

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021309.D
 Acq On : 25 Feb 2025 12:40
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

Quant Time: Feb 26 01:42:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	177514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	289913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	247837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	118690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	12088	6.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.000%#
35) Dibromofluoromethane	7.634	113	10715	5.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.280%#
50) Toluene-d8	10.103	98	41158	5.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.200%#
62) 4-Bromofluorobenzene	12.408	95	14192	5.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	9045	5.374	ug/l	99
3) Chloromethane	2.068	50	12591	5.793	ug/l	97
4) Vinyl Chloride	2.202	62	11497	5.389	ug/l	93
5) Bromomethane	2.598	94	8962	6.321	ug/l	99
6) Chloroethane	2.733	64	7351	5.556	ug/l	99
7) Trichlorofluoromethane	3.056	101	17319	5.375	ug/l #	83
8) Diethyl Ether	3.458	74	4897	5.064	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.806	101	9686	5.193	ug/l	96
10) Methyl Iodide	4.001	142	8728	4.447	ug/l	99
11) Tert butyl alcohol	4.848	59	5165	33.345	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	9671	5.415	ug/l	90
13) Acrolein	3.647	56	5798	48.848	ug/l	99
14) Allyl chloride	4.379	41	16498	5.210	ug/l	99
15) Acrylonitrile	5.055	53	10830	25.330	ug/l	98
16) Acetone	3.866	43	10823	28.018	ug/l	99
17) Carbon Disulfide	4.104	76	31953	5.387	ug/l	99
18) Methyl Acetate	4.391	43	5062	5.362	ug/l #	54
19) Methyl tert-butyl Ether	5.110	73	23290	4.935	ug/l	100
20) Methylene Chloride	4.610	84	13003	6.225	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	10455	5.317	ug/l	98
22) Diisopropyl ether	6.012	45	32640	4.981	ug/l #	86
23) Vinyl Acetate	5.958	43	94244	24.067	ug/l	99
24) 1,1-Dichloroethane	5.915	63	19538	5.290	ug/l	98
25) 2-Butanone	6.890	43	14341	24.599	ug/l #	88
26) 2,2-Dichloropropane	6.884	77	18391	5.488	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	11522	5.132	ug/l	97
28) Bromochloromethane	7.244	49	9318	5.702	ug/l	99
29) Tetrahydrofuran	7.262	42	9319	24.455	ug/l	99
30) Chloroform	7.421	83	20025	5.351	ug/l	98
31) Cyclohexane	7.701	56	20990	5.912	ug/l #	86
32) 1,1,1-Trichloroethane	7.616	97	18106	5.315	ug/l	98
36) 1,1-Dichloropropene	7.829	75	14719	5.155	ug/l	98
37) Ethyl Acetate	6.982	43	7270	5.119	ug/l	98
38) Carbon Tetrachloride	7.817	117	16445	5.124	ug/l	92
39) Methylcyclohexane	9.103	83	17316	4.795	ug/l	95
40) Benzene	8.079	78	43912	5.203	ug/l	95

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 MSVOA_Y
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 01:41:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	4691m	5.908	ug/l	
42) 1,2-Dichloroethane	8.158	62	12236	5.110	ug/l	99
43) Isopropyl Acetate	8.195	43	12832	4.668	ug/l	99
44) Trichloroethene	8.859	130	10868	5.143	ug/l	100
45) 1,2-Dichloropropane	9.140	63	10426	5.133	ug/l	95
46) Dibromomethane	9.231	93	5557	5.005	ug/l	100
47) Bromodichloromethane	9.420	83	15042	5.081	ug/l	100
48) Methyl methacrylate	9.219	41	5698	4.433	ug/l	95
49) 1,4-Dioxane	9.231	88	1164	94.292	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	31910	22.677	ug/l	100
52) Toluene	10.170	92	25715	4.905	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	12697	4.682	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	15685	4.899	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	7259	5.019	ug/l	96
56) Ethyl methacrylate	10.438	69	8528	4.267	ug/l	99
57) 1,3-Dichloropropane	10.713	76	12384	4.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	20290	21.153	ug/l	98
59) 2-Hexanone	10.762	43	19312	20.897	ug/l	97
60) Dibromochloromethane	10.914	129	9844	4.998	ug/l	97
61) 1,2-Dibromoethane	11.018	107	6792	4.960	ug/l	98
64) Tetrachloroethene	10.646	164	10042	5.361	ug/l	96
65) Chlorobenzene	11.444	112	29025	5.217	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	9824	5.043	ug/l	99
67) Ethyl Benzene	11.518	91	48026	4.874	ug/l	97
68) m/p-Xylenes	11.627	106	36446	9.833	ug/l	100
69) o-Xylene	11.956	106	17085	4.920	ug/l	97
70) Styrene	11.969	104	26787	4.637	ug/l	99
71) Bromoform	12.133	173	5478	4.916	ug/l #	99
73) Isopropylbenzene	12.255	105	44434	4.980	ug/l	99
74) N-amyl acetate	12.072	43	9713	4.283	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	8309	5.276	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	6139m	5.136	ug/l	
77) Bromobenzene	12.536	156	10911	5.257	ug/l	99
78) n-propylbenzene	12.597	91	53794	4.968	ug/l	100
79) 2-Chlorotoluene	12.682	91	32529	5.235	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	36696	5.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	2493	4.664	ug/l	97
82) 4-Chlorotoluene	12.780	91	34079	5.290	ug/l	99
83) tert-Butylbenzene	12.999	119	32078	4.852	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	35772	4.915	ug/l	100
85) sec-Butylbenzene	13.176	105	48977	5.072	ug/l	100
86) p-Isopropyltoluene	13.292	119	39637	4.916	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	21510	5.239	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	21663	5.341	ug/l	95
89) n-Butylbenzene	13.621	91	36537	4.815	ug/l	100
90) Hexachloroethane	13.883	117	9013	5.351	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	18984	5.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1227	4.925	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	10759	4.901	ug/l	98
94) Hexachlorobutadiene	15.029	225	7510	5.434	ug/l	95
95) Naphthalene	15.145	128	14829	4.078	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	8804	4.746	ug/l	99

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MSVOA_Y
ClientSampleId :
VSTDICC005

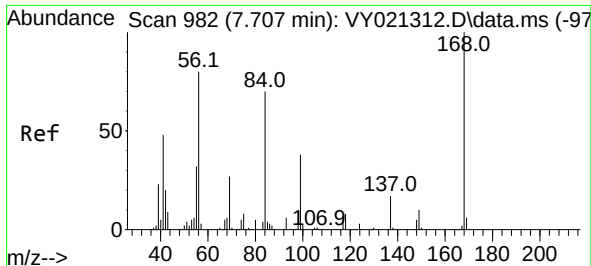
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

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Quant Title : SW846 8260
QLast Update : Wed Feb 26 01:41:21 2025
Response via : Initial Calibration

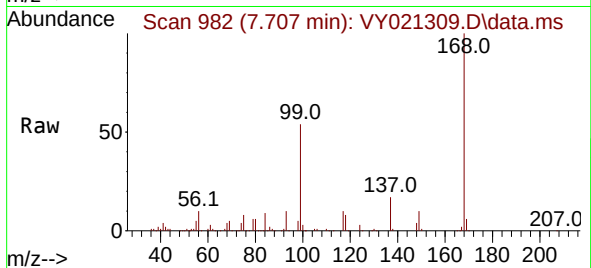
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021309.D
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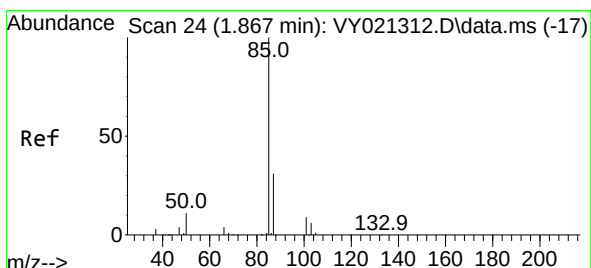
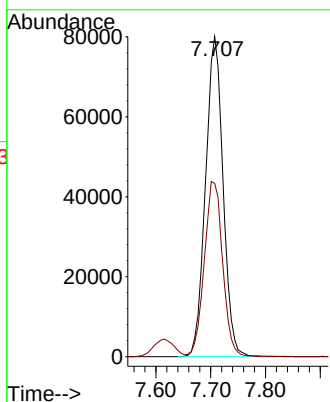
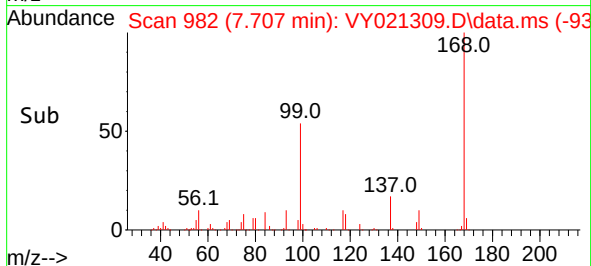
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 177514
Ion Ratio Lower Upper
168 100
99 54.1 47.1 70.7

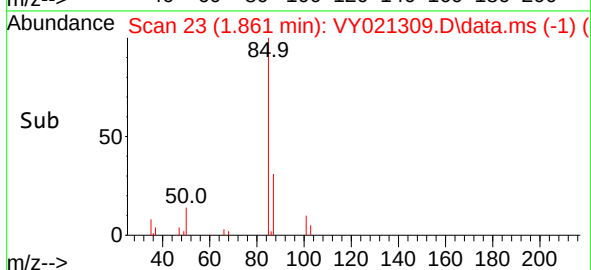
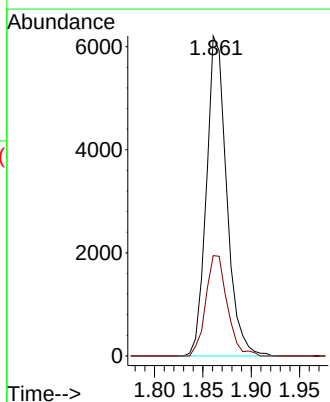
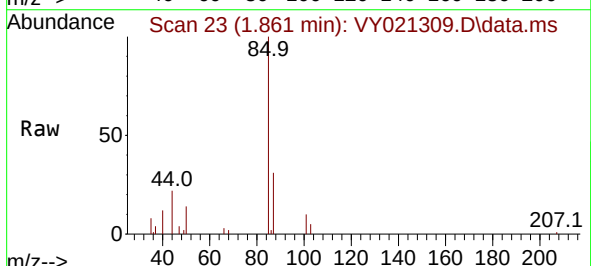
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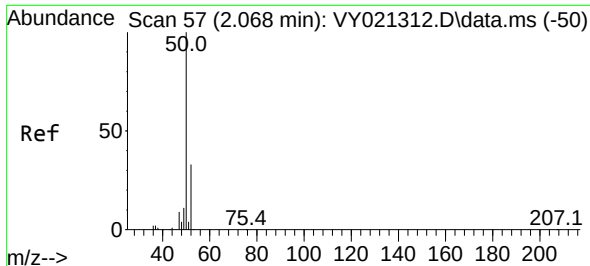
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#2
Dichlorodifluoromethane
Concen: 5.374 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

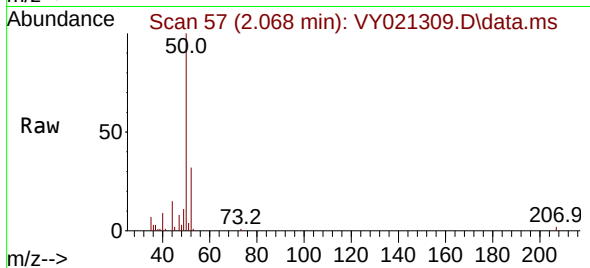
Tgt Ion: 85 Resp: 9045
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.4





#3
Chloromethane
Concen: 5.793 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

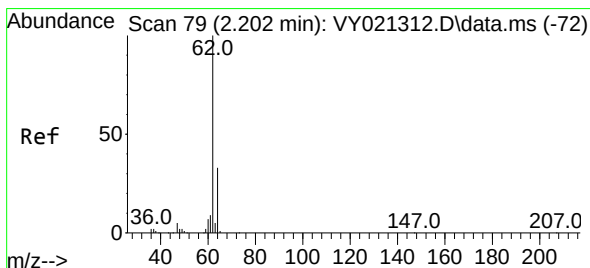
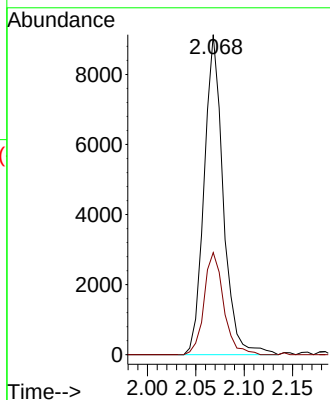
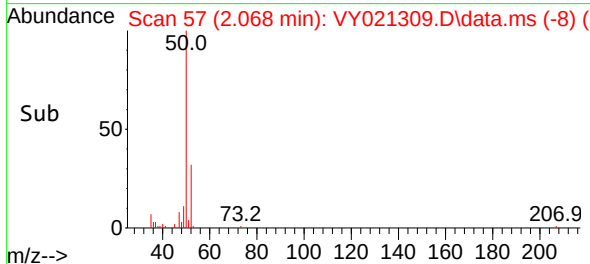
Instrument :
MSVOA_Y
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VSTDICC005



Tgt Ion: 50 Resp: 1259
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0

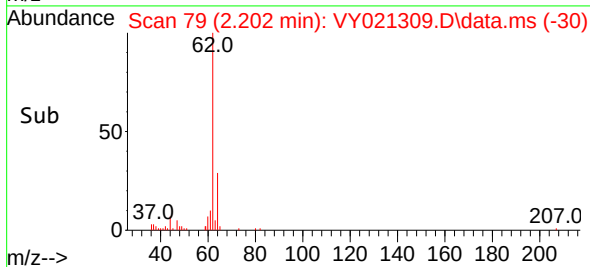
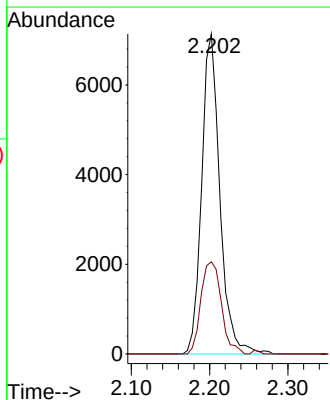
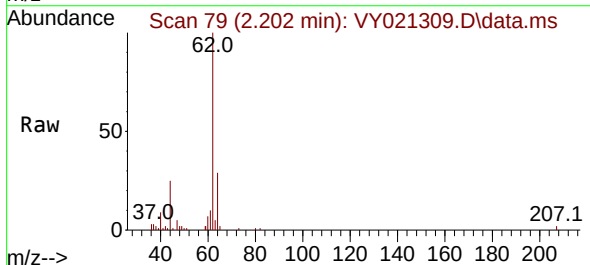
Manual Integrations
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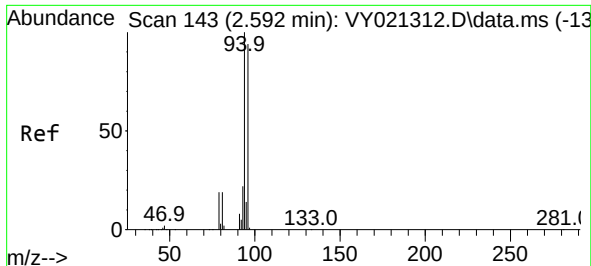
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#4
Vinyl Chloride
Concen: 5.389 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

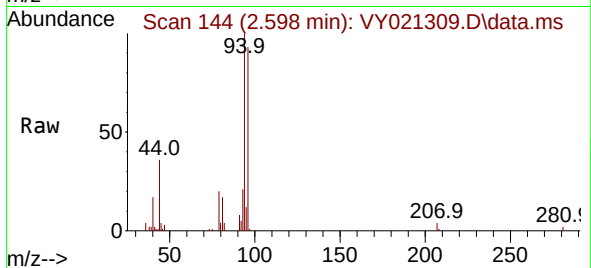
Tgt Ion: 62 Resp: 11497
Ion Ratio Lower Upper
62 100
64 28.8 26.3 39.5





#5
Bromomethane
Concen: 6.321 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

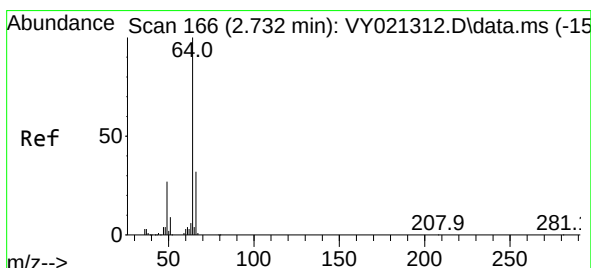
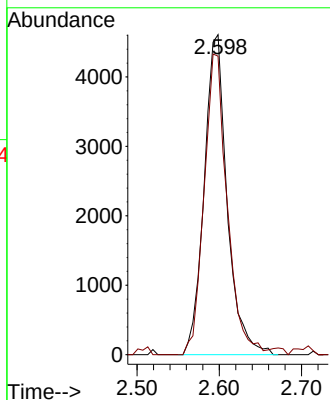
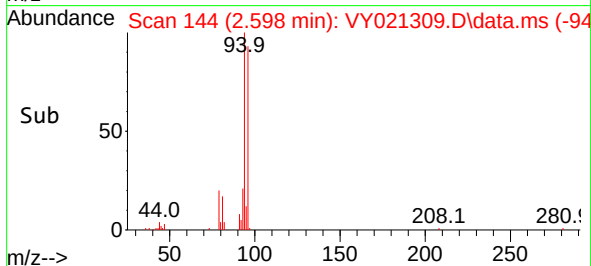
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



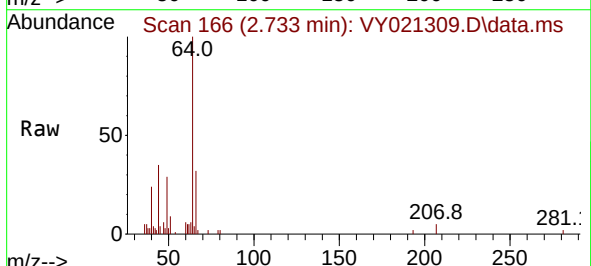
Tgt Ion: 94 Resp: 8962
Ion Ratio Lower Upper
94 100
96 93.3 75.2 112.8

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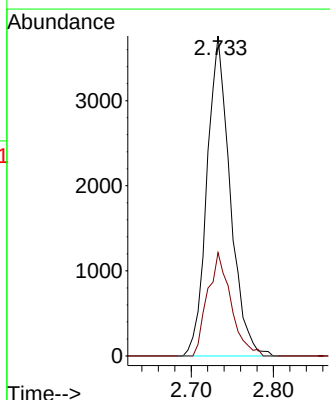
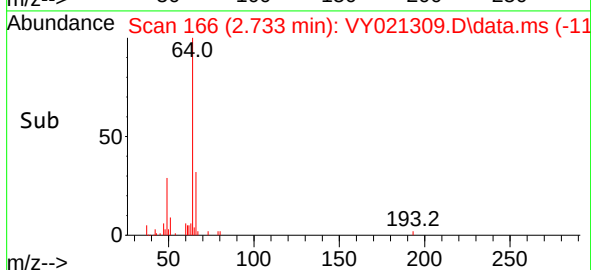
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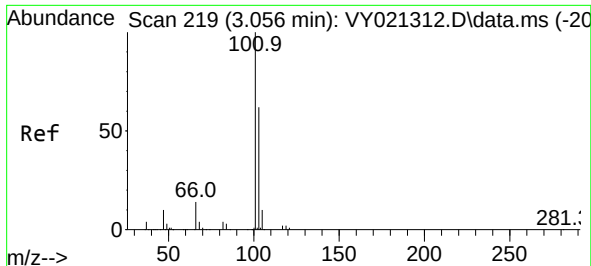


#6
Chloroethane
Concen: 5.556 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



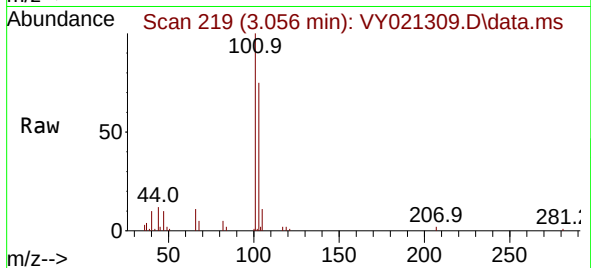
Tgt Ion: 64 Resp: 7351
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 5.375 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

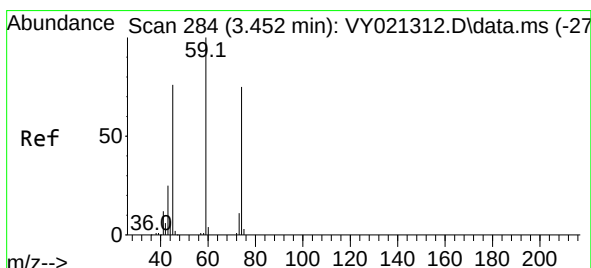
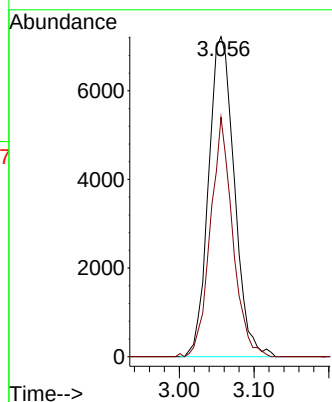
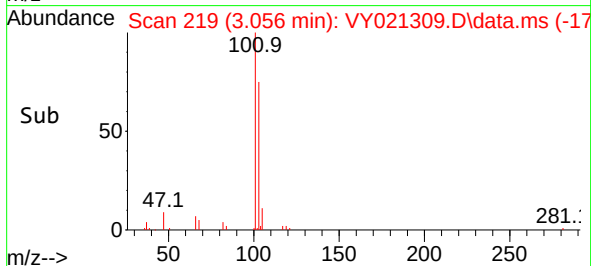
Instrument :
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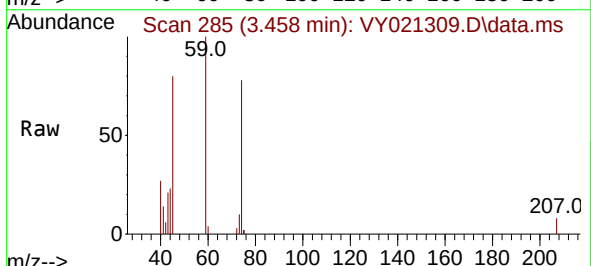
Tgt Ion:101 Resp: 17319
Ion Ratio Lower Upper
101 100
103 74.8 49.7 74.5

Manual Integrations
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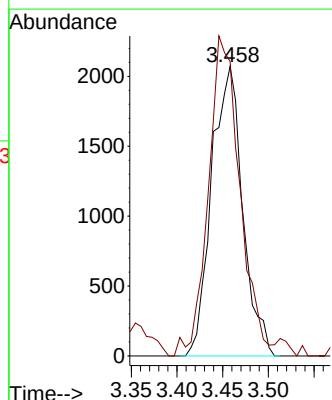
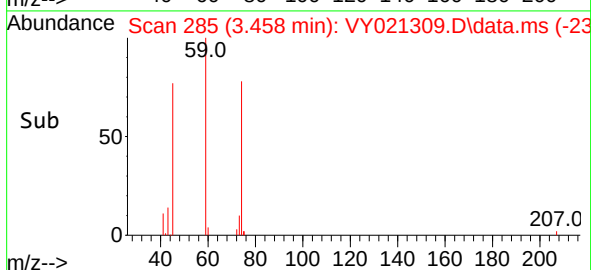
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

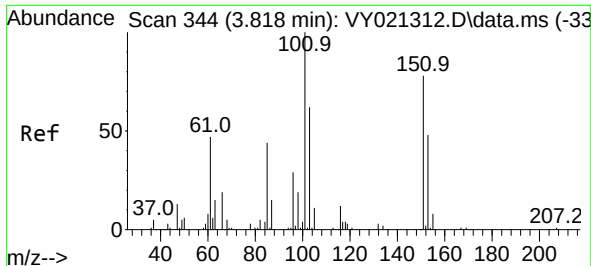


#8
Diethyl Ether
Concen: 5.064 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



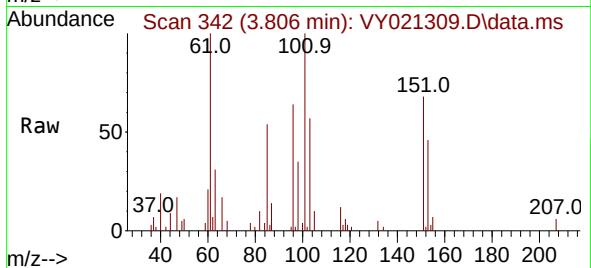
Tgt Ion: 74 Resp: 4897
Ion Ratio Lower Upper
74 100
45 111.5 50.3 150.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.193 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021309.D
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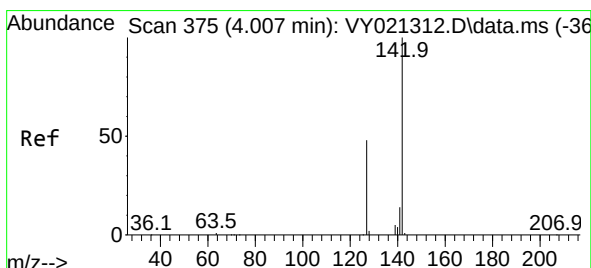
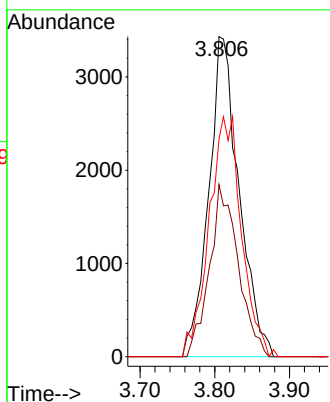
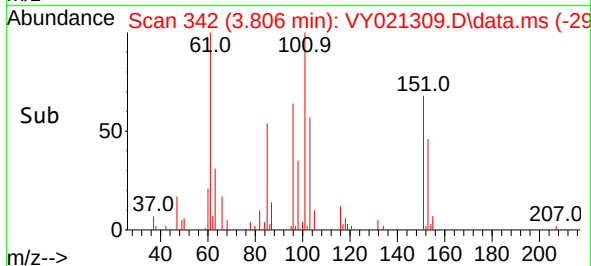
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



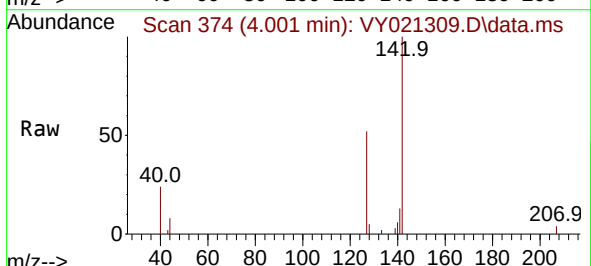
Tgt Ion:101 Resp: 968
Ion Ratio Lower Upper
101 100
85 50.9 36.7 55.1
151 80.2 62.6 94.0

Manual Integrations
APPROVED

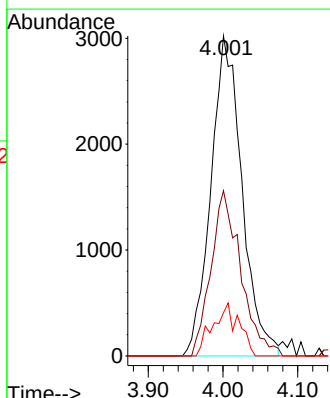
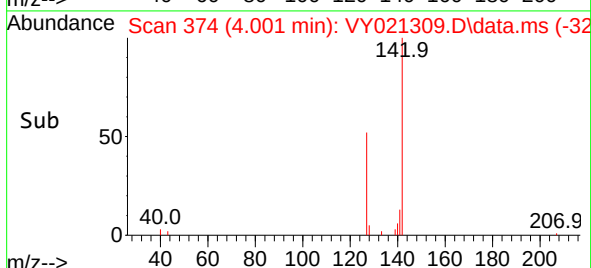
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

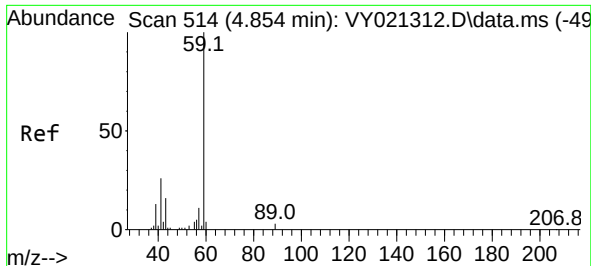


#10
Methyl Iodide
Concen: 4.447 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



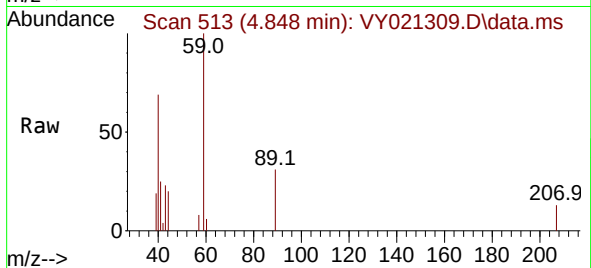
Tgt Ion:142 Resp: 8728
Ion Ratio Lower Upper
142 100
127 49.6 39.2 58.8
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 33.345 ug/l
RT: 4.848 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

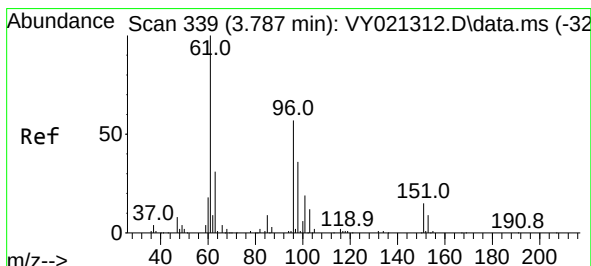
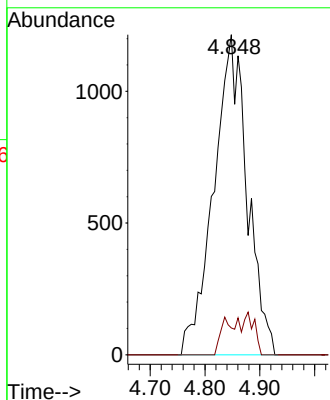
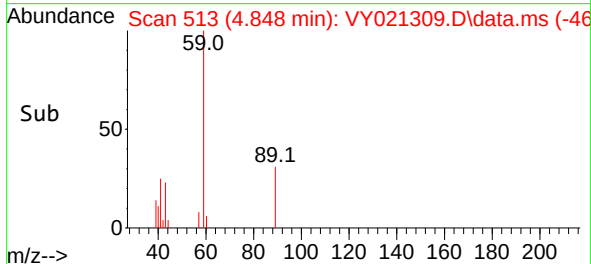
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



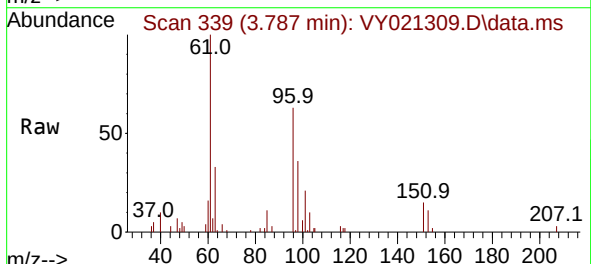
Tgt Ion: 59 Resp: 516
Ion Ratio Lower Upper
59 100
57 4.3 8.3 12.5

Manual Integrations
APPROVED

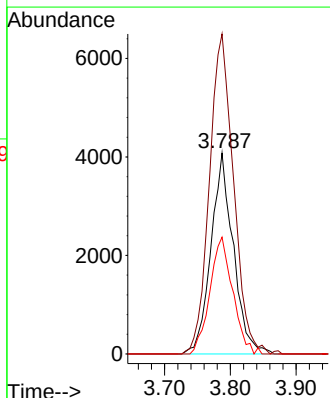
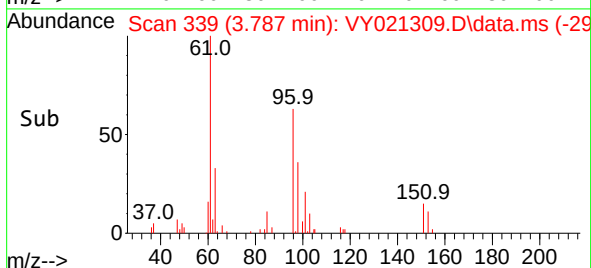
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

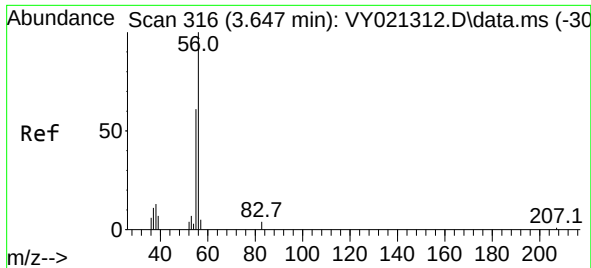


#12
1,1-Dichloroethene
Concen: 5.415 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



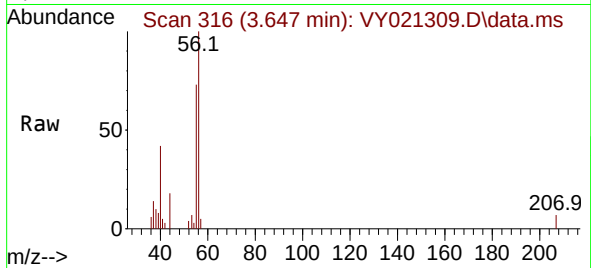
Tgt Ion: 96 Resp: 9671
Ion Ratio Lower Upper
96 100
61 159.2 139.7 209.5
98 58.1 49.7 74.5





#13
Acrolein
Concen: 48.848 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

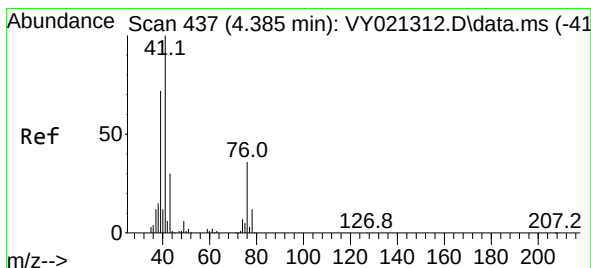
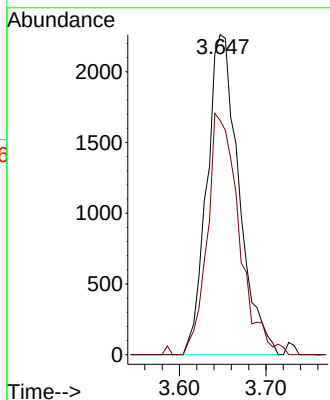
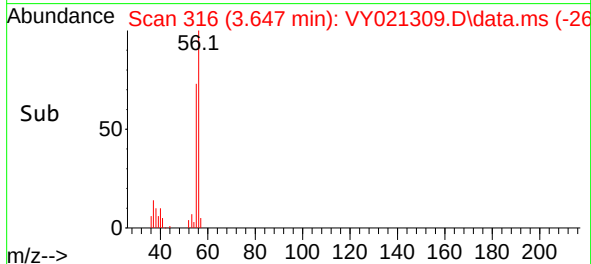
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



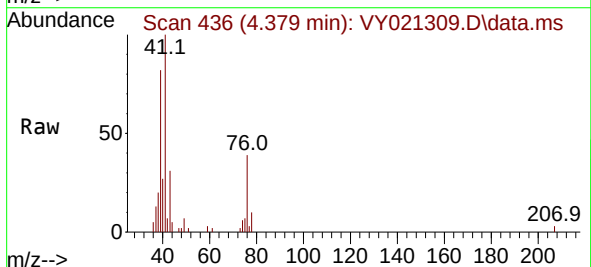
Tgt Ion: 56 Resp: 5798
Ion Ratio Lower Upper
56 100
55 74.8 59.0 88.6

Manual Integrations
APPROVED

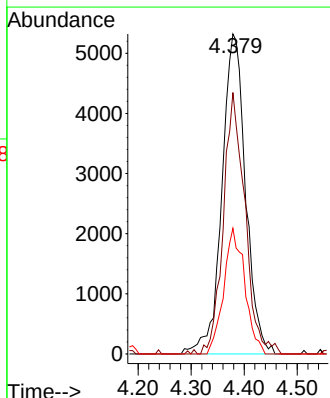
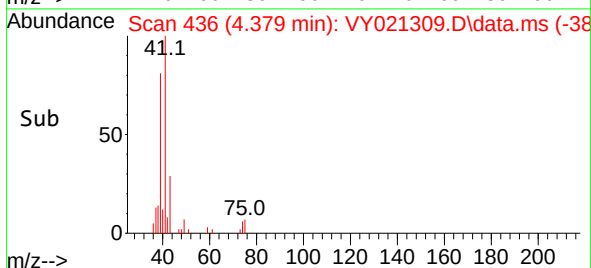
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

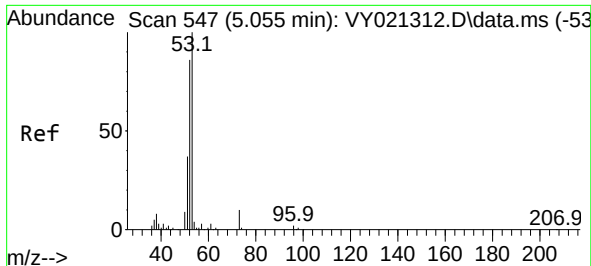


#14
Allyl chloride
Concen: 5.210 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



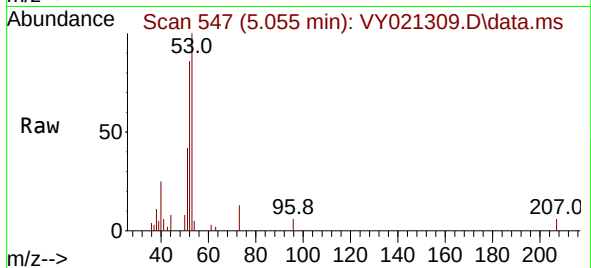
Tgt Ion: 41 Resp: 16498
Ion Ratio Lower Upper
41 100
39 74.4 60.0 90.0
76 34.9 29.0 43.6





#15
Acrylonitrile
Concen: 25.330 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

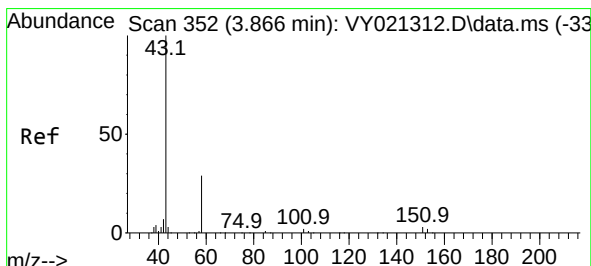
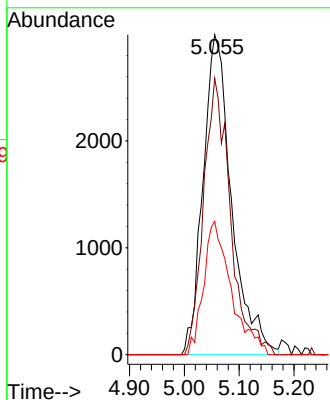
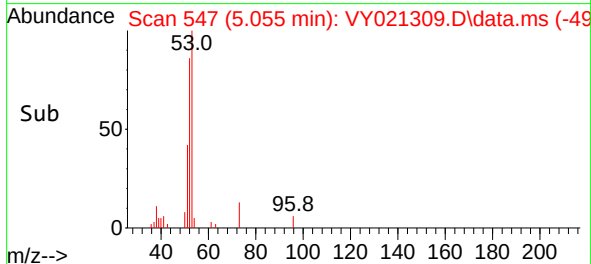
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 10830
Ion Ratio Lower Upper
53 100
52 81.0 65.5 98.3
51 40.3 30.6 46.0

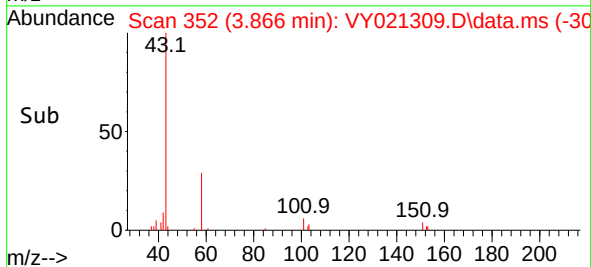
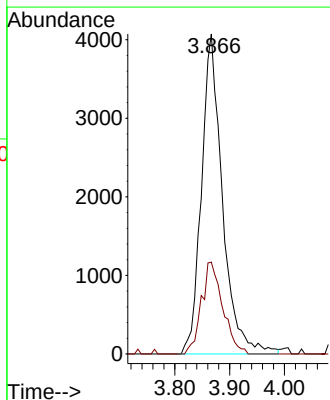
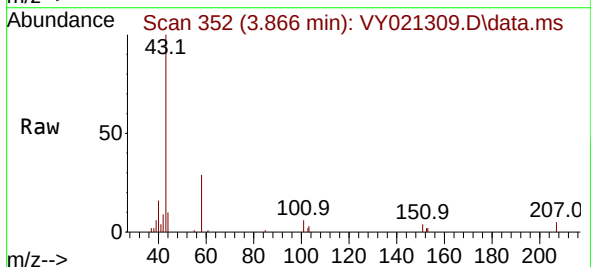
Manual Integrations
APPROVED

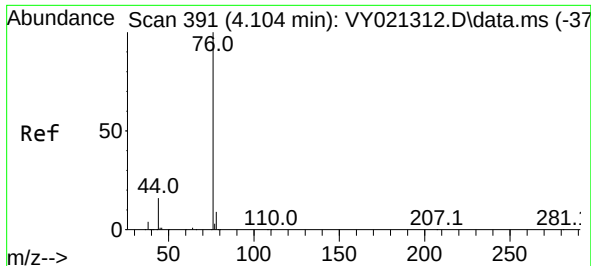
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#16
Acetone
Concen: 28.018 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

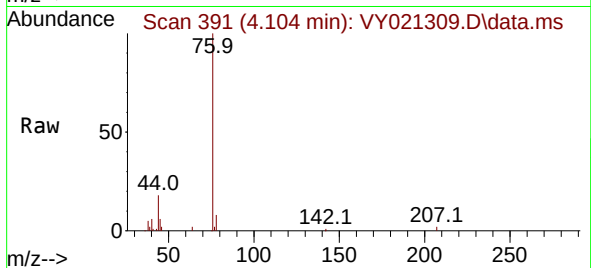
Tgt Ion: 43 Resp: 10823
Ion Ratio Lower Upper
43 100
58 28.7 23.5 35.3





#17
Carbon Disulfide
Concen: 5.387 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

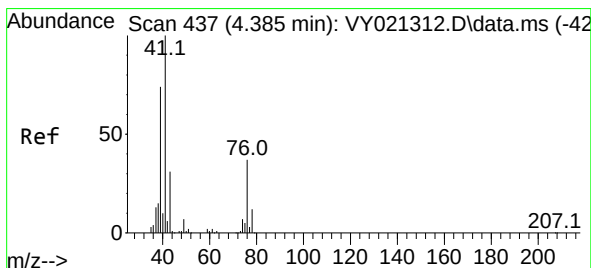
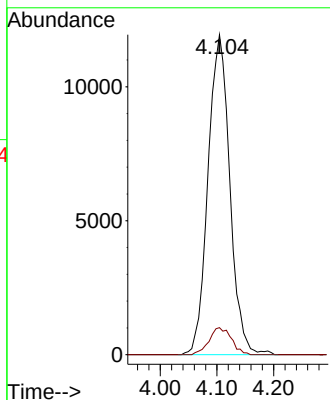
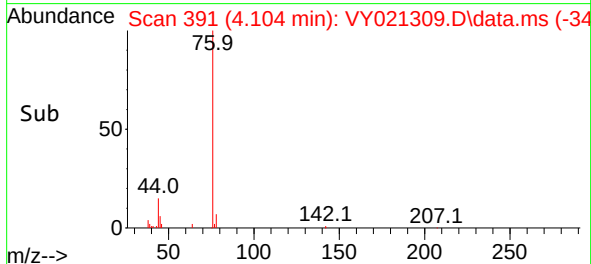
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



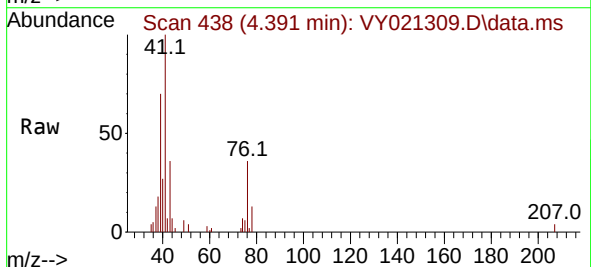
Tgt Ion: 76 Resp: 3195
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7

Manual Integrations
APPROVED

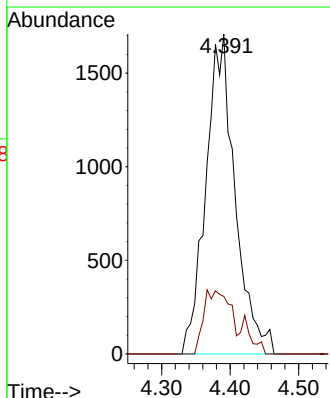
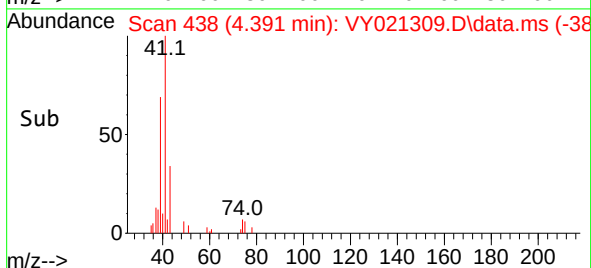
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

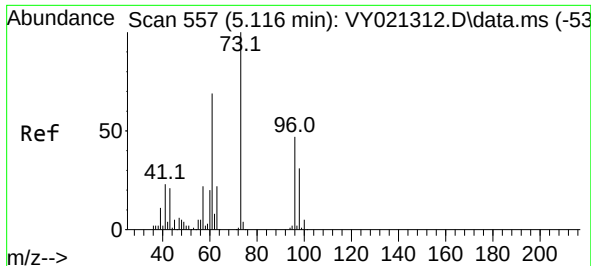


#18
Methyl Acetate
Concen: 5.362 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



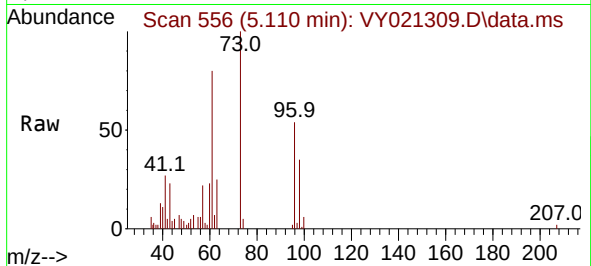
Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#





#19
Methyl tert-butyl Ether
Concen: 4.935 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

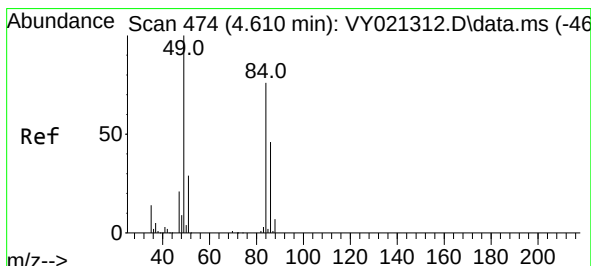
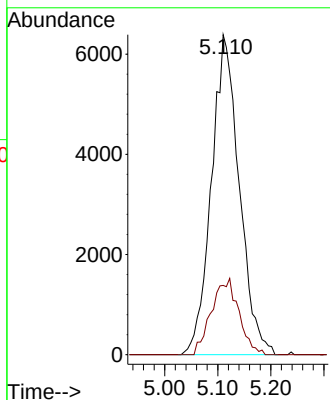
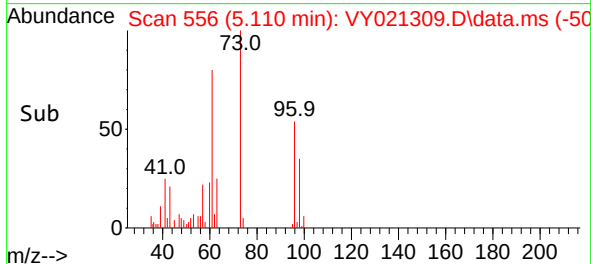
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 23290
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

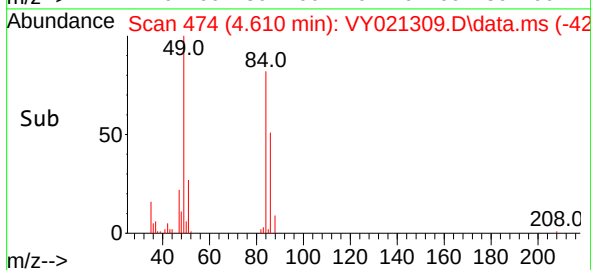
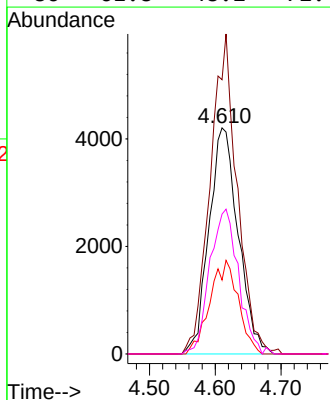
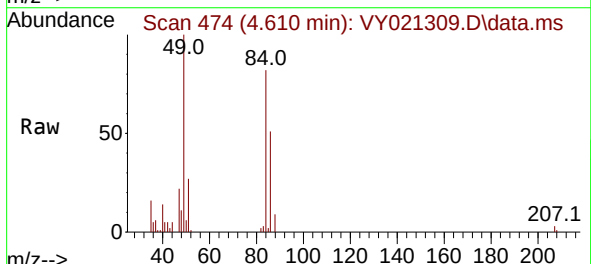
Manual Integrations
APPROVED

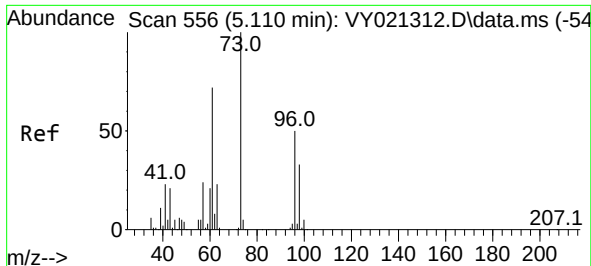
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#20
Methylene Chloride
Concen: 6.225 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

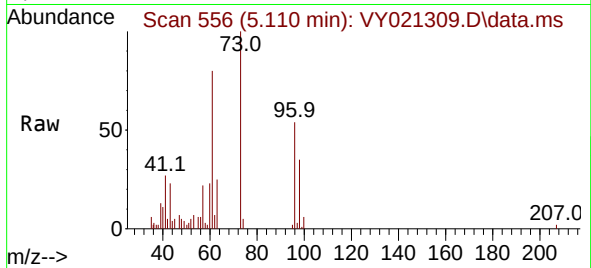
Tgt Ion: 84 Resp: 13003
Ion Ratio Lower Upper
84 100
49 121.3 105.1 157.7
51 32.7 31.0 46.4
86 61.8 48.2 72.4





#21
trans-1,2-Dichloroethene
Concen: 5.317 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

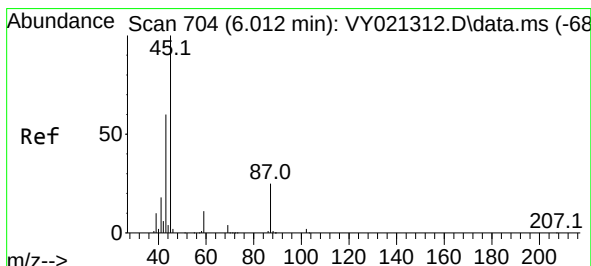
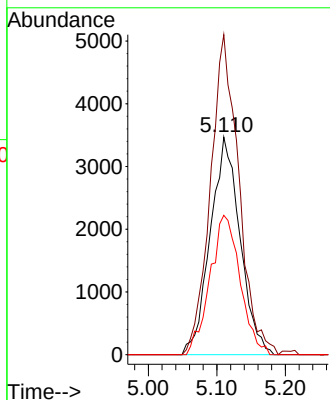
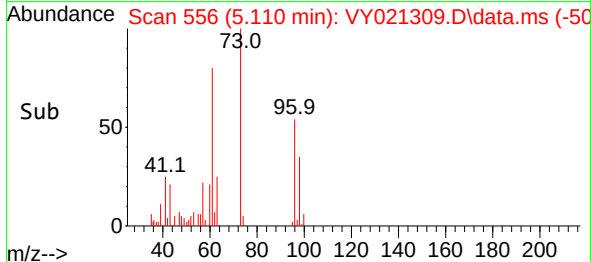
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



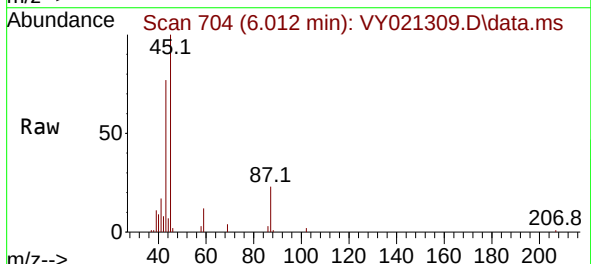
Tgt Ion: 96 Resp: 1045
Ion Ratio Lower Upper
96 100
61 147.0 116.3 174.5
98 64.0 52.6 78.8

Manual Integrations
APPROVED

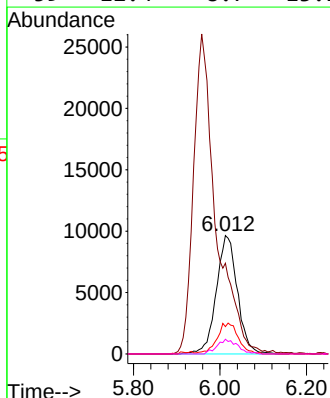
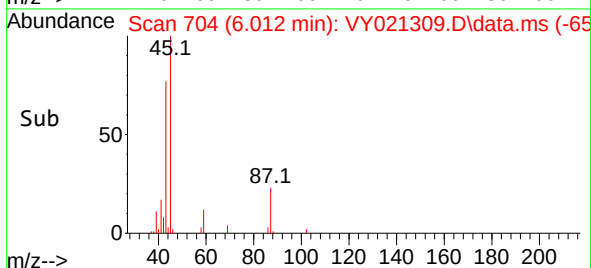
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

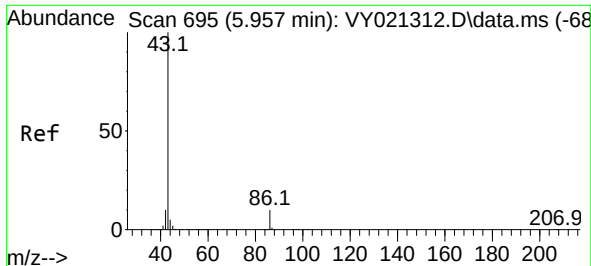


#22
Diisopropyl ether
Concen: 4.981 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



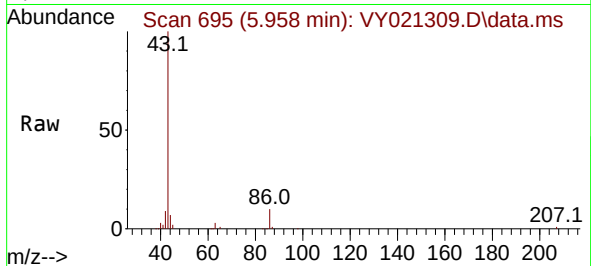
Tgt Ion: 45 Resp: 32640
Ion Ratio Lower Upper
45 100
43 75.5 48.2 72.4#
87 23.1 20.3 30.5
59 12.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 24.067 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

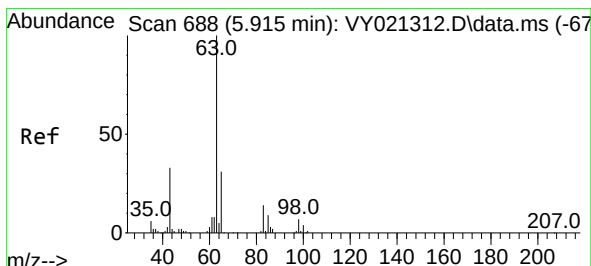
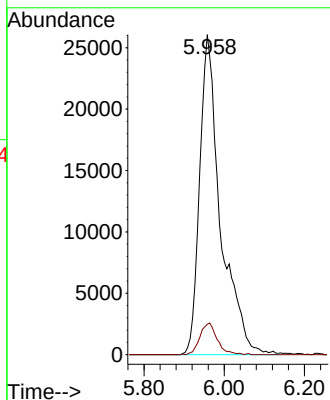
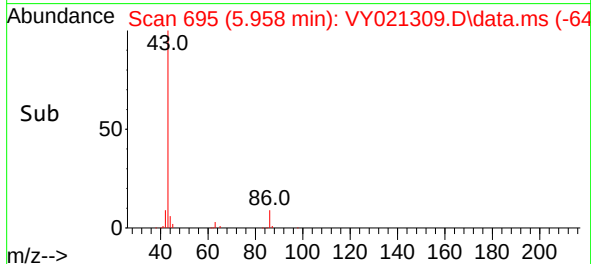
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



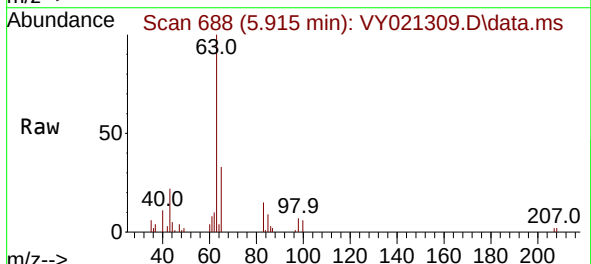
Tgt Ion: 43 Resp: 9424
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0

Manual Integrations
 APPROVED

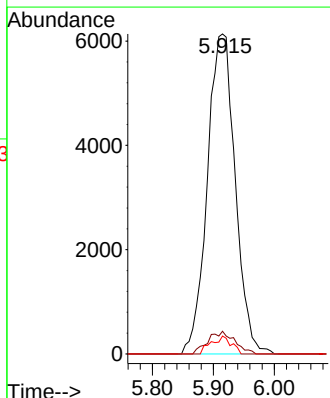
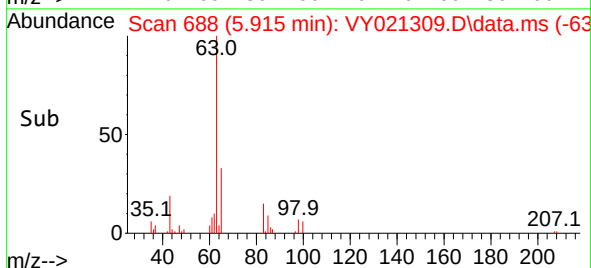
Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025

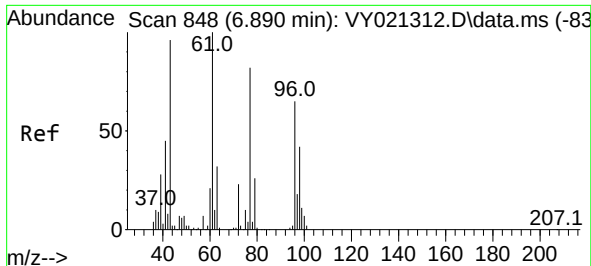


#24
 1,1-Dichloroethane
 Concen: 5.290 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40



Tgt Ion: 63 Resp: 19538
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 5.6 2.1 6.5





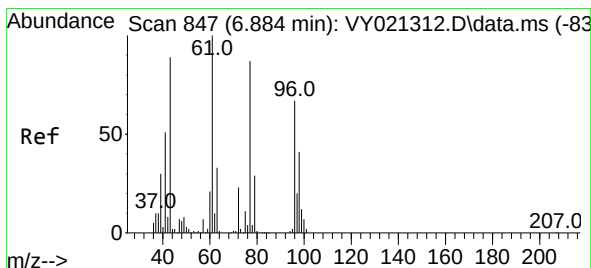
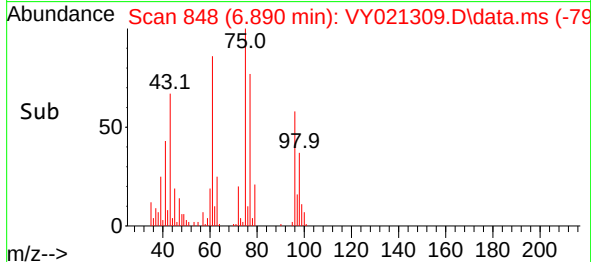
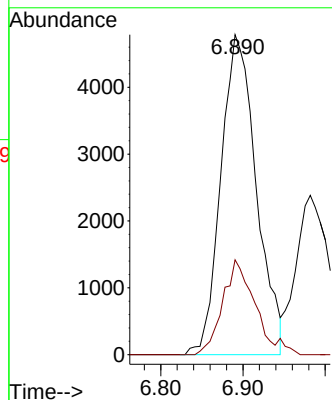
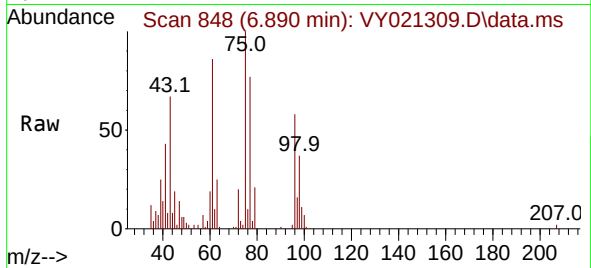
#25
2-Butanone
Concen: 24.599 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
72 29.6 19.0 28.6

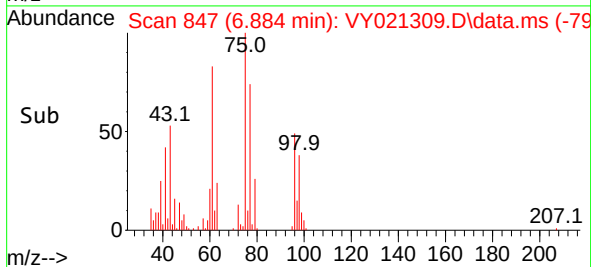
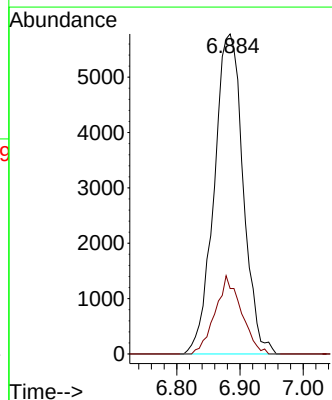
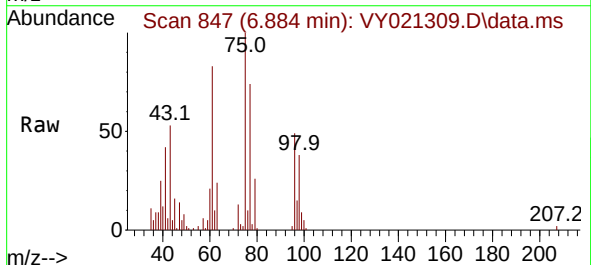
Manual Integrations
APPROVED

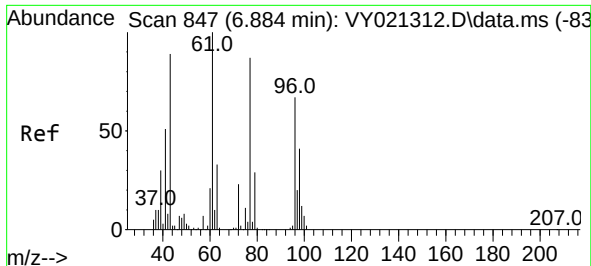
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#26
2,2-Dichloropropane
Concen: 5.488 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 77 Resp: 18391
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 5.132 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

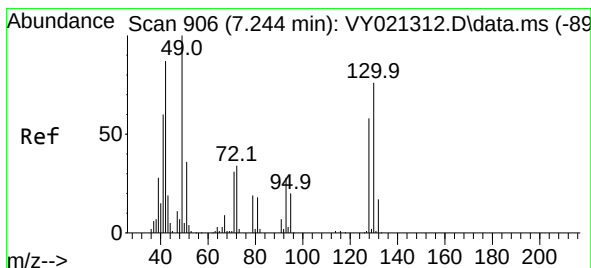
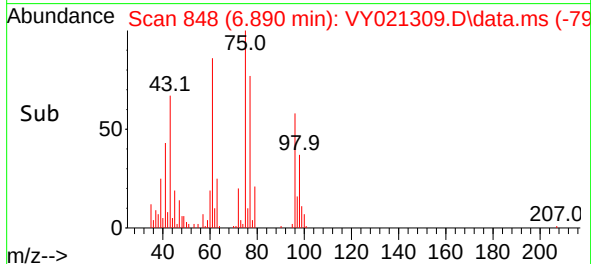
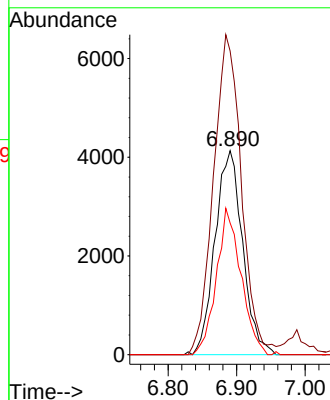
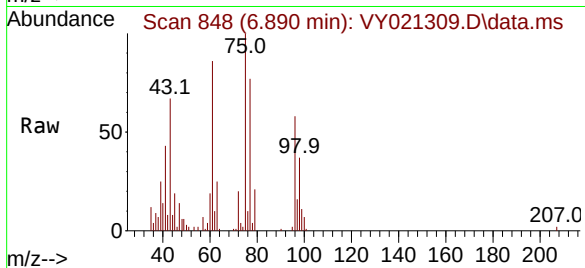
VSTDICC005

Tgt Ion:	96	Resp:	1152
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	308.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#28

Bromochloromethane

Concen: 5.702 ug/l

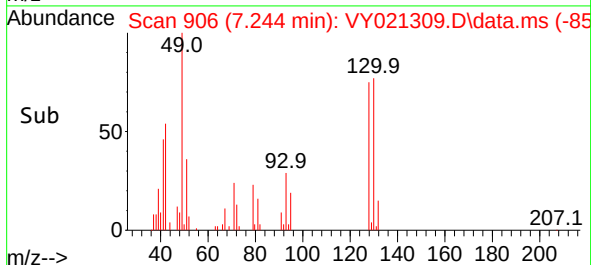
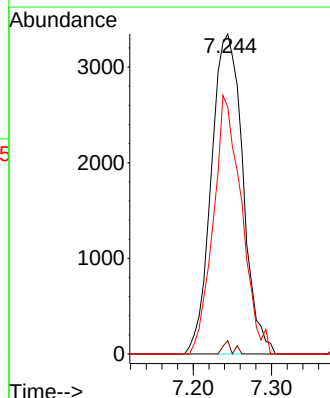
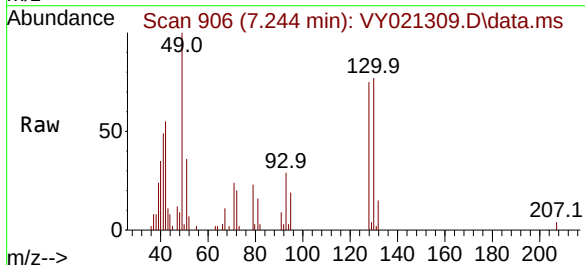
RT: 7.244 min Scan# 906

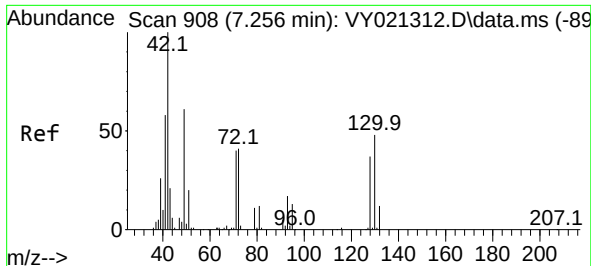
Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:	49	Resp:	9318
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	72.6	57.8	86.6





#29

Tetrahydrofuran

Concen: 24.455 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

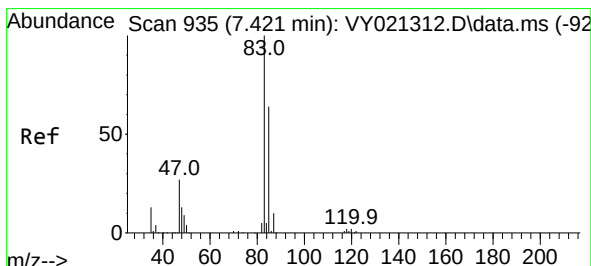
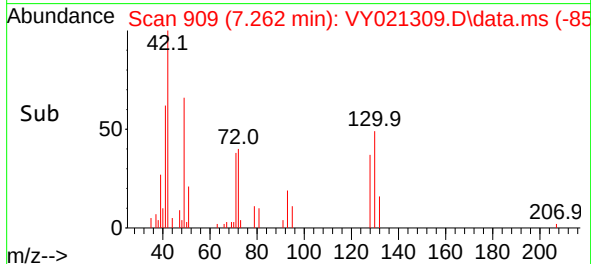
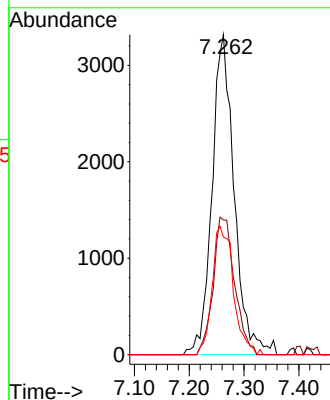
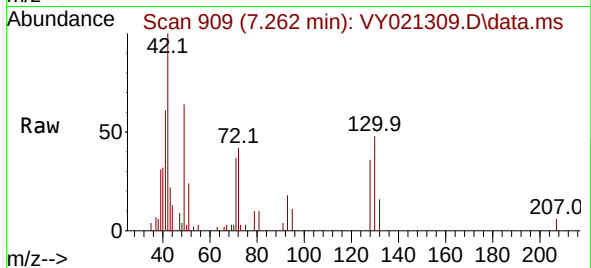
VSTDICC005

Tgt Ion:	42	Resp:	9319
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.1	49.7
71	38.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#30

Chloroform

Concen: 5.351 ug/l

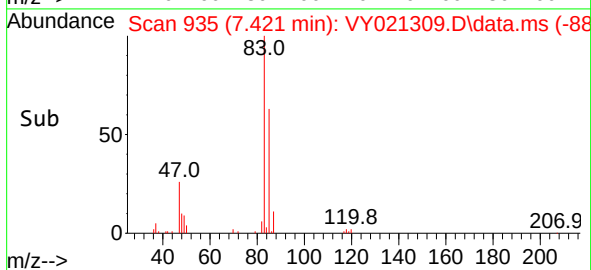
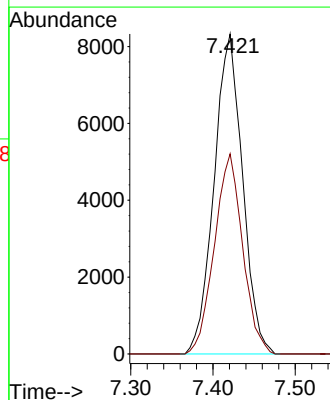
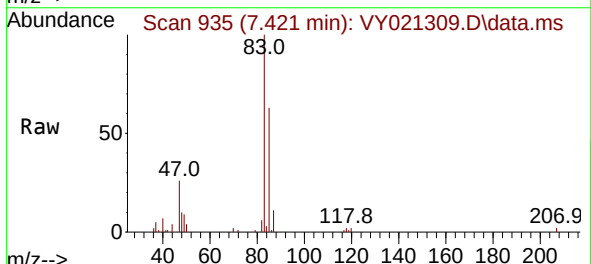
RT: 7.421 min Scan# 935

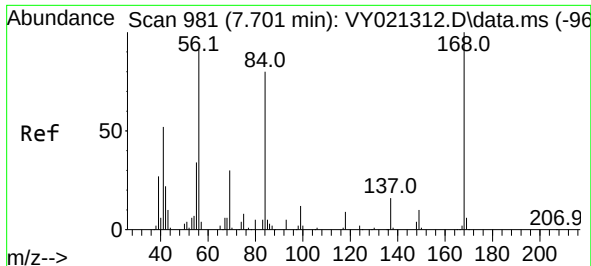
Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

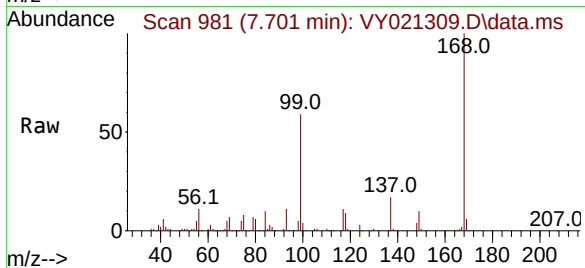
Tgt Ion:	83	Resp:	20025
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.6	77.4





#31
Cyclohexane
Concen: 5.912 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

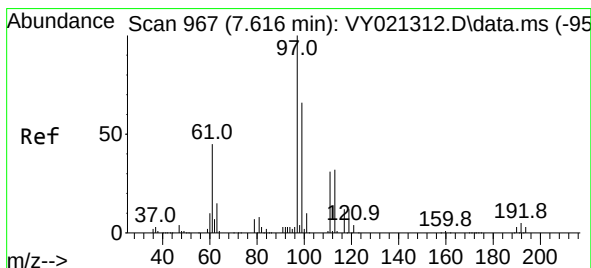
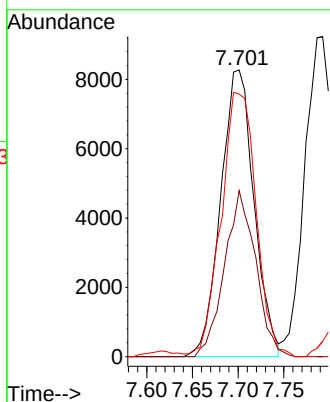
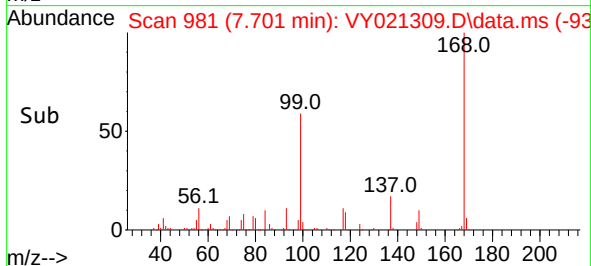
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



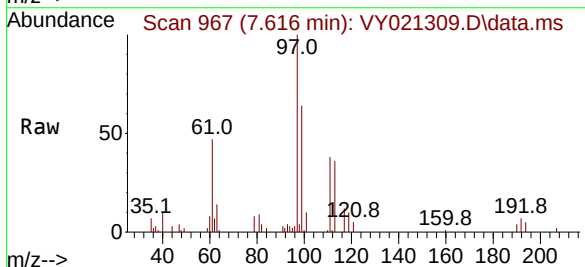
Tgt Ion: 56 Resp: 20990
Ion Ratio Lower Upper
56 100
69 57.9 26.2 39.4
84 90.3 70.2 105.4

Manual Integrations
APPROVED

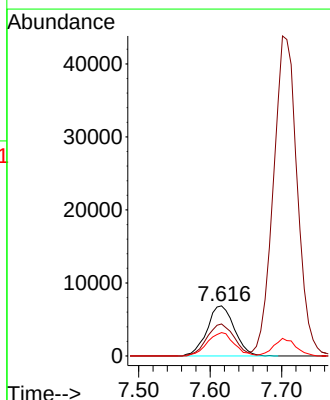
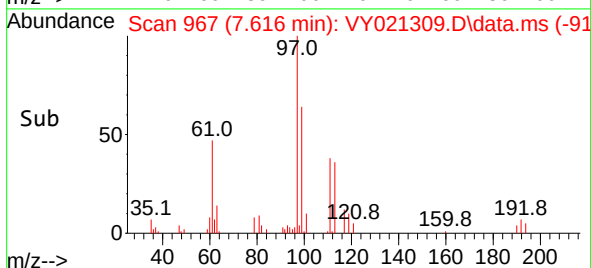
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

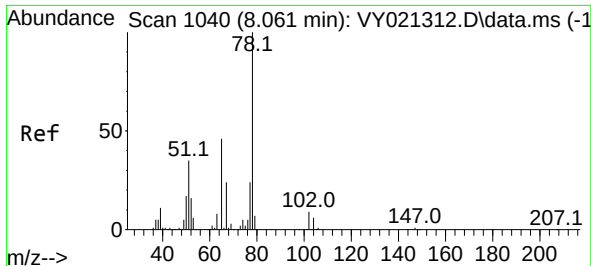


#32
1,1,1-Trichloroethane
Concen: 5.315 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



Tgt Ion: 97 Resp: 18106
Ion Ratio Lower Upper
97 100
99 63.5 52.4 78.6
61 45.7 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 6.003 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1208

Ion Ratio Lower Upper

65 100

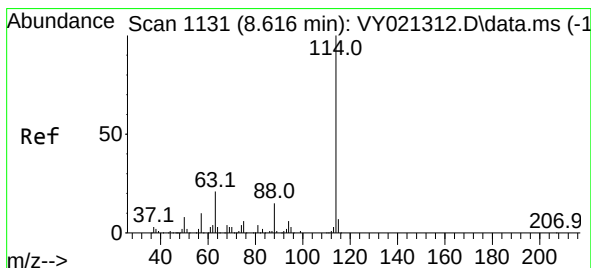
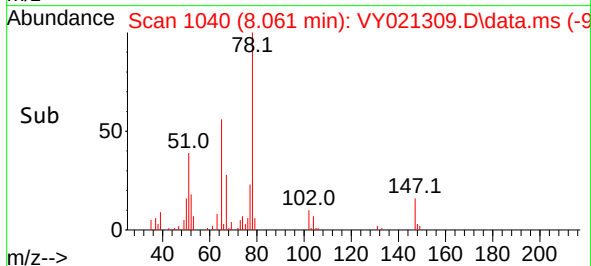
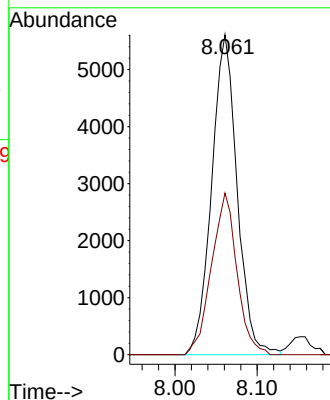
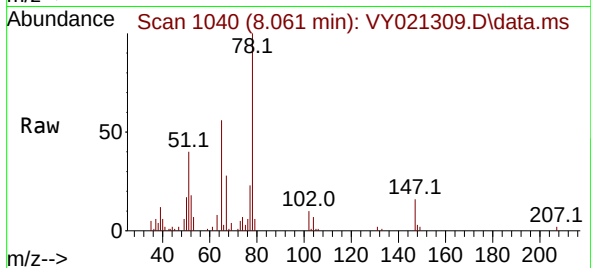
67 50.6 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

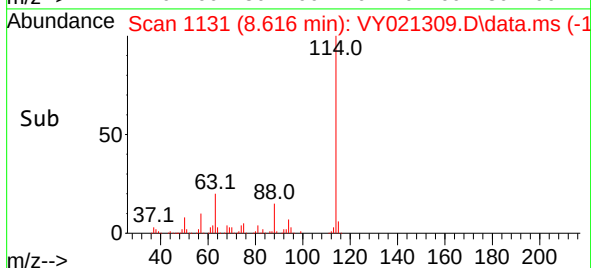
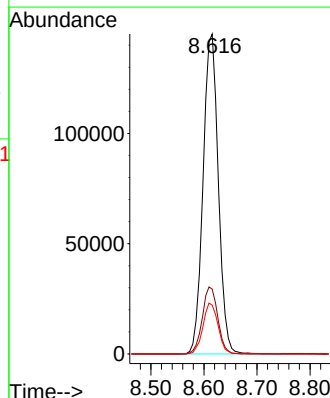
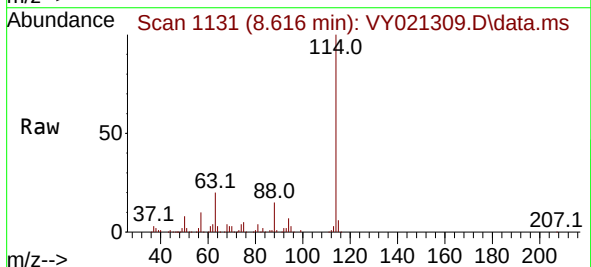
Tgt Ion:114 Resp: 289913

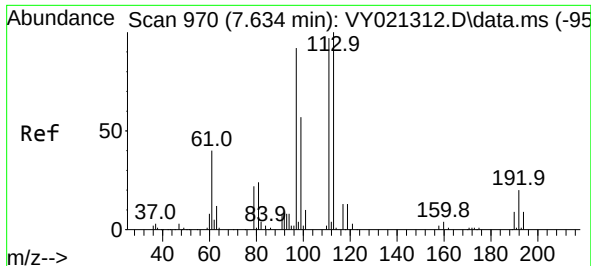
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.2

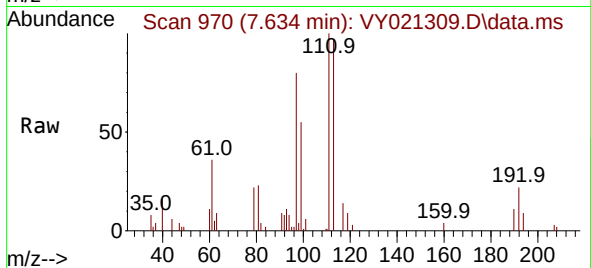
88 15.2 0.0 29.8





#35
Dibromofluoromethane
Concen: 5.637 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

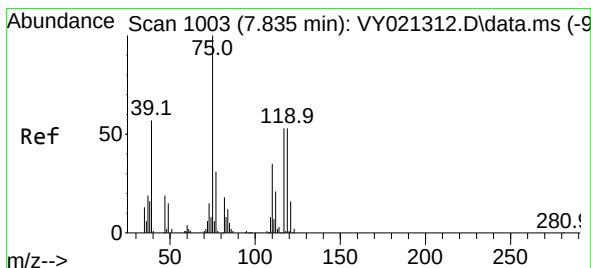
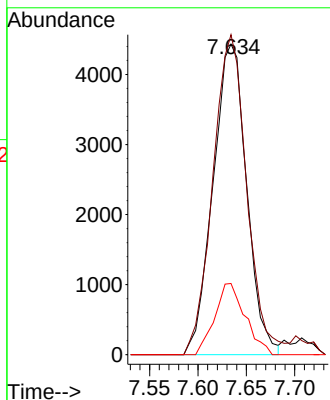
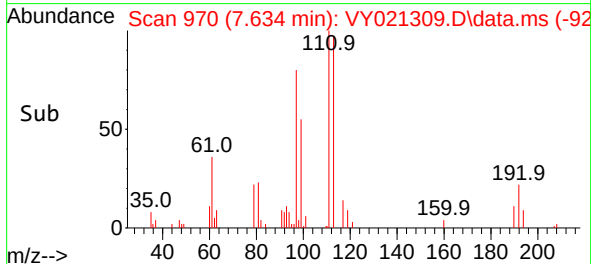
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



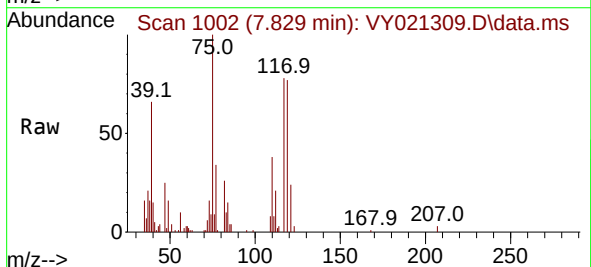
Tgt Ion: 113 Resp: 1071
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.6
192 20.8 15.8 23.8

Manual Integrations
APPROVED

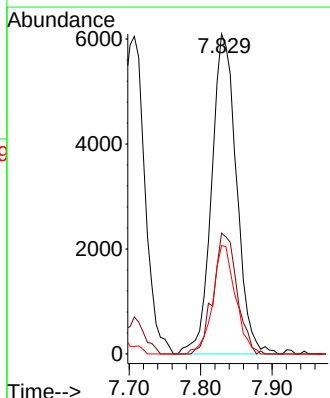
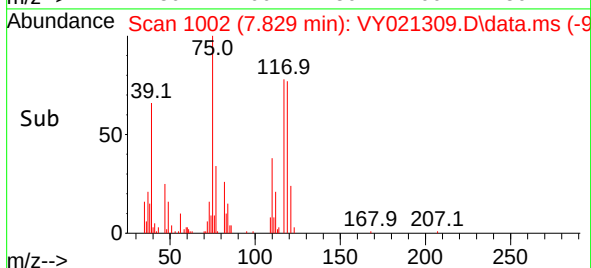
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

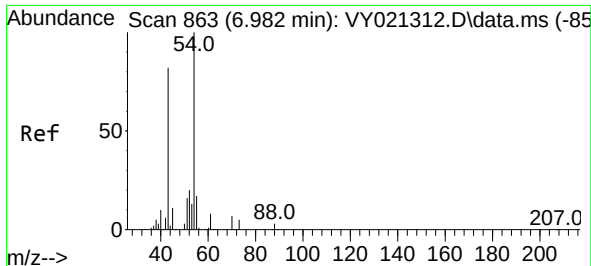


#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



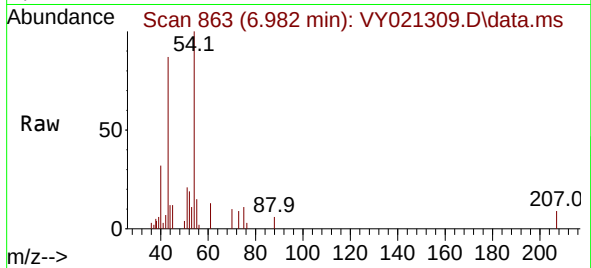
Tgt Ion: 75 Resp: 14719
Ion Ratio Lower Upper
75 100
110 35.9 16.9 50.7
77 31.0 24.6 36.8





#37
Ethyl Acetate
Concen: 5.119 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

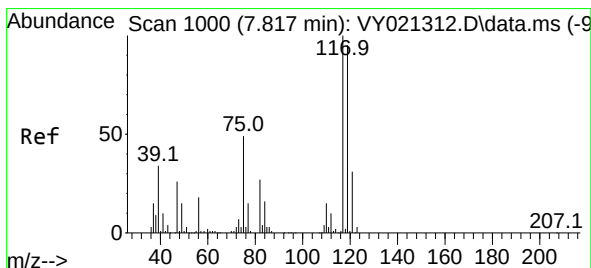
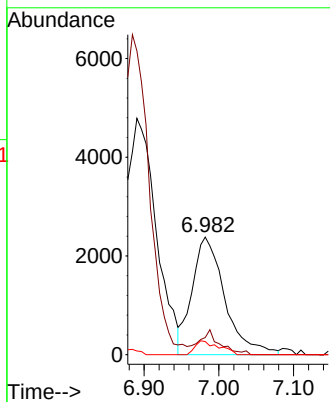
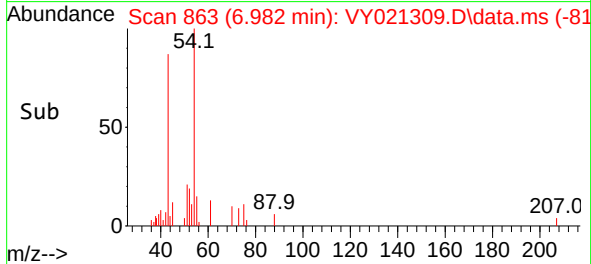
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 7270
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 8.5 7.5 11.3

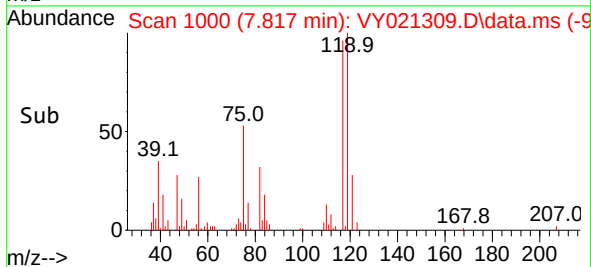
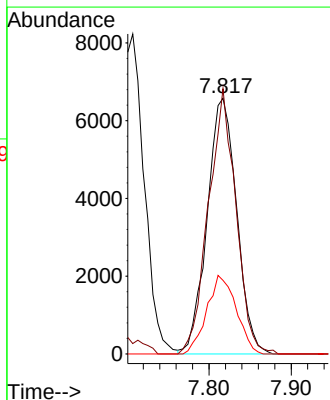
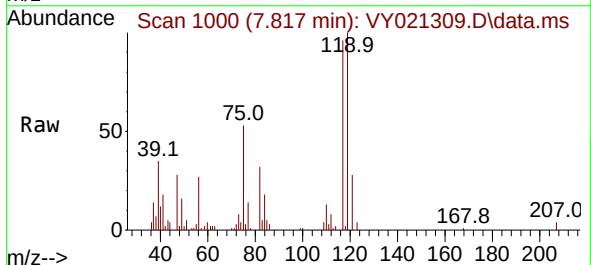
Manual Integrations
APPROVED

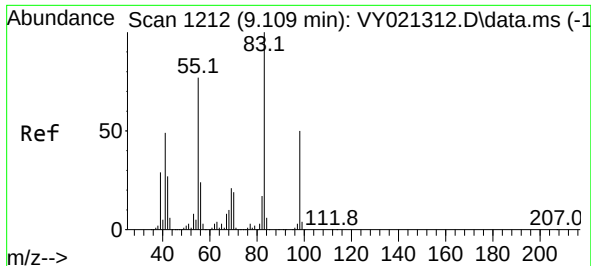
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

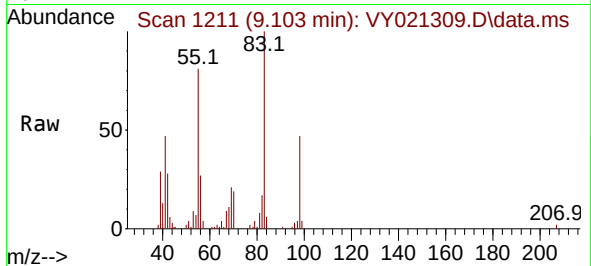
Tgt Ion:117 Resp: 16445
Ion Ratio Lower Upper
117 100
119 103.8 76.0 114.0
121 28.8 24.9 37.3





#39
Methylcyclohexane
Concen: 4.795 ug/l
RT: 9.103 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

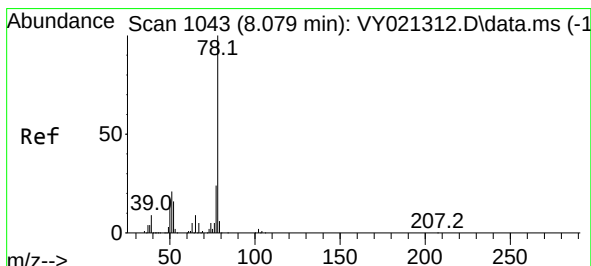
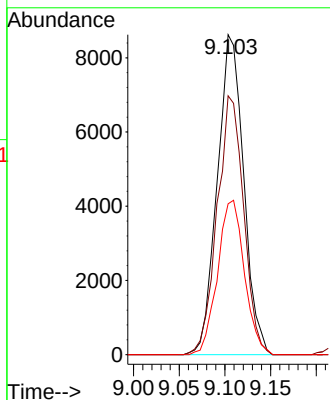
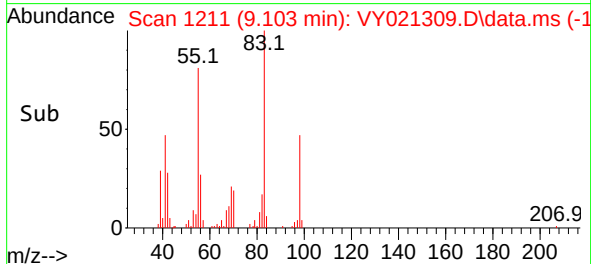
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 17310
Ion Ratio Lower Upper
83 100
55 80.9 61.3 91.9
98 47.2 39.9 59.9

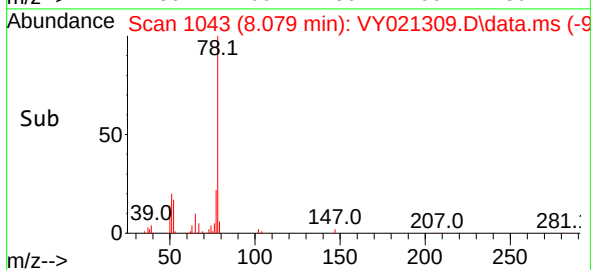
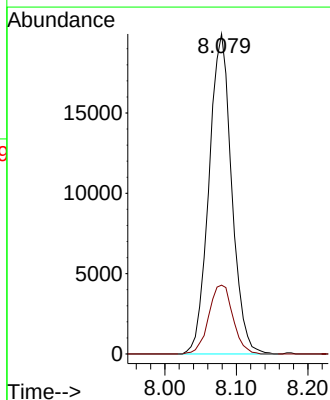
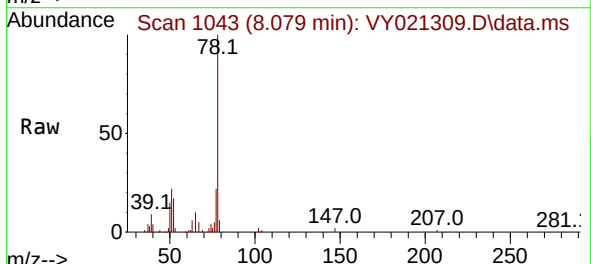
Manual Integrations
APPROVED

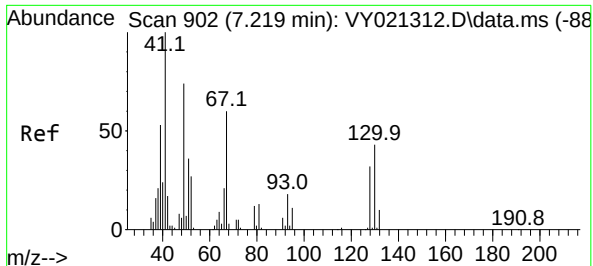
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#40
Benzene
Concen: 5.203 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

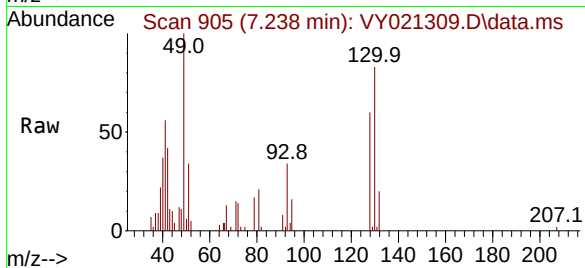
Tgt Ion: 78 Resp: 43912
Ion Ratio Lower Upper
78 100
77 21.5 19.2 28.8





#41
Methacrylonitrile
Concen: 5.908 ug/l m
RT: 7.238 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

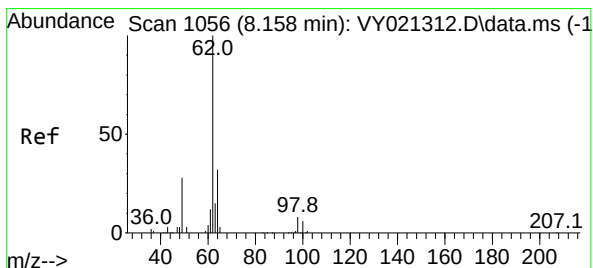
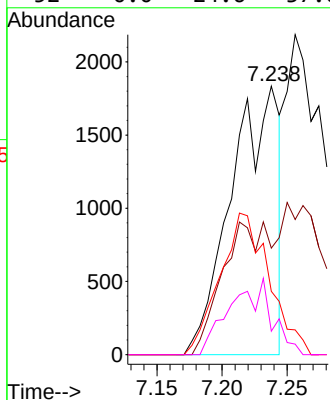
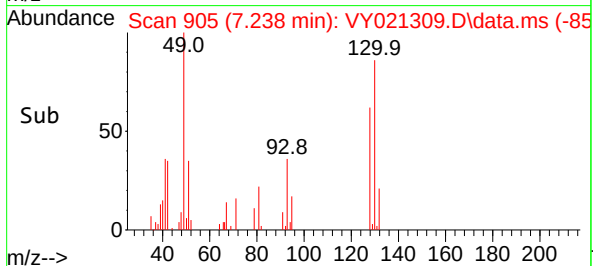
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 469
Ion Ratio Lower Upper
41 100
39 35.3 42.3 63.5
67 54.1 54.8 82.2
52 0.0 24.6 37.0

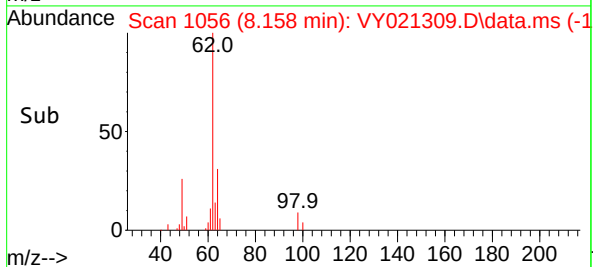
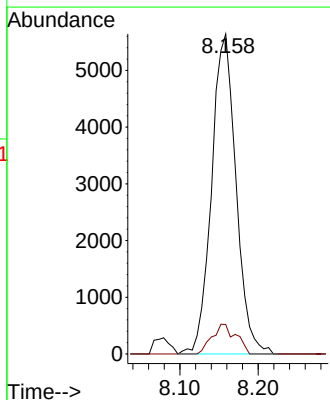
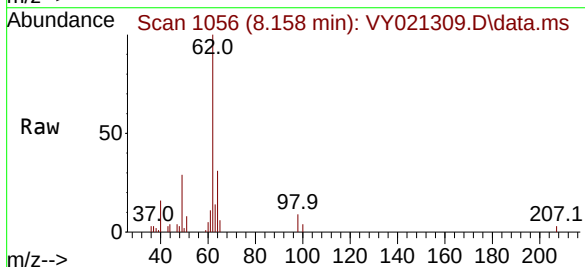
Manual Integrations
APPROVED

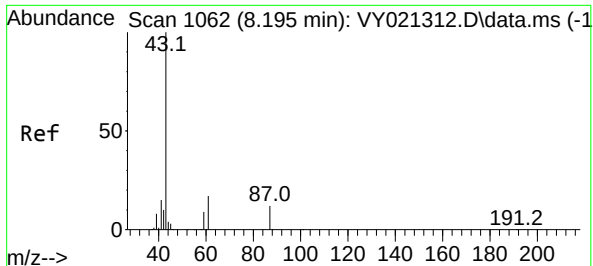
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#42
1,2-Dichloroethane
Concen: 5.110 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 62 Resp: 12236
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 4.668 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

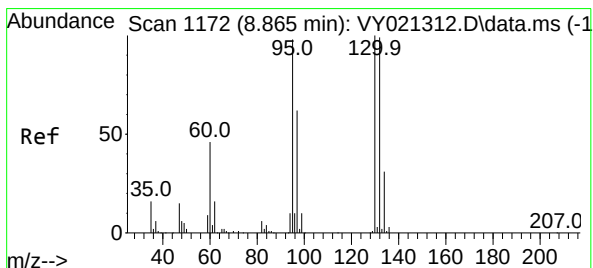
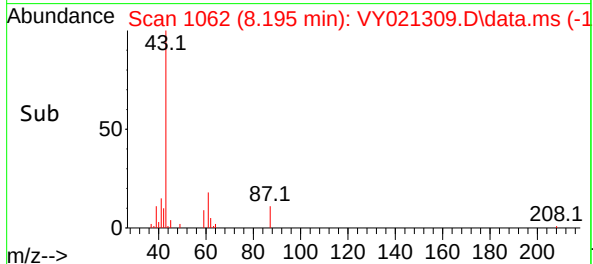
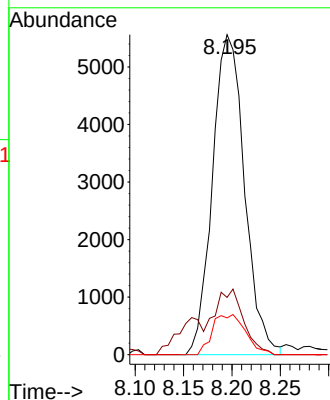
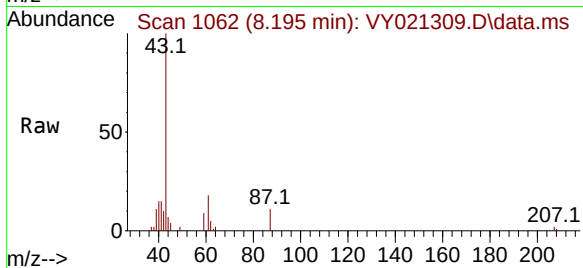
VSTDIC005

Tgt Ion: 43	Resp: 1283
Ion Ratio	Lower Upper
43	100
61	18.7 15.0 22.6
87	13.0 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#44

Trichloroethene

Concen: 5.143 ug/l

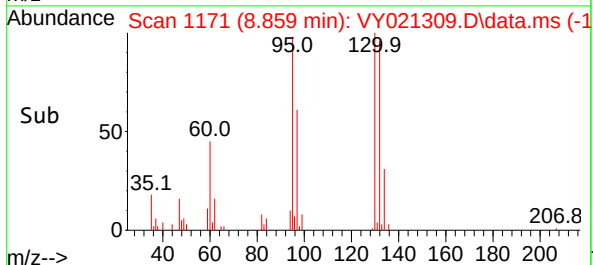
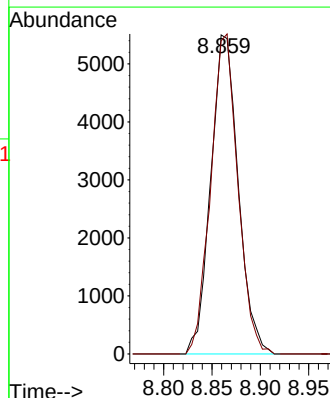
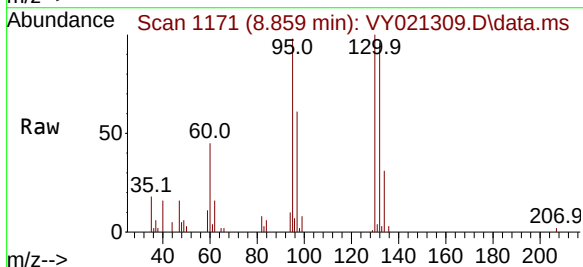
RT: 8.859 min Scan# 1171

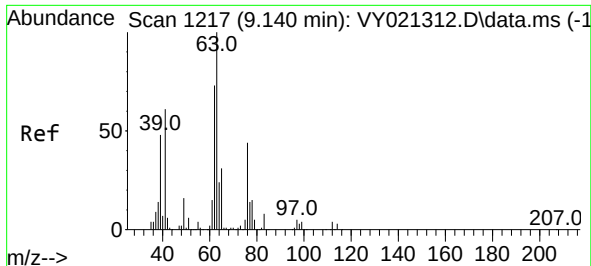
Delta R.T. -0.006 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:130	Resp: 10868
Ion Ratio	Lower Upper
130	100
95	98.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 5.133 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 10420

Ion Ratio Lower Upper

63 100

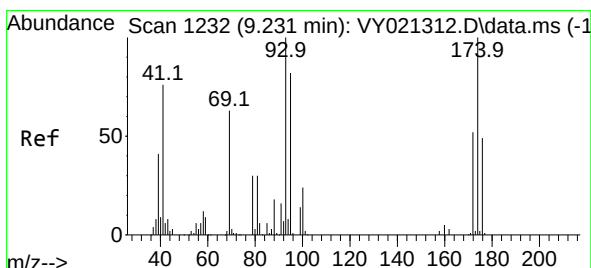
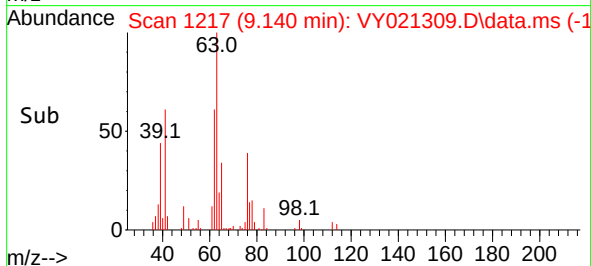
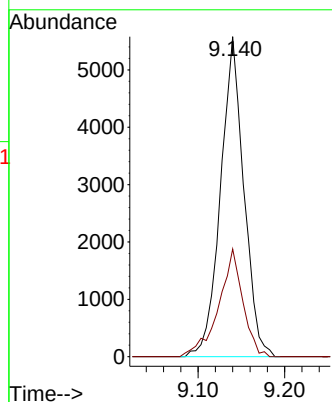
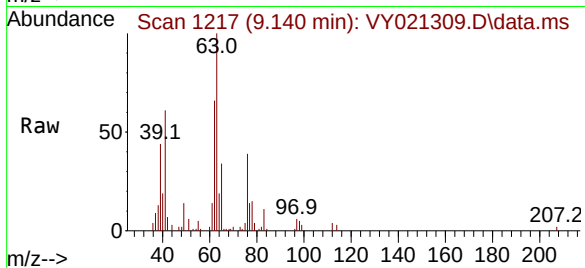
65 33.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#46

Dibromomethane

Concen: 5.005 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

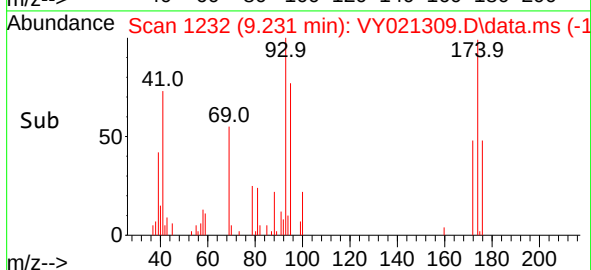
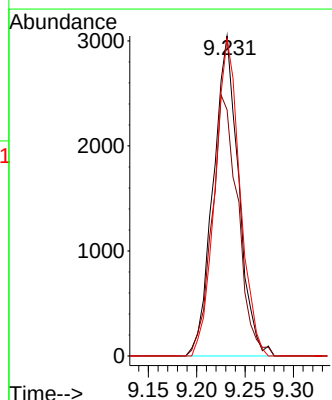
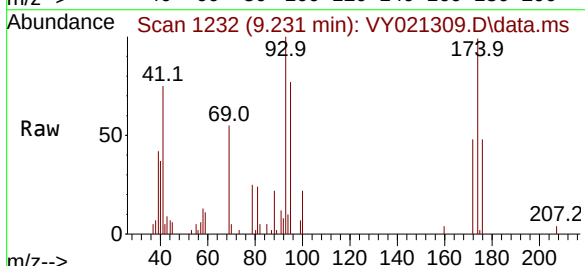
Tgt Ion: 93 Resp: 5557

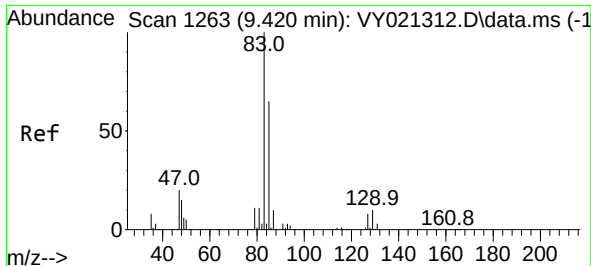
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 97.3 78.2 117.2





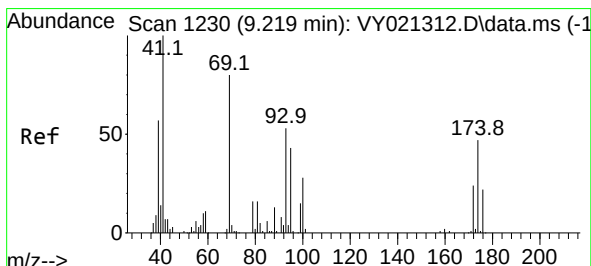
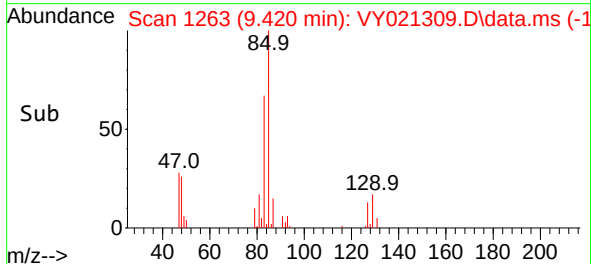
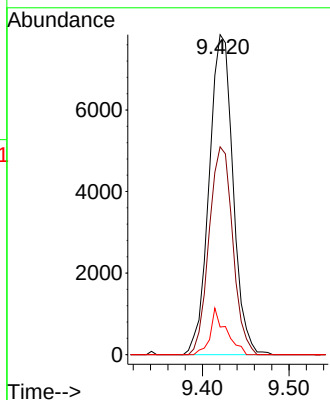
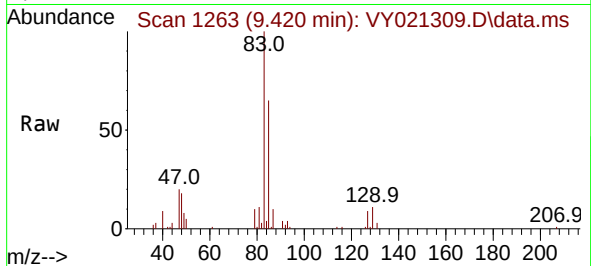
#47
Bromodichloromethane
Concen: 5.081 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1504
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8
127 8.7 6.7 10.1

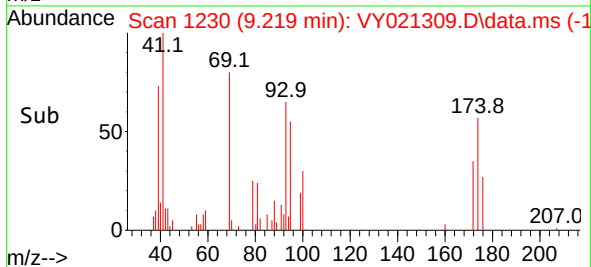
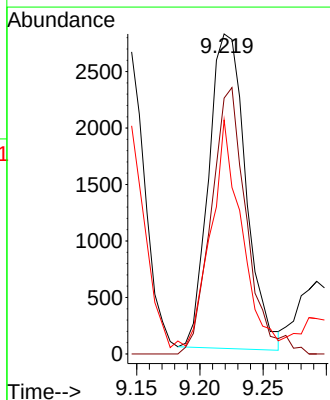
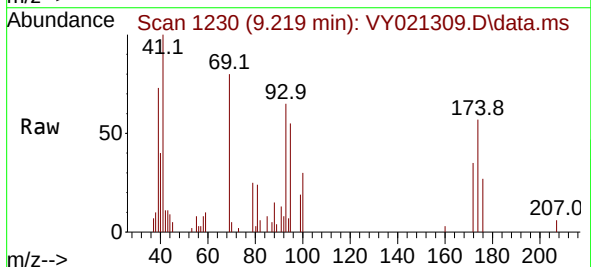
Manual Integrations
APPROVED

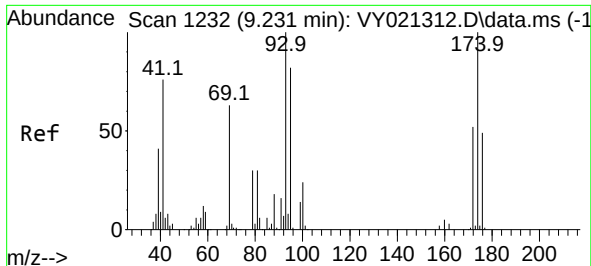
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#48
Methyl methacrylate
Concen: 4.433 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

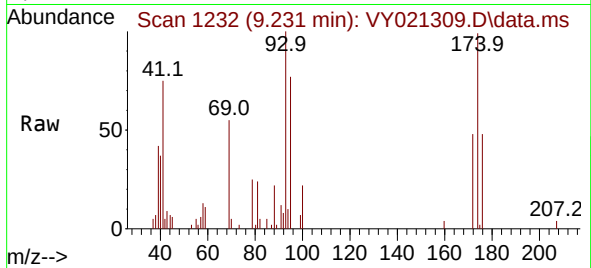
Tgt Ion: 41 Resp: 5698
Ion Ratio Lower Upper
41 100
69 80.6 63.3 94.9
39 62.7 45.0 67.6





#49
1,4-Dioxane
Concen: 94.292 ug/l
RT: 9.231 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

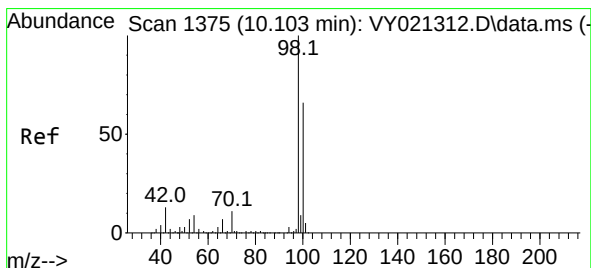
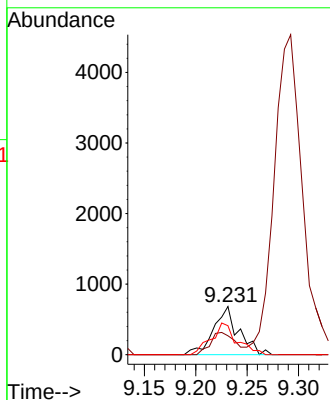
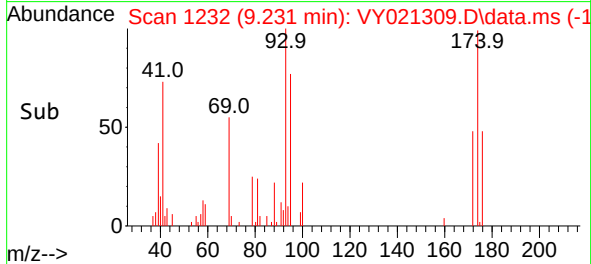
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 1164
Ion Ratio Lower Upper
88 100
43 43.6 34.8 52.2
58 67.1 59.8 89.6

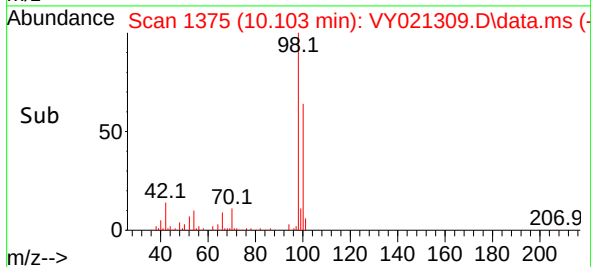
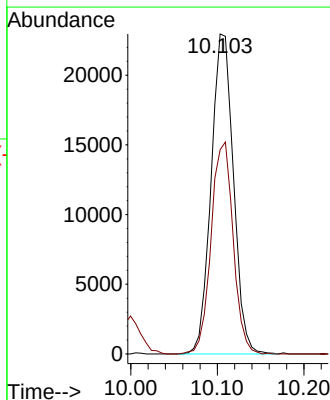
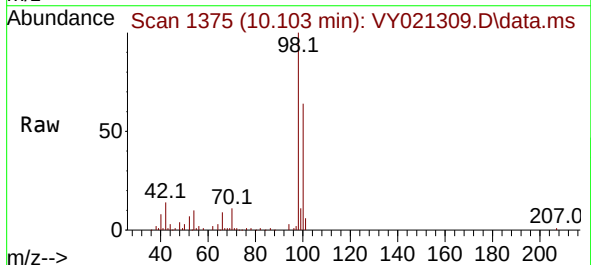
Manual Integrations
APPROVED

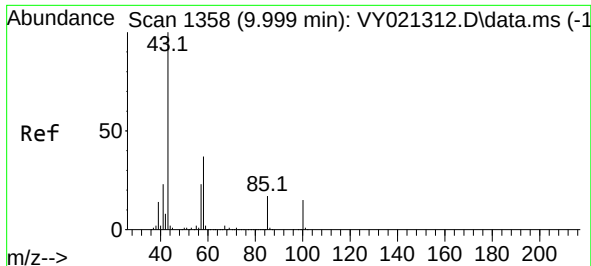
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#50
Toluene-d8
Concen: 5.603 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 98 Resp: 41158
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6





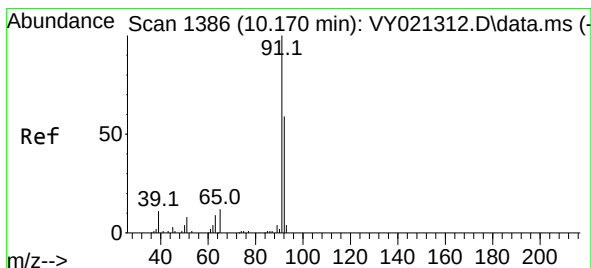
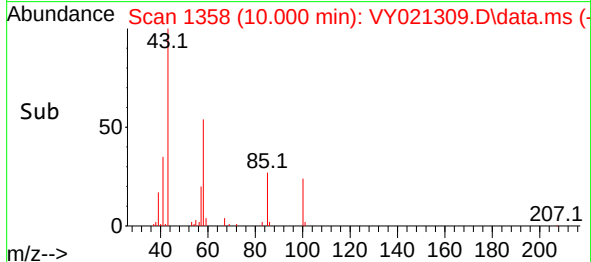
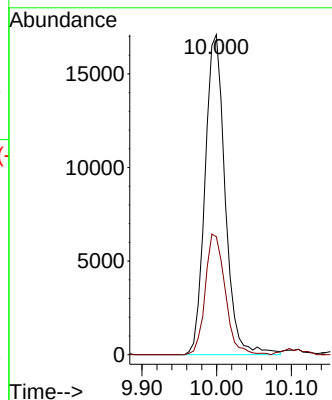
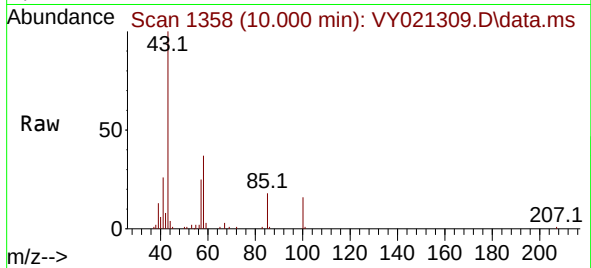
#51
4-Methyl-2-Pentanone
Concen: 22.677 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 31910
Ion Ratio Lower Upper
43 100
58 37.3 30.1 45.1

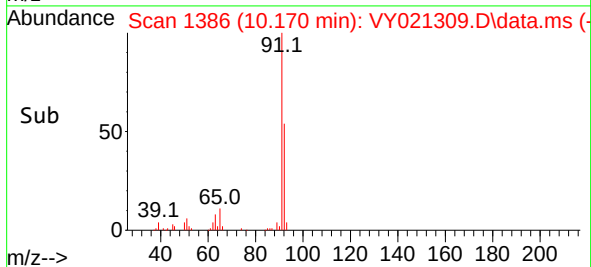
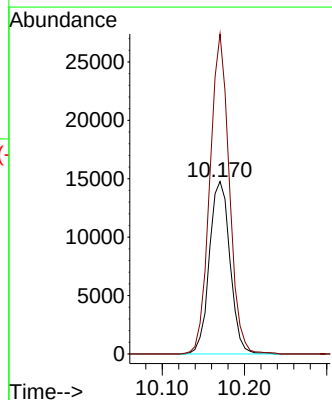
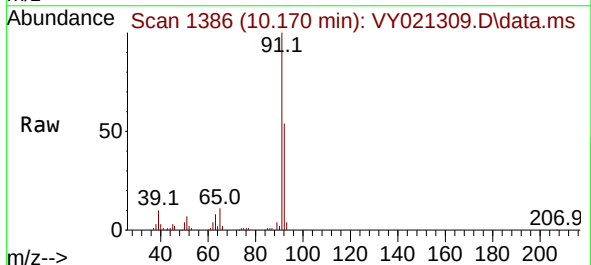
Manual Integrations
APPROVED

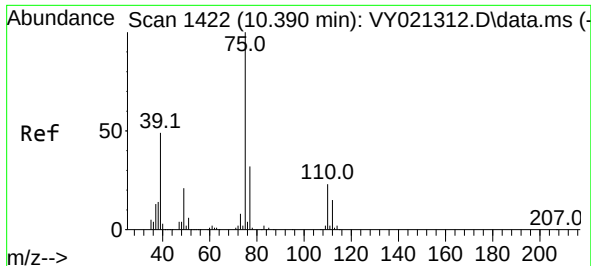
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#52
Toluene
Concen: 4.905 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 92 Resp: 25715
Ion Ratio Lower Upper
92 100
91 175.2 137.8 206.8





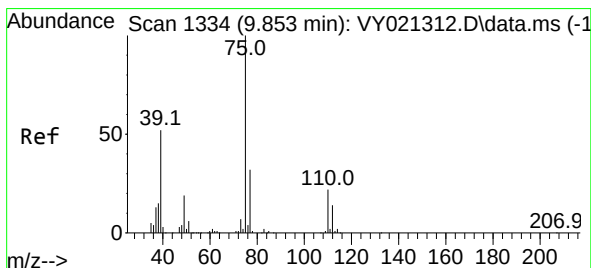
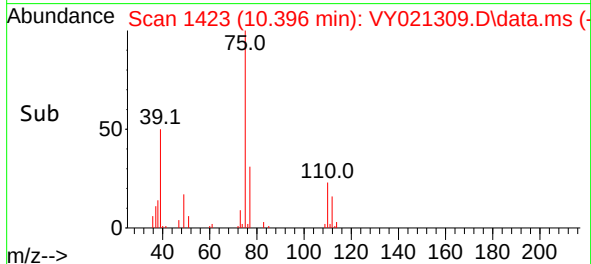
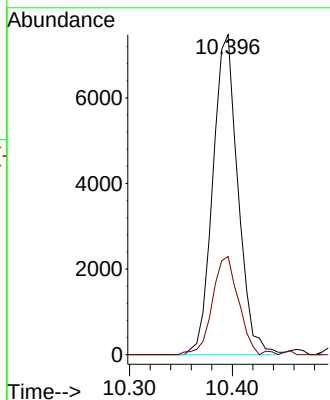
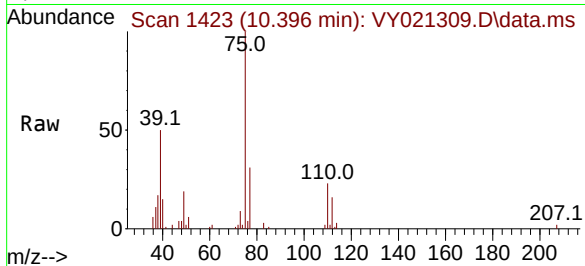
#53
t-1,3-Dichloropropene
Concen: 4.682 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1269
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

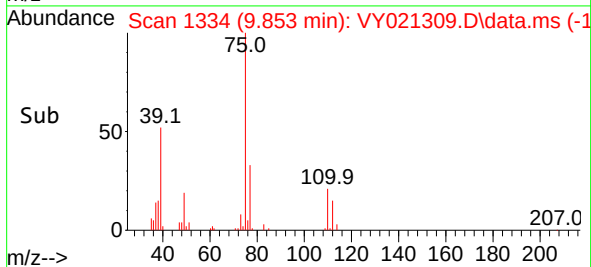
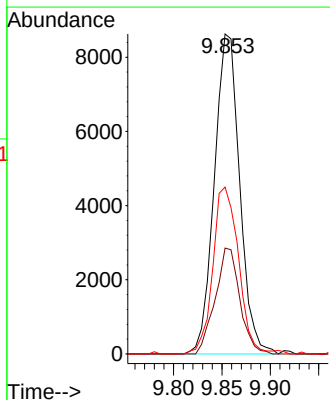
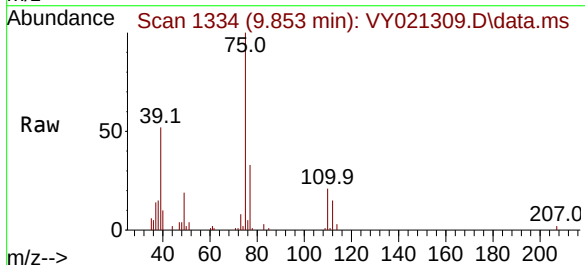
Manual Integrations
APPROVED

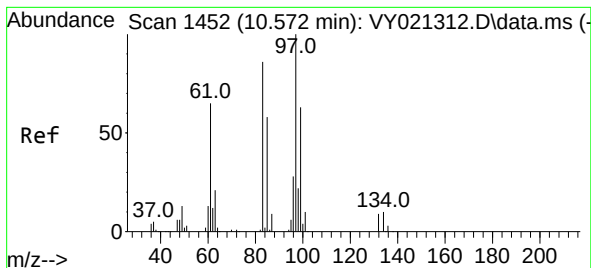
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#54
cis-1,3-Dichloropropene
Concen: 4.899 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 75 Resp: 15685
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5
39 52.2 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 5.019 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

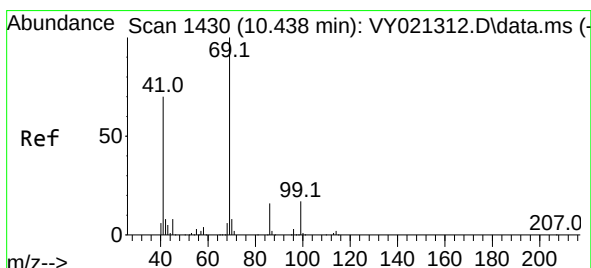
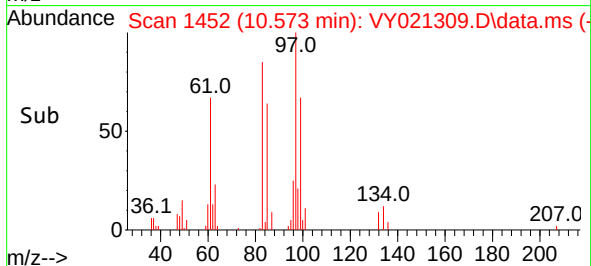
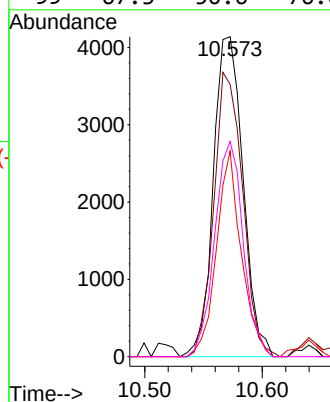
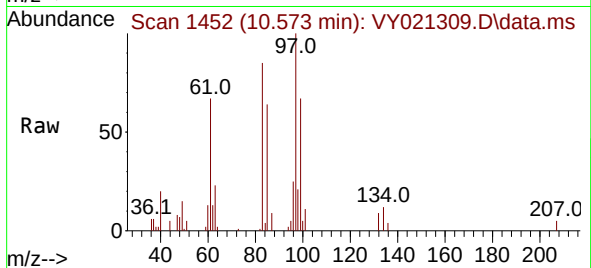
Tgt Ion:	97	Resp:	7258
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.7	103.1
85	64.3	46.3	69.5
99	67.3	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#56

Ethyl methacrylate

Concen: 4.267 ug/l

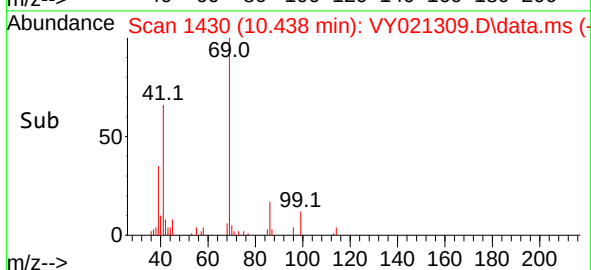
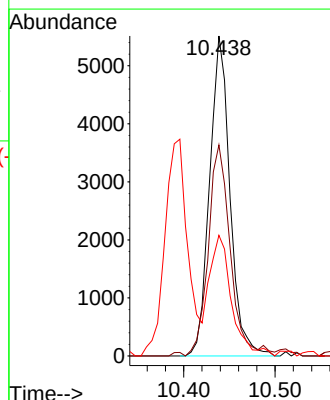
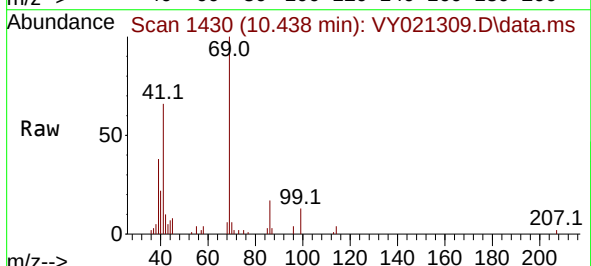
RT: 10.438 min Scan# 1430

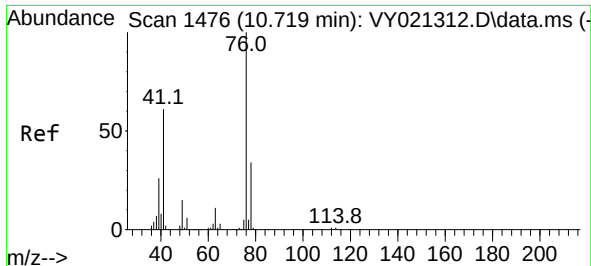
Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:	69	Resp:	8528
Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.2	84.4
39	40.8	32.7	49.1





#57

1,3-Dichloropropane

Concen: 4.880 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 12384

Ion Ratio Lower Upper

76 100

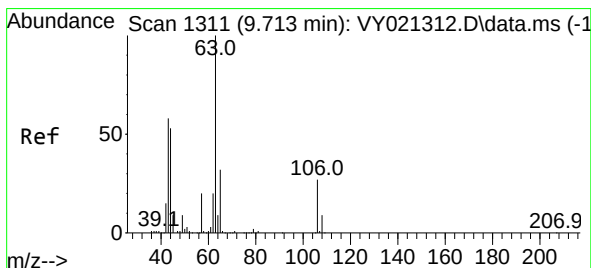
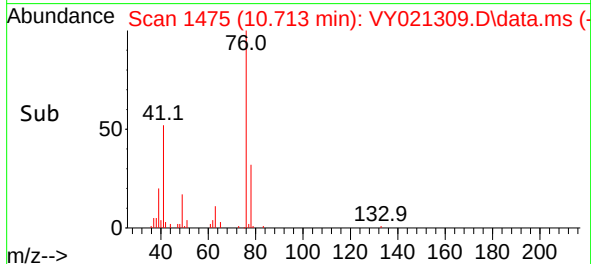
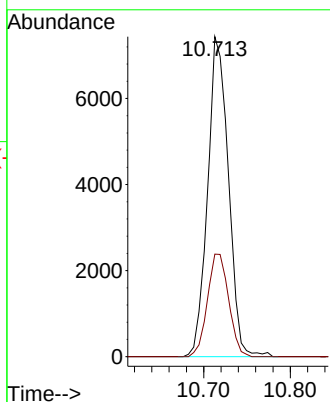
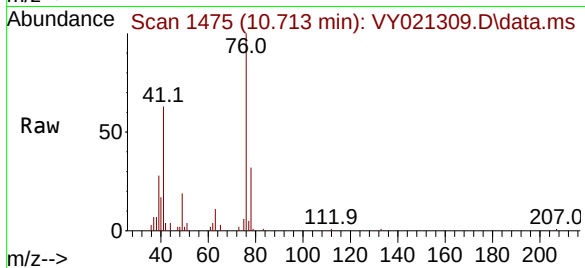
78 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 21.153 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021309.D

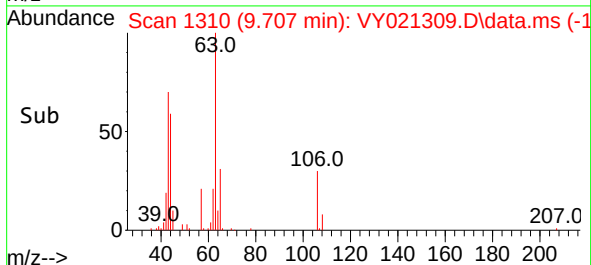
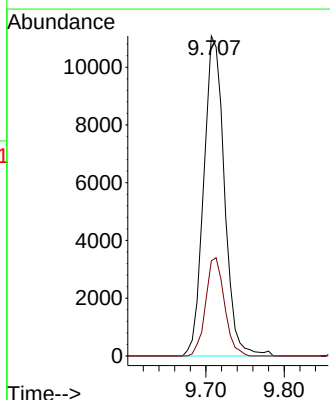
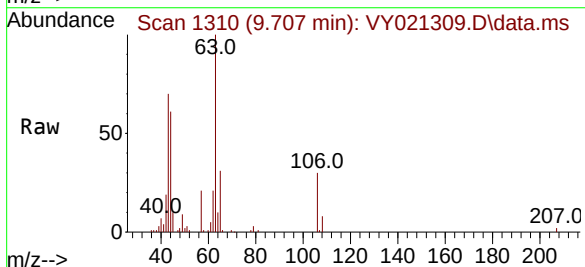
Acq: 25 Feb 2025 12:40

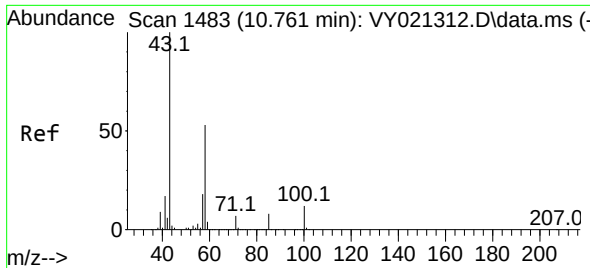
Tgt Ion: 63 Resp: 20290

Ion Ratio Lower Upper

63 100

106 28.0 21.7 32.5





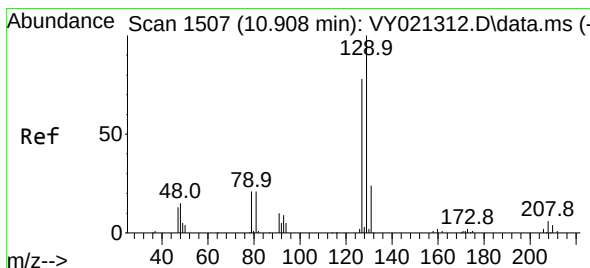
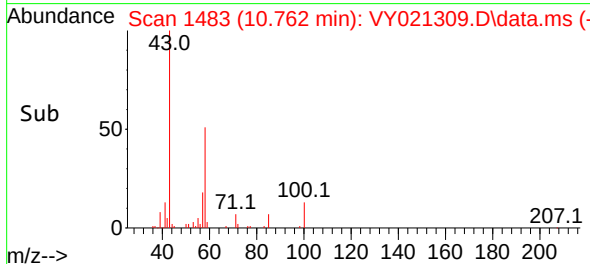
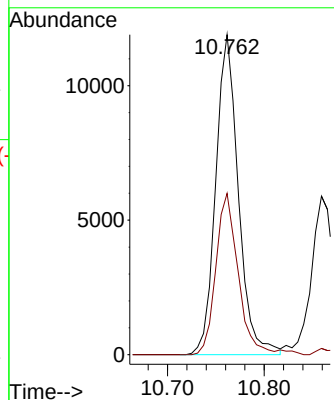
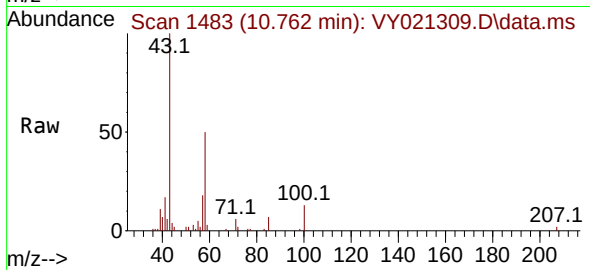
#59
2-Hexanone
Concen: 20.897 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 49.3 25.9 77.6

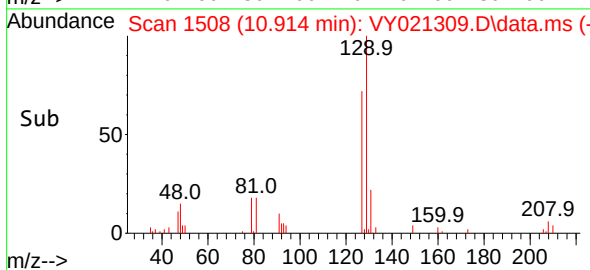
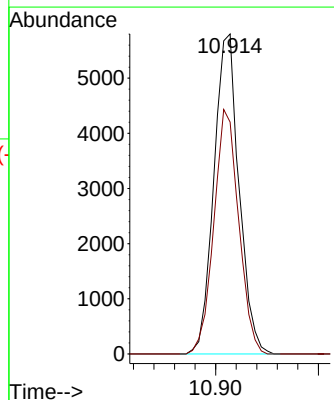
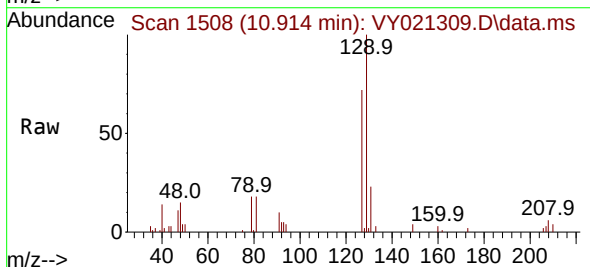
Manual Integrations
APPROVED

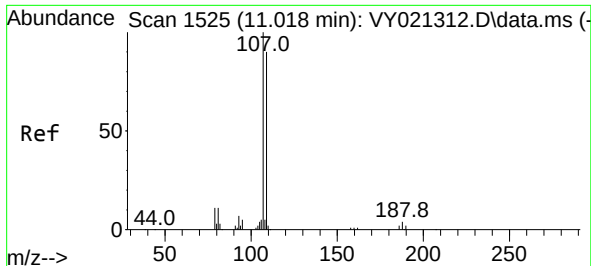
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#60
Dibromochloromethane
Concen: 4.998 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

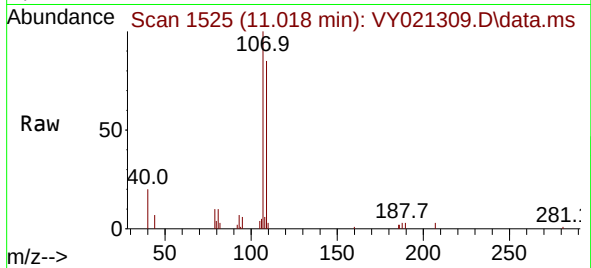
Tgt Ion:129 Resp: 9844
Ion Ratio Lower Upper
129 100
127 75.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.960 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

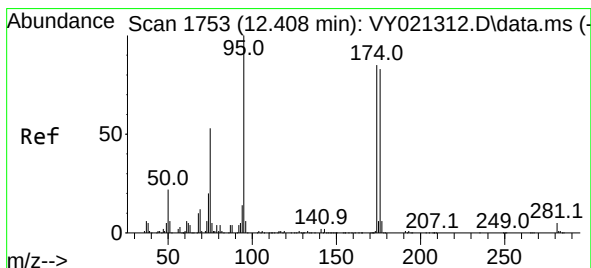
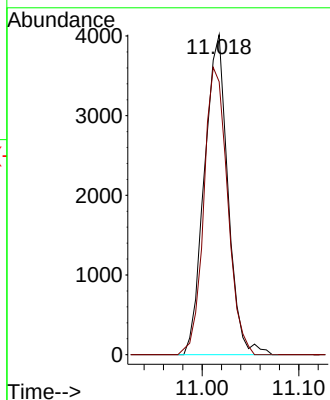
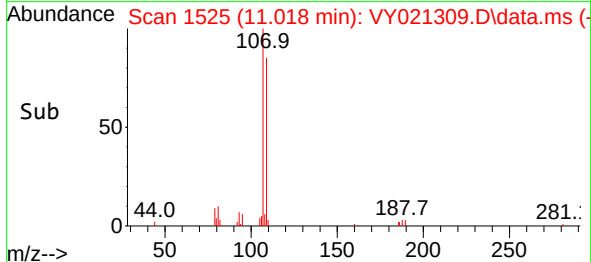
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



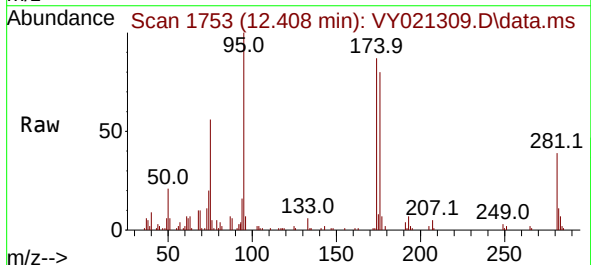
Tgt Ion:107 Resp: 6792
Ion Ratio Lower Upper
107 100
109 90.5 73.8 110.8

Manual Integrations
APPROVED

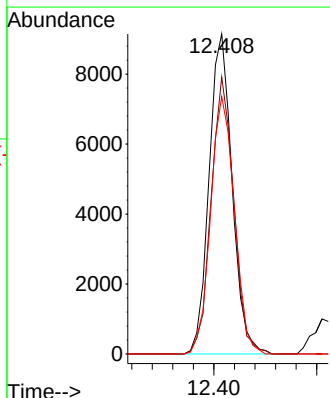
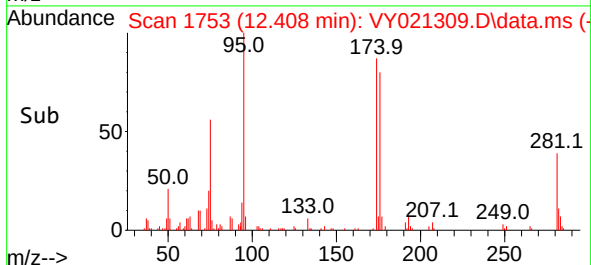
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

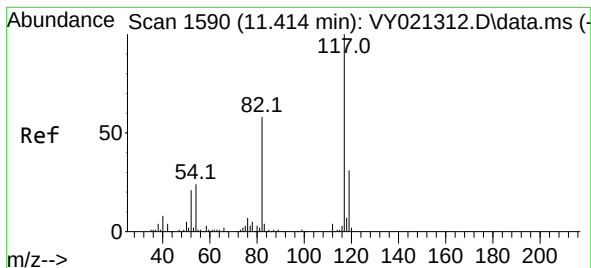


#62
4-Bromofluorobenzene
Concen: 5.741 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



Tgt Ion: 95 Resp: 14192
Ion Ratio Lower Upper
95 100
174 85.3 0.0 168.0
176 83.1 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

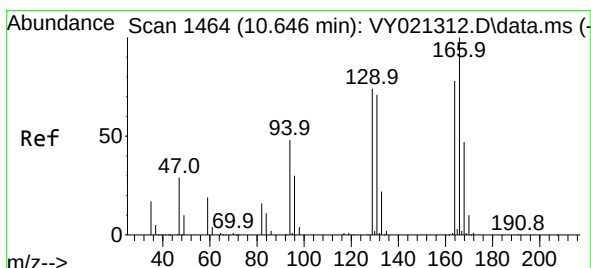
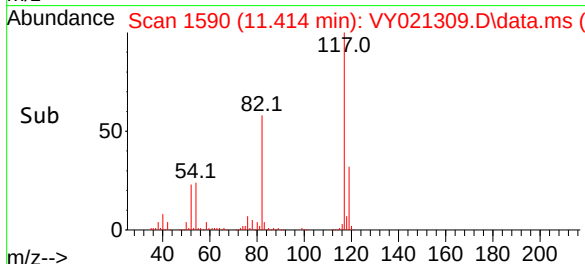
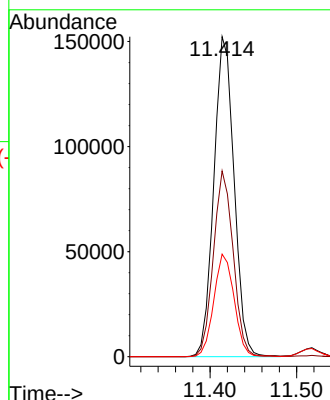
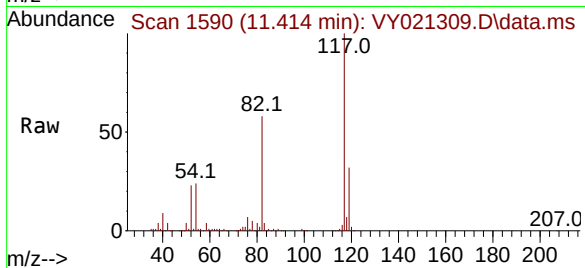
VSTDIC005

Tgt Ion:117	Resp: 24783
Ion Ratio	Lower Upper
117 100	
82 58.1	46.2 69.4
119 32.0	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#64

Tetrachloroethene

Concen: 5.361 ug/l

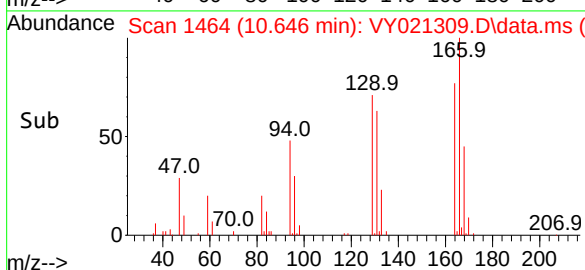
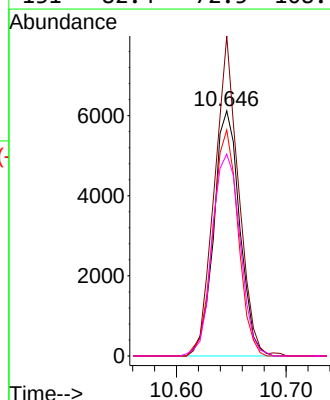
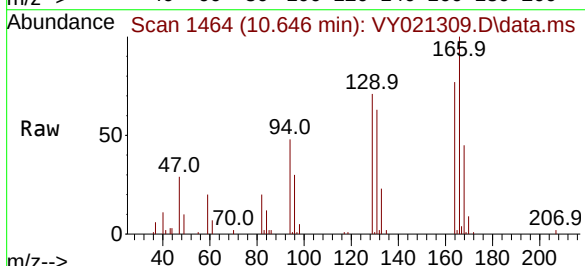
RT: 10.646 min Scan# 1464

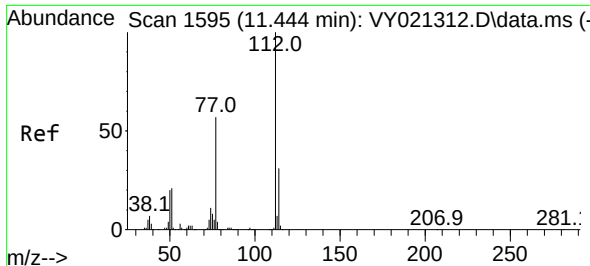
Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

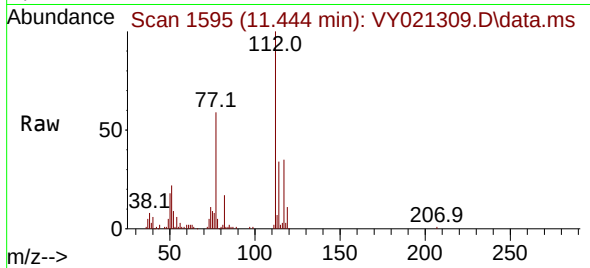
Tgt Ion:164	Resp: 10042
Ion Ratio	Lower Upper
164 100	
166 130.6	101.9 152.9
129 92.3	75.5 113.3
131 82.4	72.5 108.7





#65
Chlorobenzene
Concen: 5.217 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

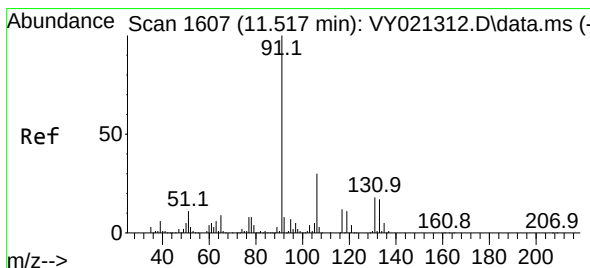
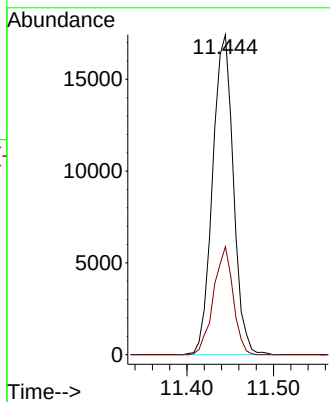
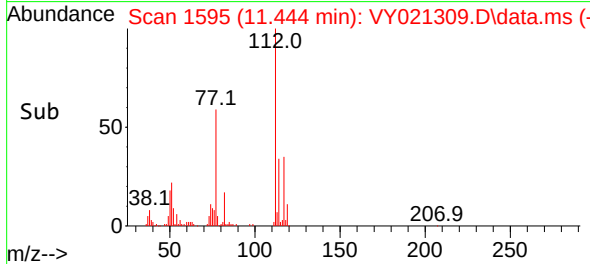
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



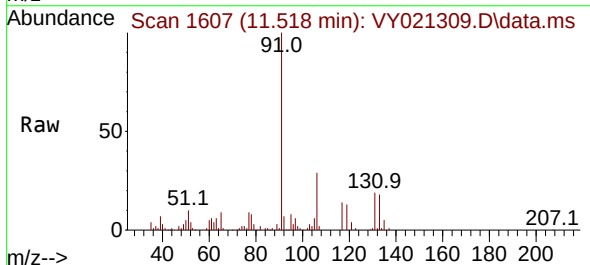
Tgt Ion:112 Resp: 2902
Ion Ratio Lower Upper
112 100
114 33.8 25.0 37.6

Manual Integrations
APPROVED

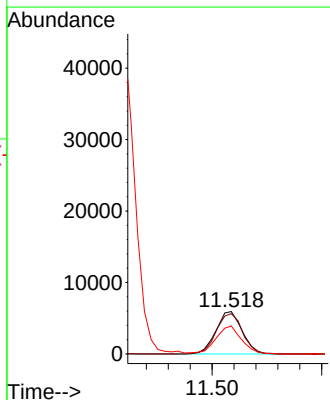
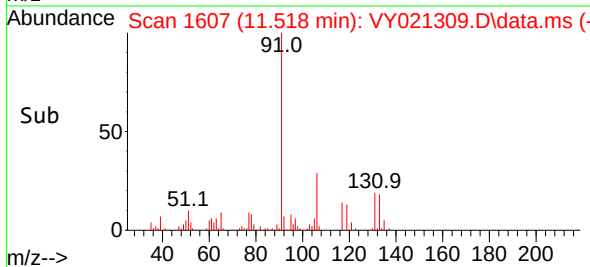
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

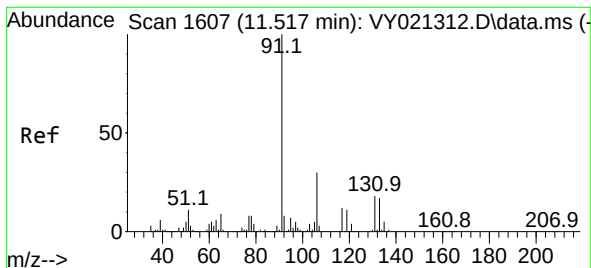


#66
1,1,1,2-Tetrachloroethane
Concen: 5.043 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



Tgt Ion:131 Resp: 9824
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 64.5 31.7 95.1





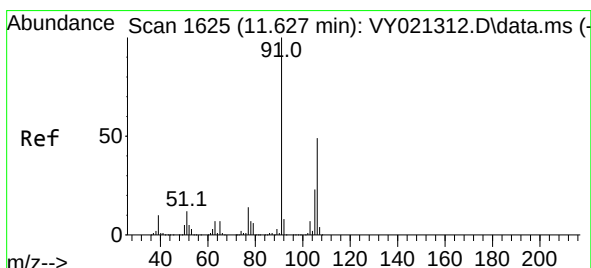
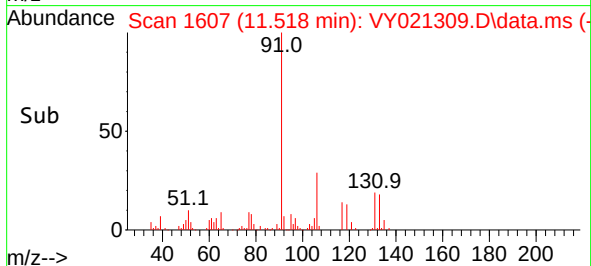
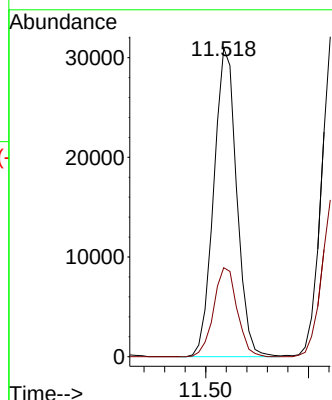
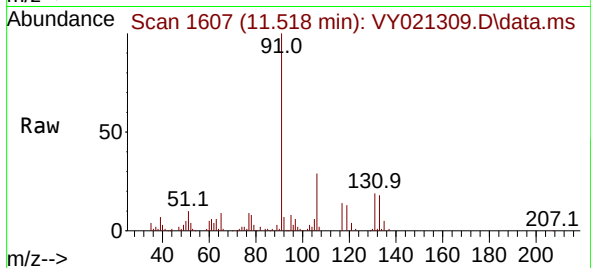
#67
Ethyl Benzene
Concen: 4.874 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 48020
Ion Ratio Lower Upper
91 100
106 28.8 24.4 36.6

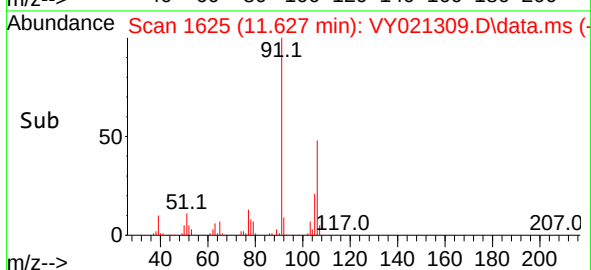
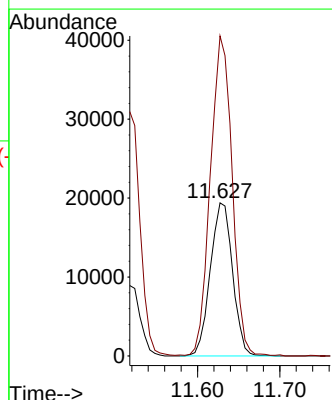
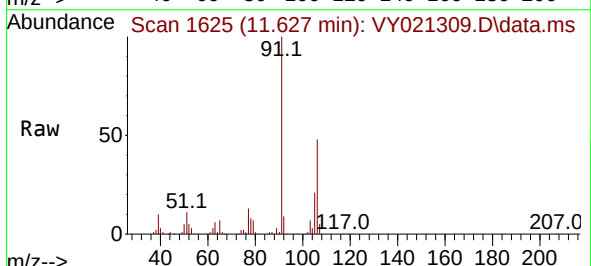
Manual Integrations
APPROVED

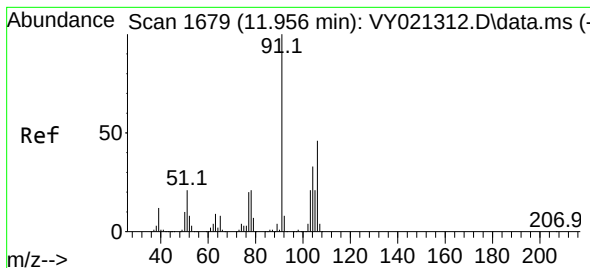
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#68
m/p-Xylenes
Concen: 9.833 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:106 Resp: 36446
Ion Ratio Lower Upper
106 100
91 205.1 163.9 245.9





#69

o-Xylene

Concen: 4.920 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 1708

Ion Ratio Lower Upper

106 100

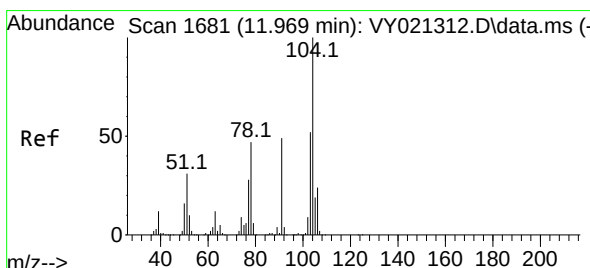
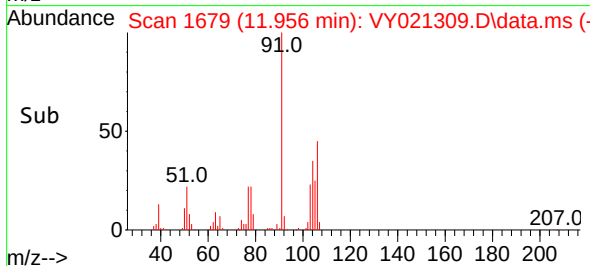
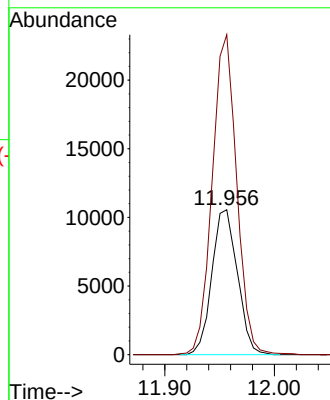
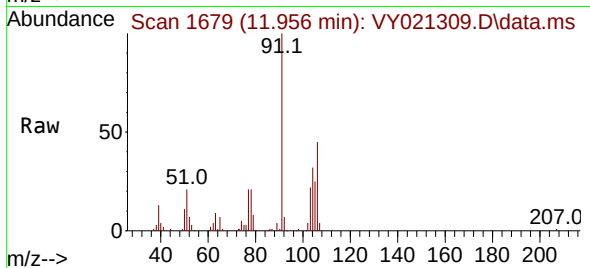
91 211.7 108.1 324.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#70

Styrene

Concen: 4.637 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

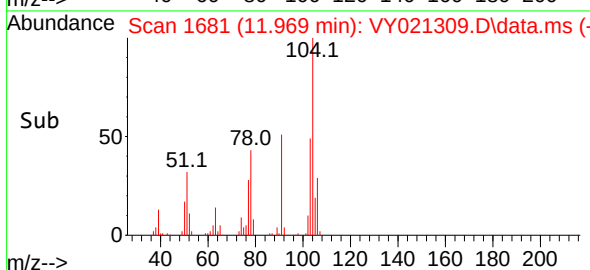
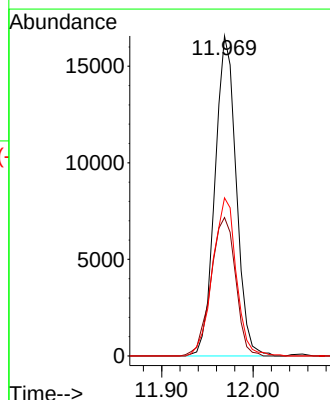
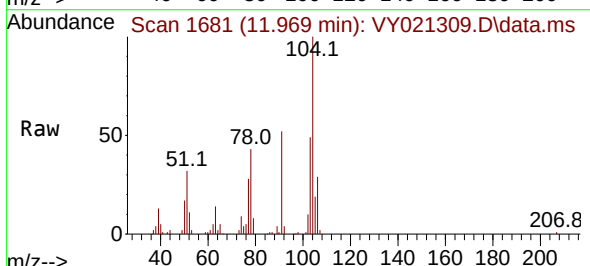
Tgt Ion:104 Resp: 26787

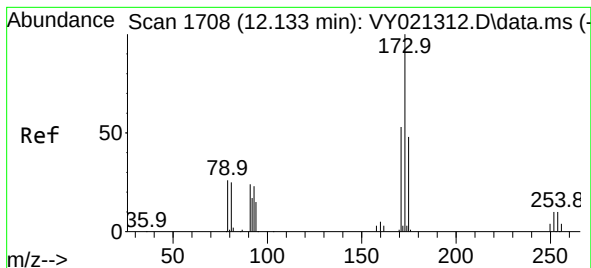
Ion Ratio Lower Upper

104 100

78 50.1 41.3 61.9

103 54.9 43.9 65.9





#71

Bromoform

Concen: 4.916 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

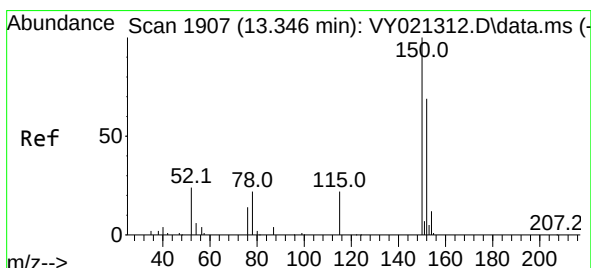
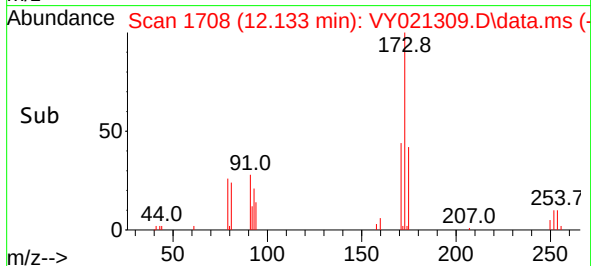
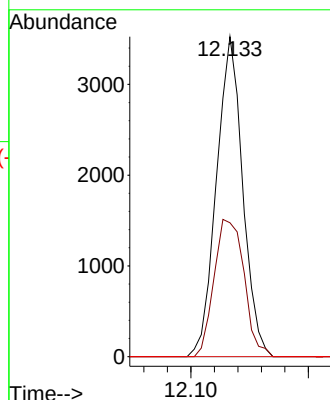
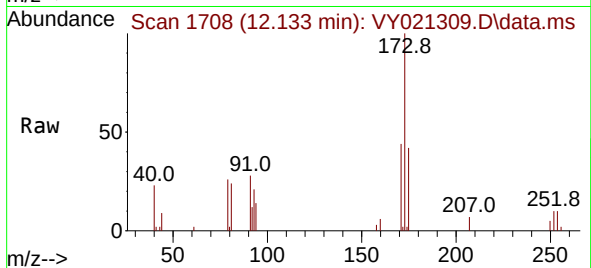
VSTDIC005

Tgt Ion:	173	Resp:	5478
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.3
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

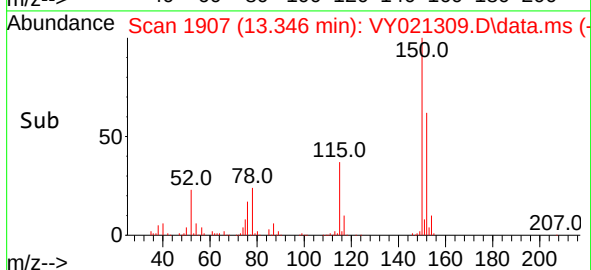
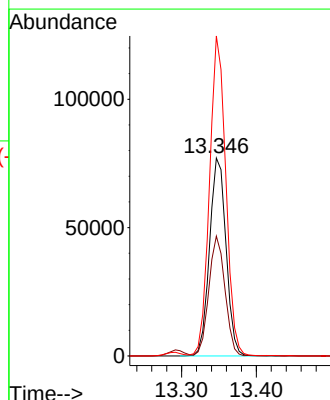
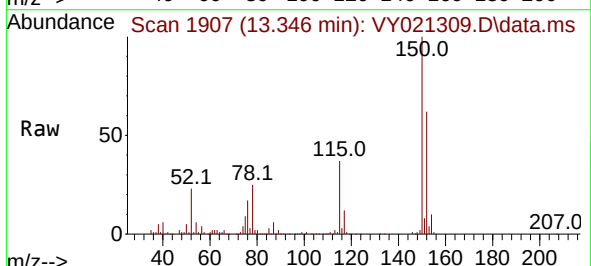
RT: 13.346 min Scan# 1907

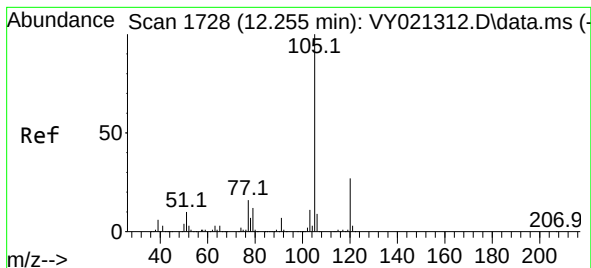
Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:	152	Resp:	118690
Ion Ratio	Lower	Upper	
152	100		
115	59.1	29.3	88.0
150	158.5	0.0	347.4





#73

Isopropylbenzene

Concen: 4.980 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 44434

Ion Ratio Lower Upper

105 100

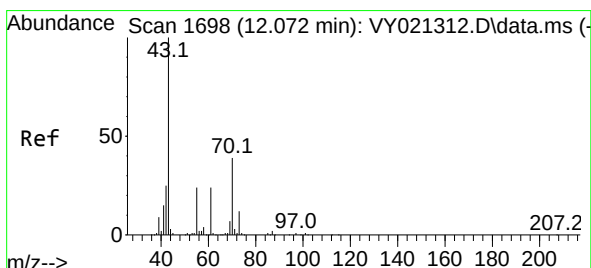
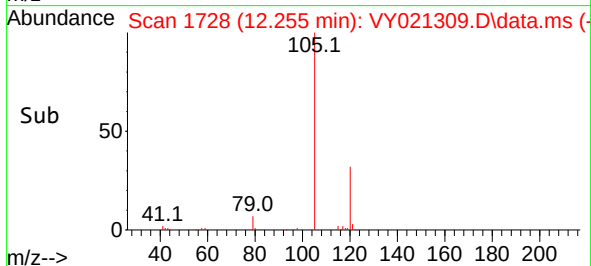
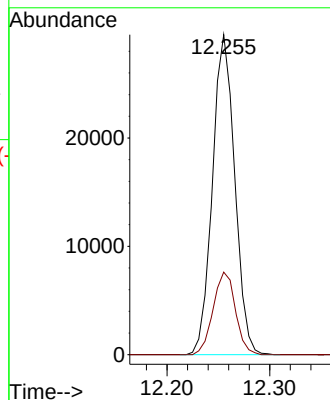
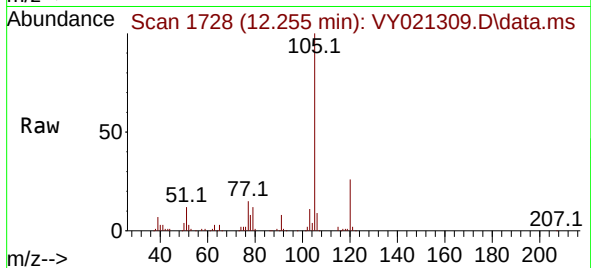
120 25.8 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#74

N-ethyl acetate

Concen: 4.283 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion: 43 Resp: 9713

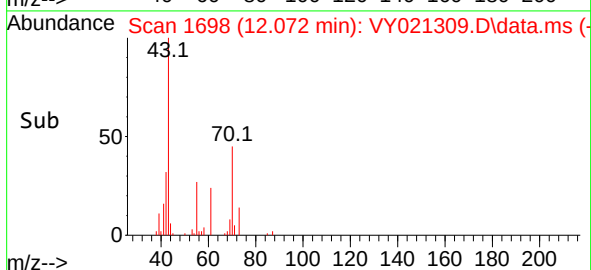
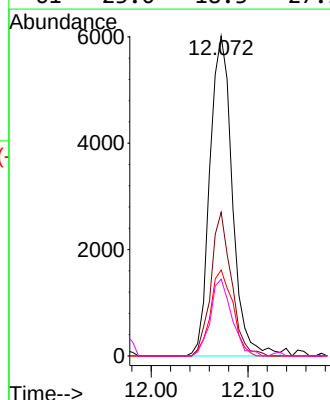
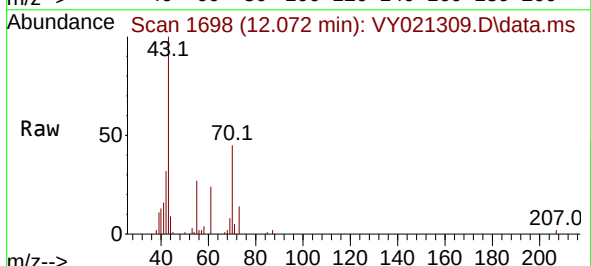
Ion Ratio Lower Upper

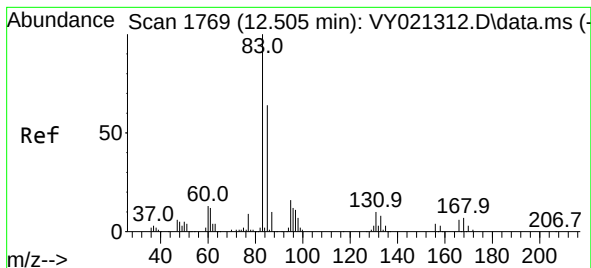
43 100

70 40.9 32.2 48.2

55 26.7 19.6 29.4

61 23.0 18.3 27.5





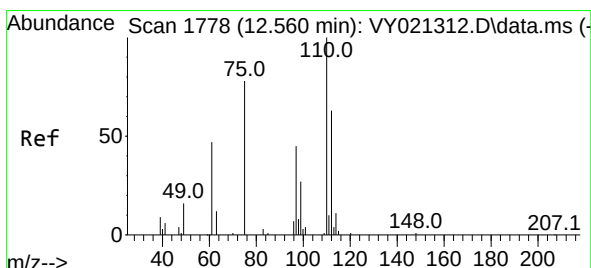
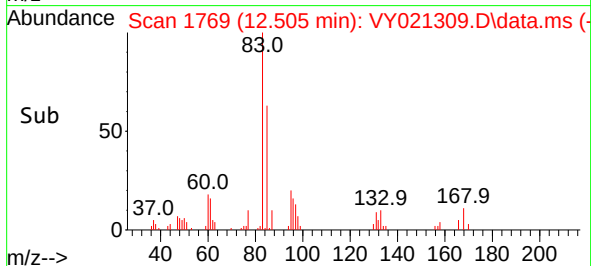
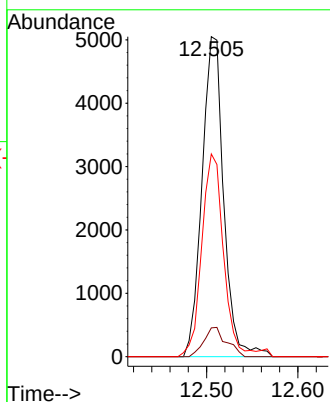
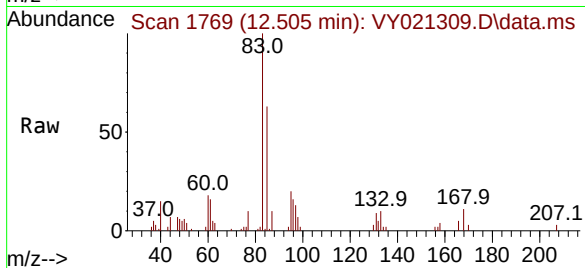
#75
1,1,2,2-Tetrachloroethane
Concen: 5.276 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.2	15.6
85	63.4	32.0	96.0

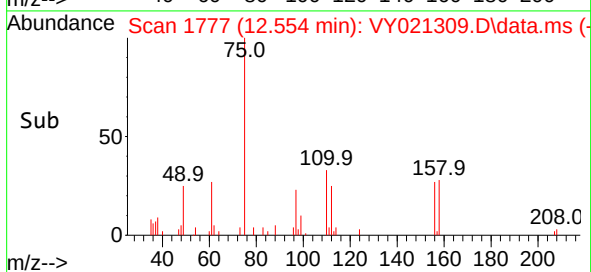
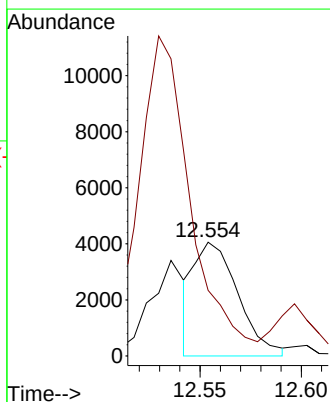
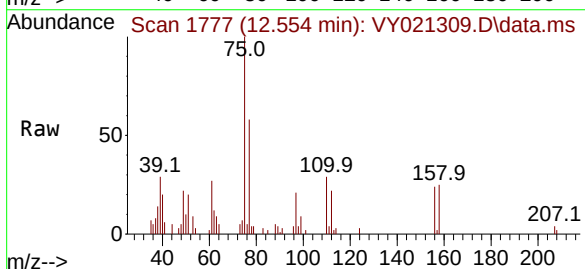
Manual Integrations
APPROVED

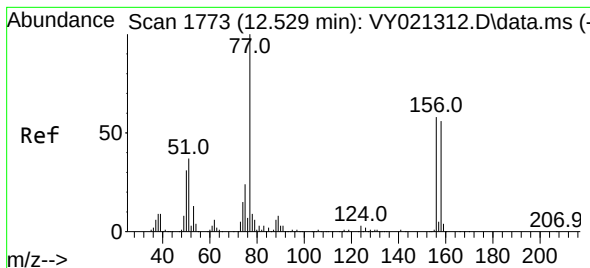
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#76
1,2,3-Trichloropropane
Concen: 5.136 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.257 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

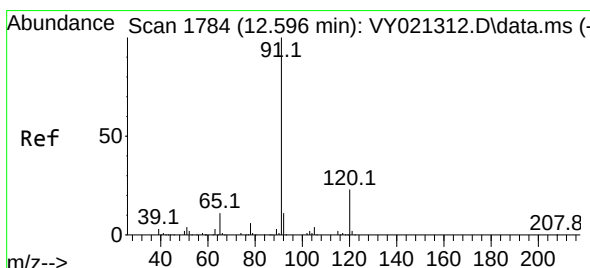
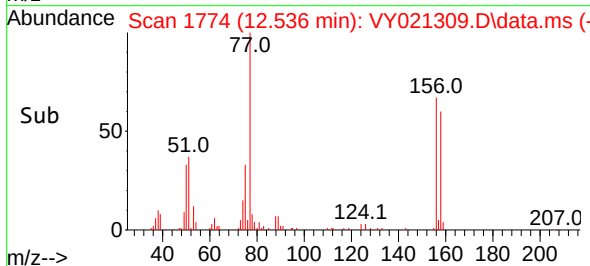
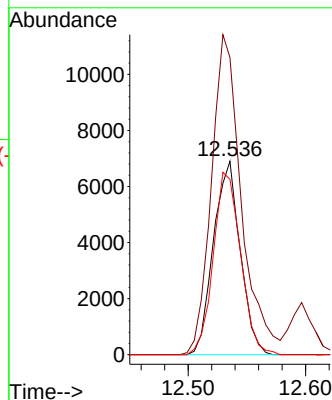
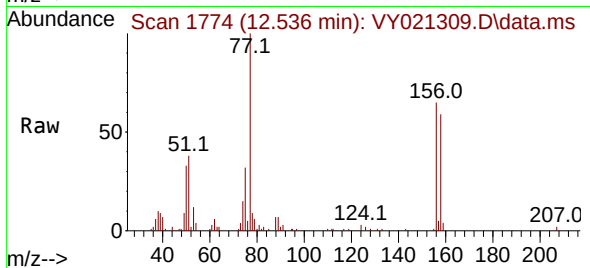
VSTDICC005

Tgt Ion:	156	Resp:	1091
Ion Ratio	Lower	Upper	
156	100		
77	185.6	94.0	282.1
158	96.6	48.7	146.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#78

n-propylbenzene

Concen: 4.968 ug/l

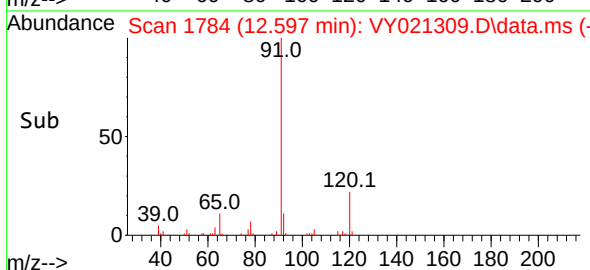
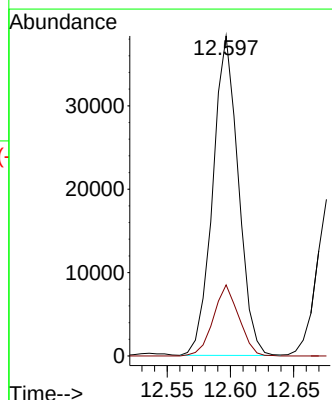
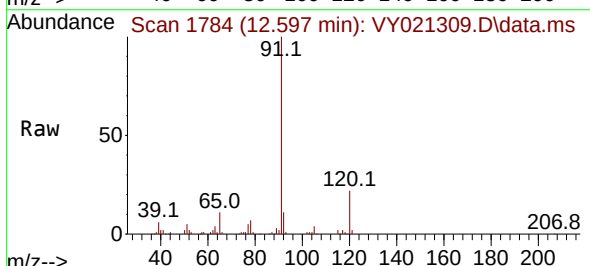
RT: 12.597 min Scan# 1784

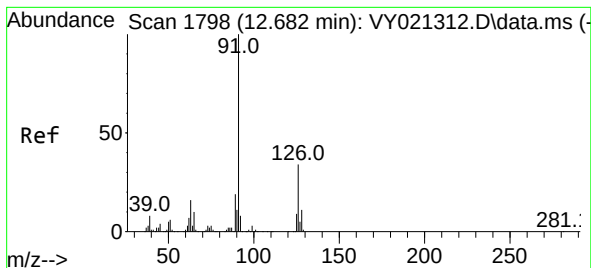
Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:	91	Resp:	53794
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.2	33.5





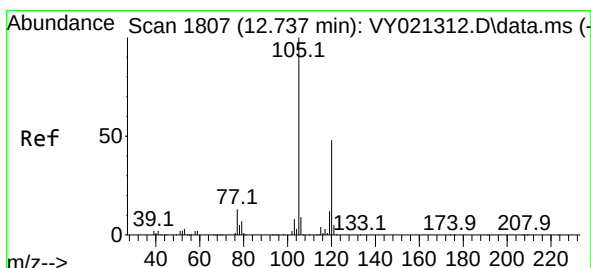
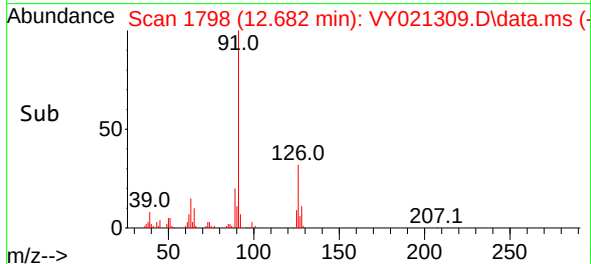
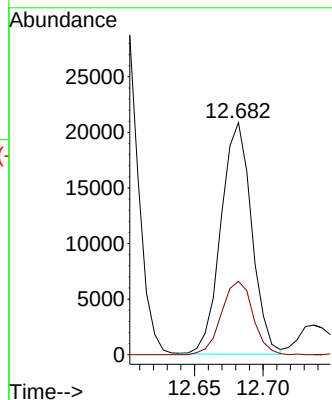
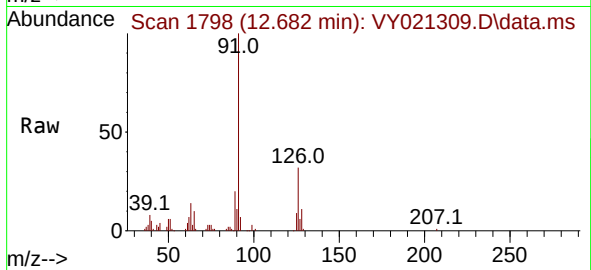
#79
2-Chlorotoluene
Concen: 5.235 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 32529
Ion Ratio Lower Upper
91 100
126 32.5 16.9 50.6

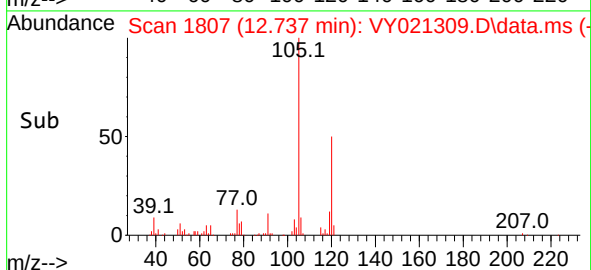
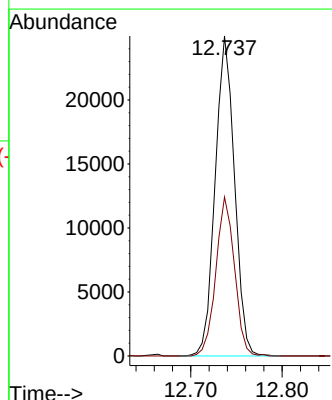
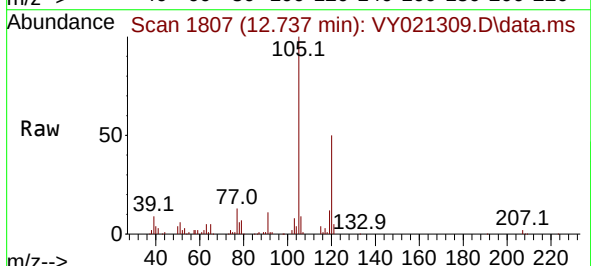
Manual Integrations
APPROVED

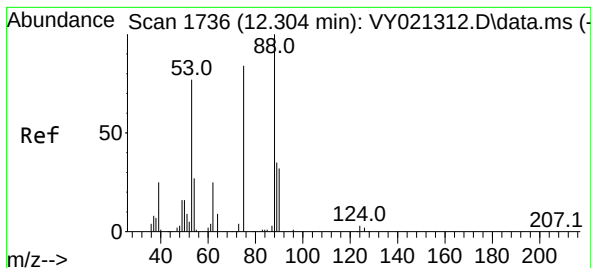
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.014 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

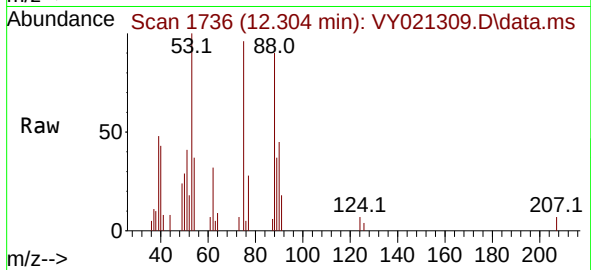
Tgt Ion:105 Resp: 36696
Ion Ratio Lower Upper
105 100
120 47.9 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.664 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

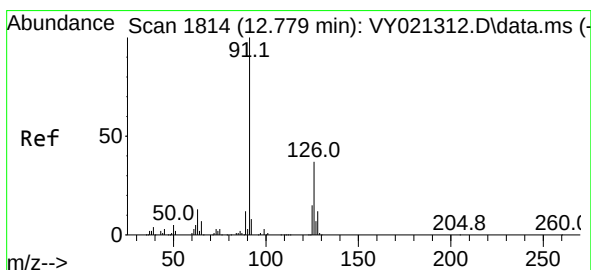
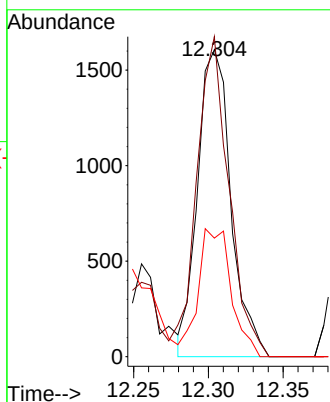
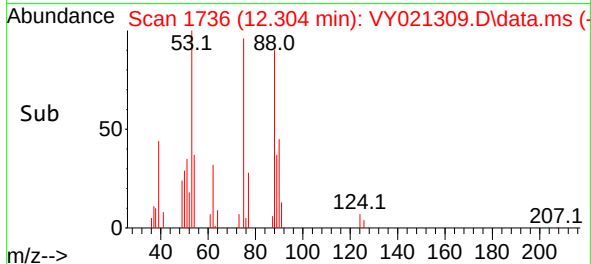
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 249
Ion Ratio Lower Upper
75 100
53 100.8 79.1 118.7
89 41.2 35.6 53.4

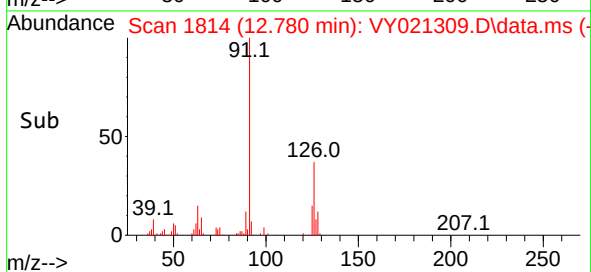
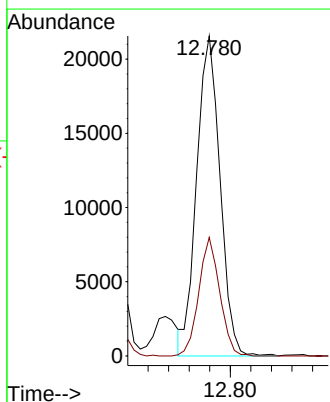
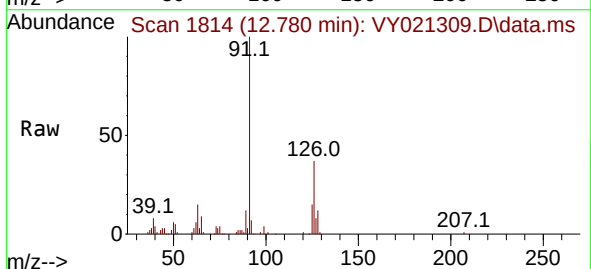
Manual Integrations
APPROVED

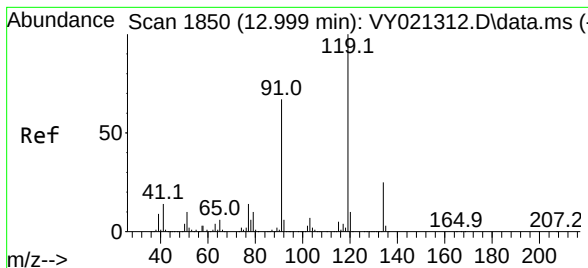
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#82
4-Chlorotoluene
Concen: 5.290 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion: 91 Resp: 34079
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4





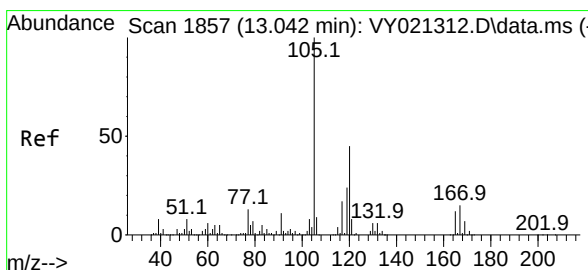
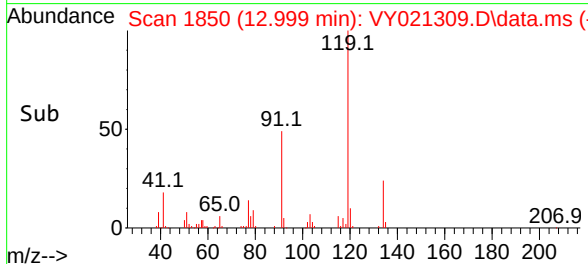
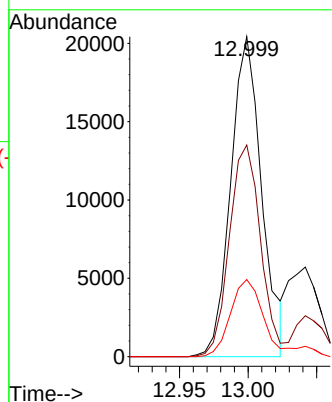
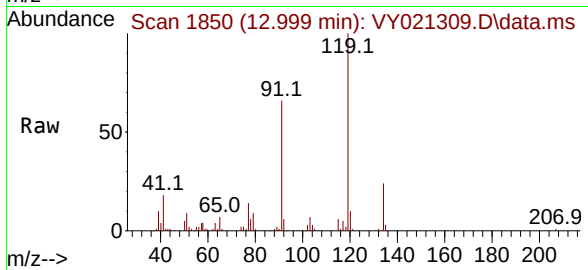
#83
tert-Butylbenzene
Concen: 4.852 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 32078
Ion Ratio Lower Upper
119 100
91 66.5 32.7 98.1
134 26.0 13.3 39.9

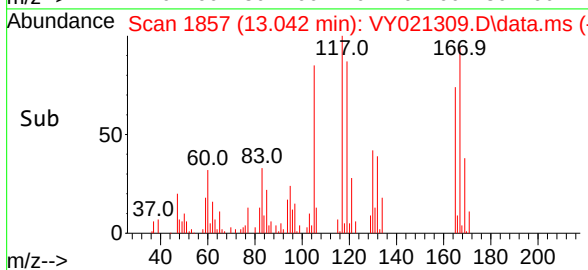
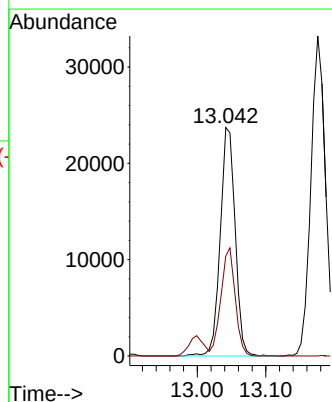
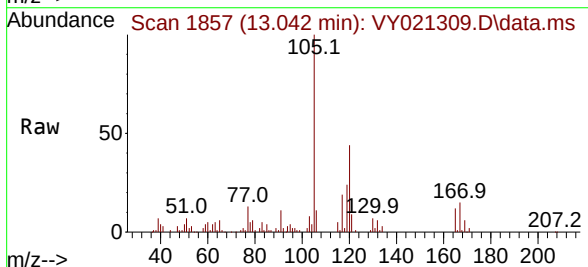
Manual Integrations
APPROVED

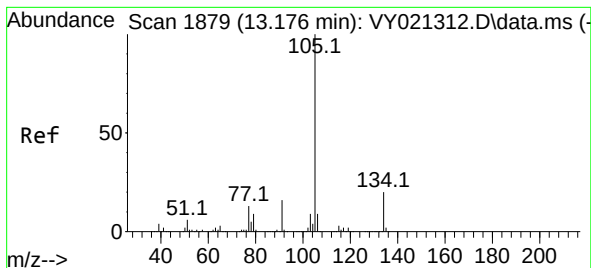
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.915 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:105 Resp: 35772
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





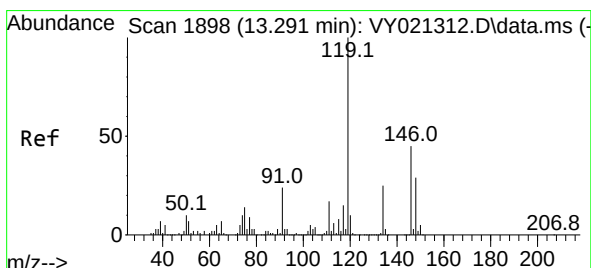
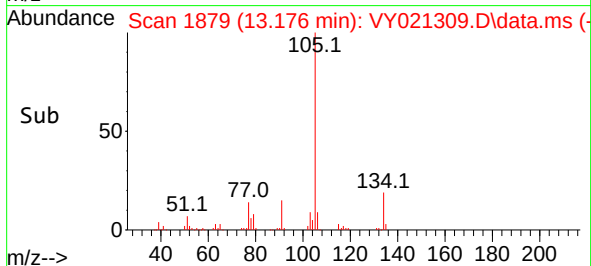
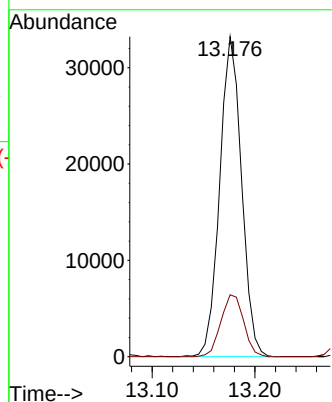
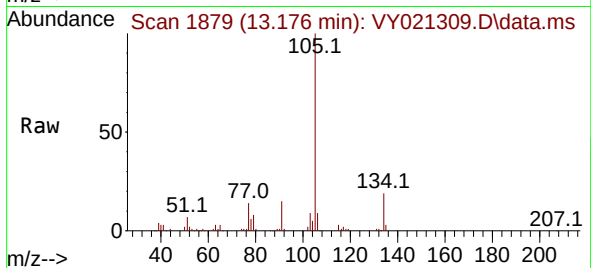
#85
 sec-Butylbenzene
 Concen: 5.072 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 4897
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

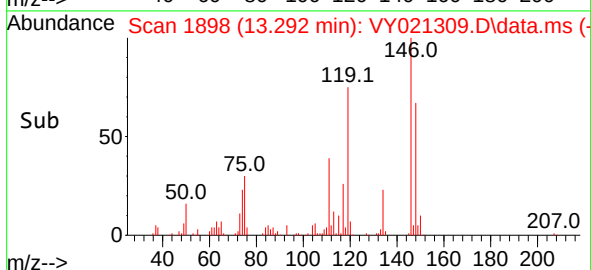
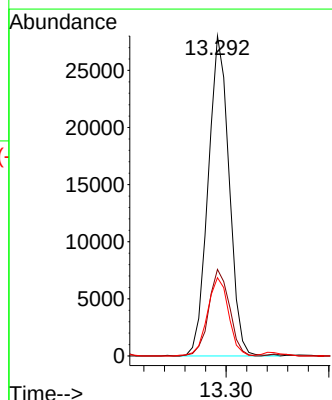
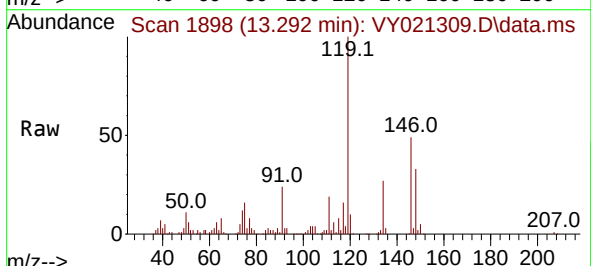
Manual Integrations
 APPROVED

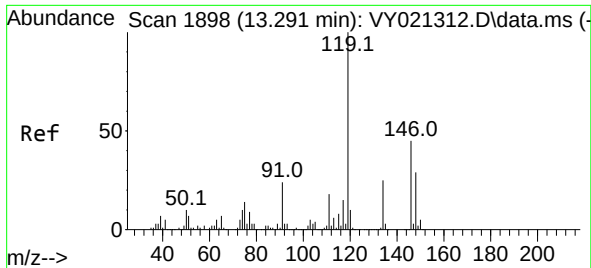
Reviewed By :Romaben Patel 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#86
 p-Isopropyltoluene
 Concen: 4.916 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021309.D
 Acq: 25 Feb 2025 12:40

Tgt Ion:119 Resp: 39637
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 38.9
 91 24.8 12.0 36.1





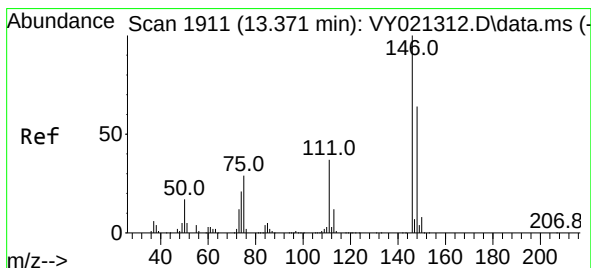
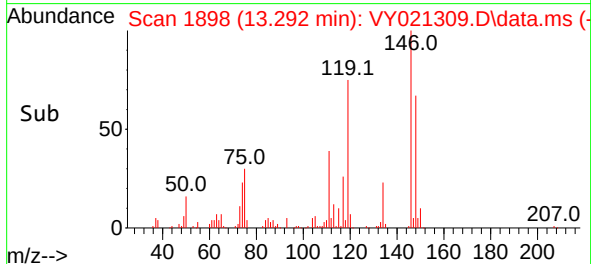
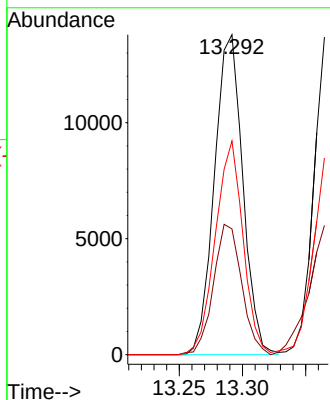
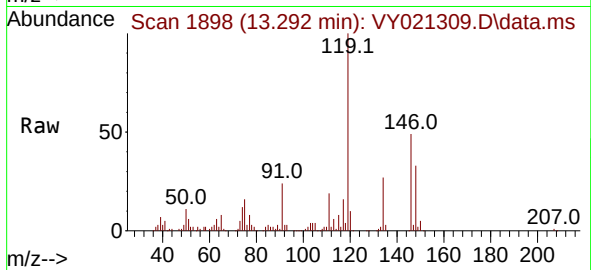
#87
1,3-Dichlorobenzene
Concen: 5.239 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 21510
Ion Ratio Lower Upper
146 100
111 40.6 20.0 59.9
148 65.2 31.9 95.9

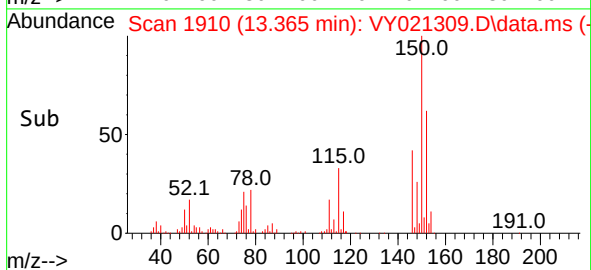
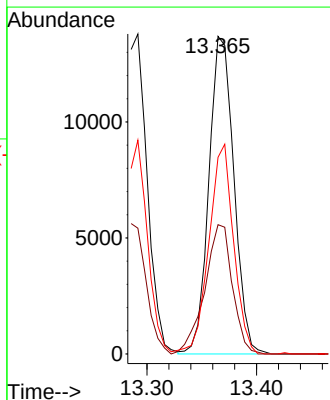
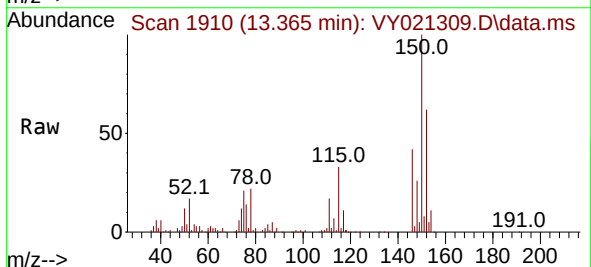
Manual Integrations
APPROVED

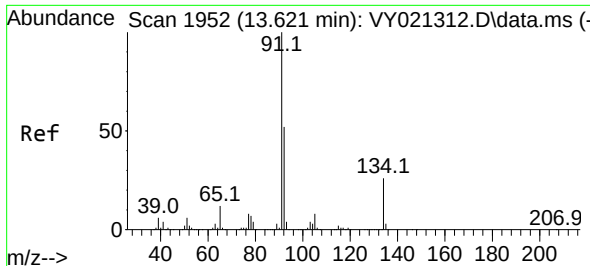
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#88
1,4-Dichlorobenzene
Concen: 5.341 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:146 Resp: 21663
Ion Ratio Lower Upper
146 100
111 45.2 19.5 58.5
148 65.3 32.0 96.2





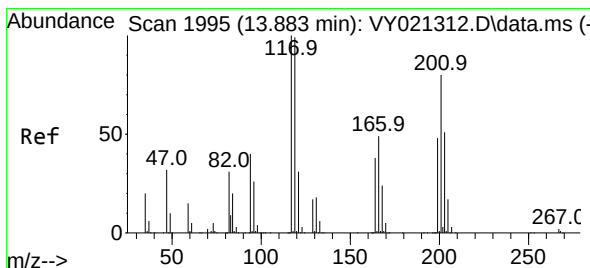
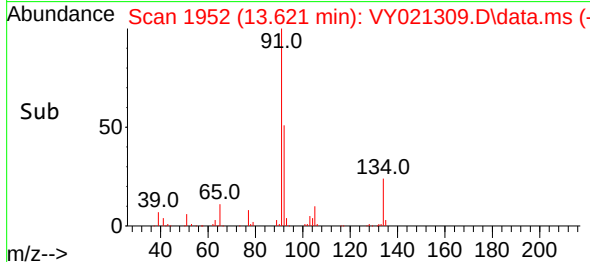
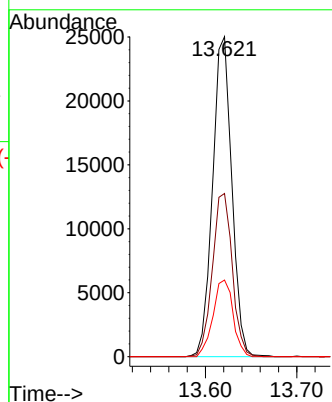
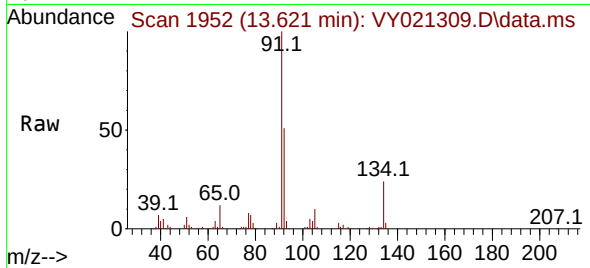
#89
n-Butylbenzene
Concen: 4.815 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3653
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 25.0 12.7 38.0

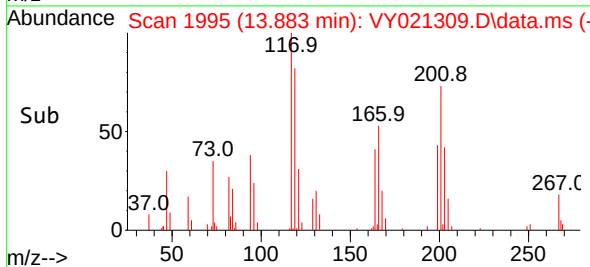
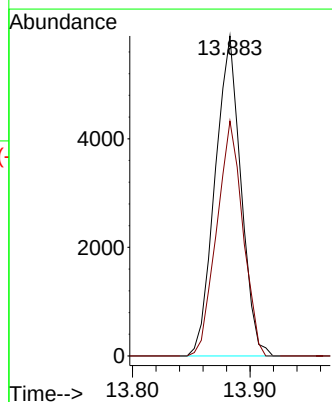
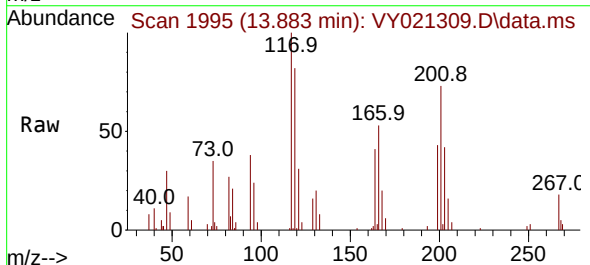
Manual Integrations
APPROVED

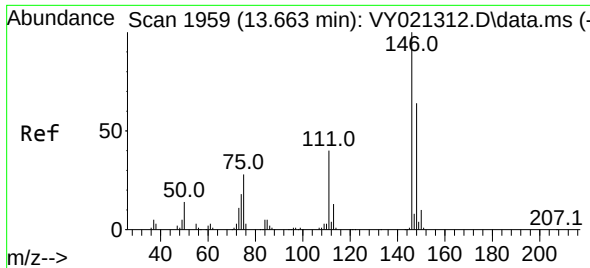
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#90
Hexachloroethane
Concen: 5.351 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Tgt Ion:117 Resp: 9013
Ion Ratio Lower Upper
117 100
201 74.3 38.4 115.2





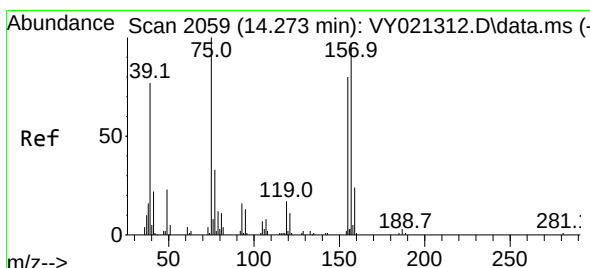
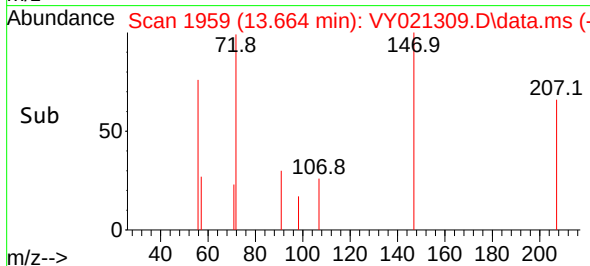
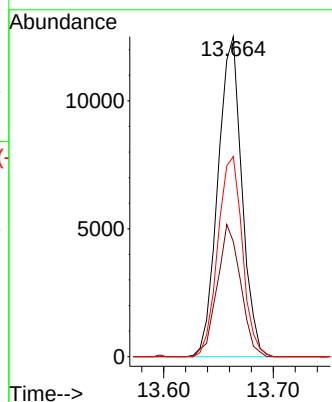
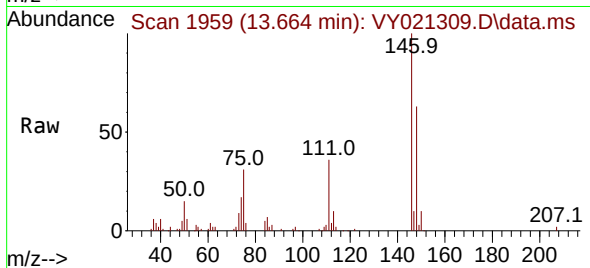
#91
1,2-Dichlorobenzene
Concen: 5.278 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 18984
Ion Ratio Lower Upper
146 100
111 40.4 20.7 62.1
148 64.2 31.7 95.1

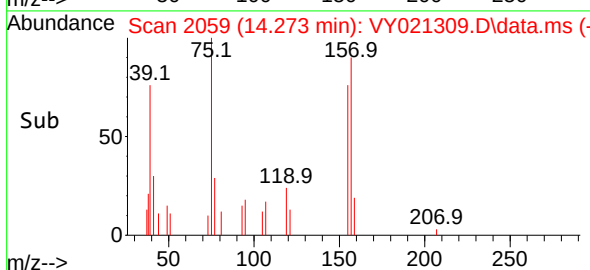
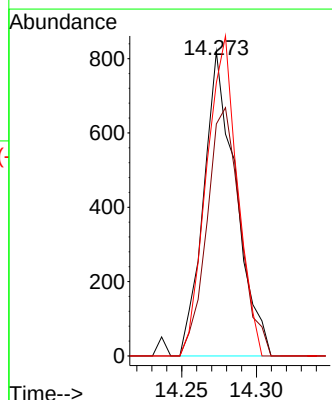
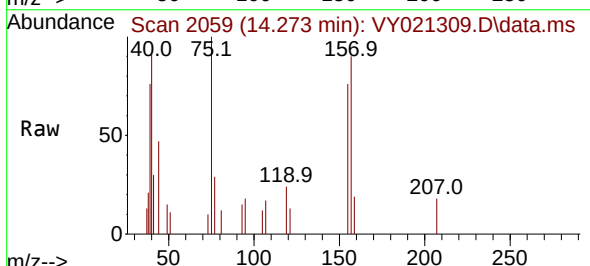
Manual Integrations
APPROVED

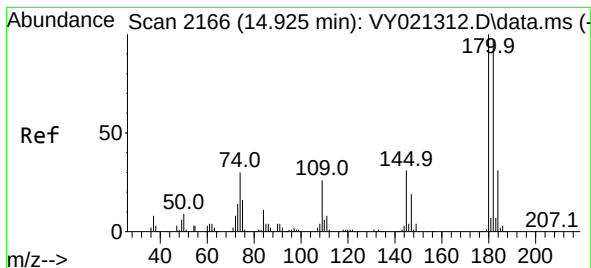
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.925 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

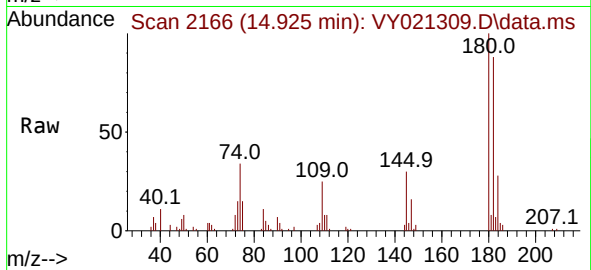
Tgt Ion: 75 Resp: 1227
Ion Ratio Lower Upper
75 100
155 84.4 41.9 125.6
157 100.9 52.5 157.6





#93
1,2,4-Trichlorobenzene
Concen: 4.901 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40

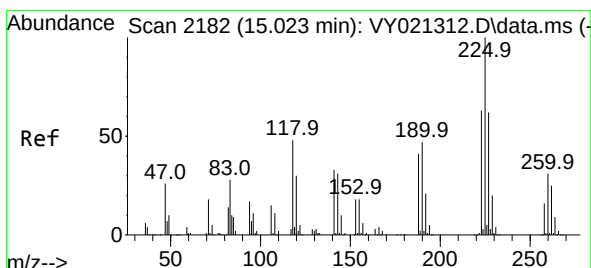
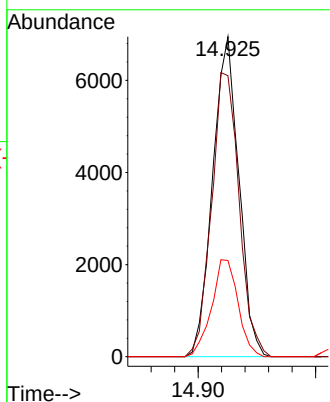
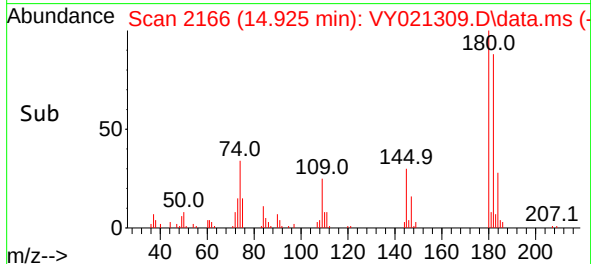
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



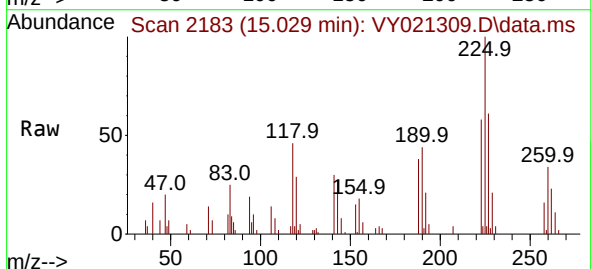
Tgt Ion:180 Resp: 10759
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.7
145 30.7 15.6 46.8

Manual Integrations
APPROVED

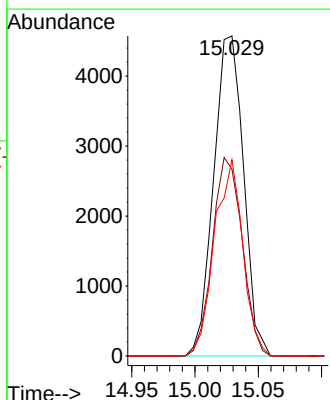
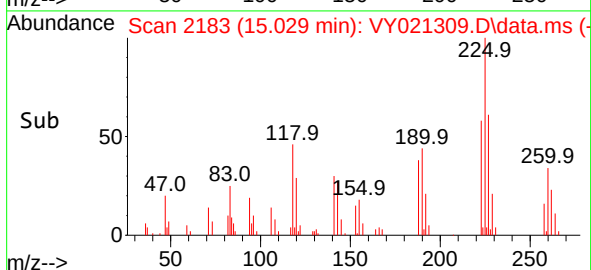
Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

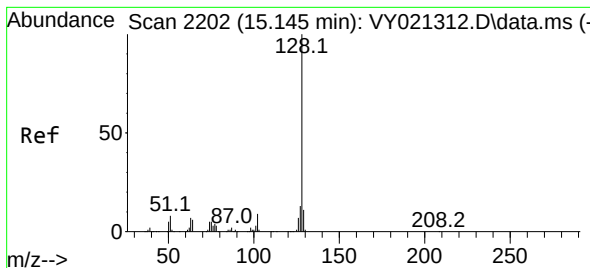


#94
Hexachlorobutadiene
Concen: 5.434 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY021309.D
Acq: 25 Feb 2025 12:40



Tgt Ion:225 Resp: 7510
Ion Ratio Lower Upper
225 100
223 61.6 31.8 95.4
227 58.3 31.9 95.7





#95

Naphthalene

Concen: 4.078 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Instrument :

MSVOA_Y

ClientSampleId :

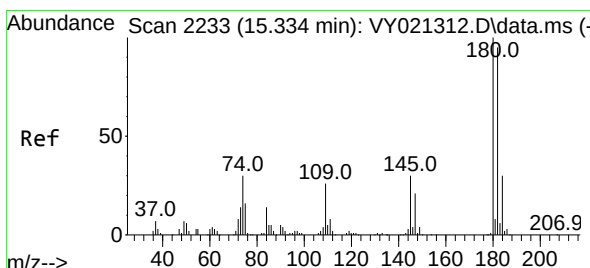
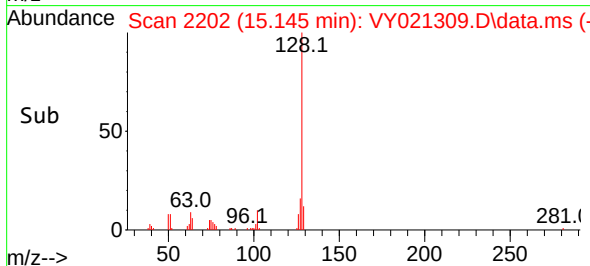
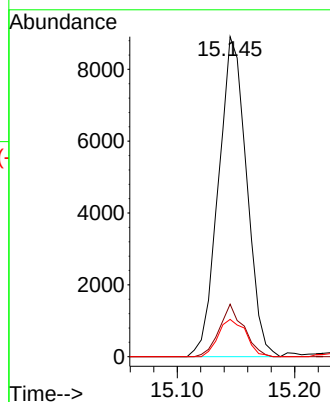
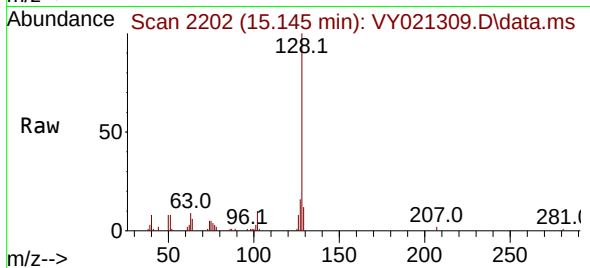
VSTDIC005

Tgt Ion:128	Resp:	14829
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.5 15.7
129	11.5	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.746 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021309.D

Acq: 25 Feb 2025 12:40

Tgt Ion:180	Resp:	8804
Ion Ratio	Lower	Upper
180	100	
182	97.2	48.3 144.9
145	33.8	16.1 48.3

