Ratio Lower Upper

225 100

223 64.2 31.3 93.8

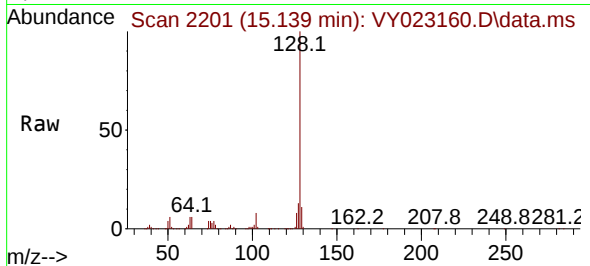
227 64.6 31.5 94.5





#95
Naphthalene
Concen: 46.168 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08

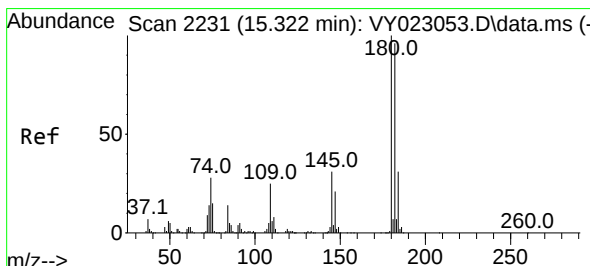
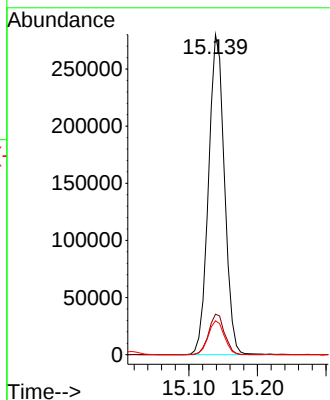
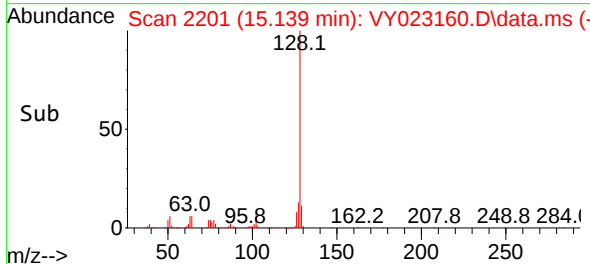
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



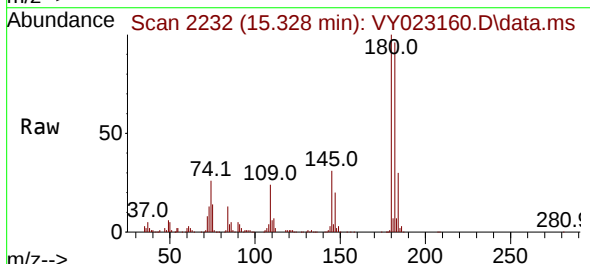
Tgt Ion:128 Resp: 45221
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.311 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023160.D
Acq: 19 Aug 2025 19:08



Tgt Ion:180 Resp: 224276
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.7
145 31.5 15.9 47.7

