

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020982.D
 Acq On : 30 Jan 2025 13:33
 Operator : SY/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 04:39:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	237871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	343437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	152703	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.067	65	108411	53.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.060%	
35) Dibromofluoromethane	7.640	113	111790	54.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.280%	
50) Toluene-d8	10.109	98	433498	53.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.580%	
62) 4-Bromofluorobenzene	12.414	95	149554	55.307	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 110.620%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	40727	20.136	ug/l	100
3) Chloromethane	2.074	50	25823	20.082	ug/l	96
4) Vinyl Chloride	2.214	62	26219	19.775	ug/l	98
5) Bromomethane	2.598	94	18730	20.868	ug/l	100
6) Chloroethane	2.739	64	15303	19.758	ug/l	93
7) Trichlorofluoromethane	3.068	101	64469	20.149	ug/l	99
8) Diethyl Ether	3.464	74	20425	21.383	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	44711	20.752	ug/l	99
10) Methyl Iodide	4.013	142	42047	17.054	ug/l	99
11) Tert butyl alcohol	4.872	59	16343	110.469	ug/l	96
12) 1,1-Dichloroethene	3.799	96	41670	20.696	ug/l	98
13) Acrolein	3.665	56	21237	124.657	ug/l	99
14) Allyl chloride	4.397	41	56472	20.373	ug/l	100
15) Acrylonitrile	5.080	53	42478	108.112	ug/l	98
16) Acetone	3.879	43	29431	106.621	ug/l	99
17) Carbon Disulfide	4.116	76	123764	19.958	ug/l	99
18) Methyl Acetate	4.397	43	20408	21.129	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	100303	21.403	ug/l	98
20) Methylene Chloride	4.629	84	43237	21.238	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	44452	20.592	ug/l	97
22) Diisopropyl ether	6.031	45	117858	20.859	ug/l	99
23) Vinyl Acetate	5.970	43	333828	106.689	ug/l	99
24) 1,1-Dichloroethane	5.921	63	73763	20.236	ug/l	99
25) 2-Butanone	6.903	43	49526	105.762	ug/l	100
26) 2,2-Dichloropropane	6.890	77	72475	20.195	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	50774	20.463	ug/l	100
28) Bromochloromethane	7.256	49	27946	20.578	ug/l	98
29) Tetrahydrofuran	7.268	42	33482	106.255	ug/l	99
30) Chloroform	7.433	83	79989	20.261	ug/l	97
31) Cyclohexane	7.707	56	70789	19.868	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	77622	20.315	ug/l	99
36) 1,1-Dichloropropene	7.841	75	59907	20.339	ug/l	99
37) Ethyl Acetate	6.994	43	25171	22.922	ug/l	97
38) Carbon Tetrachloride	7.823	117	74379	20.406	ug/l	97
39) Methylcyclohexane	9.116	83	80965	20.462	ug/l	97
40) Benzene	8.085	78	179603	20.723	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	31791	52.324	ug/l #	21
42) 1,2-Dichloroethane	8.165	62	45420	20.664	ug/l	99
43) Isopropyl Acetate	8.201	43	46888	21.373	ug/l #	83
44) Trichloroethene	8.872	130	48471	20.268	ug/l	98
45) 1,2-Dichloropropane	9.146	63	40359	20.776	ug/l	99
46) Dibromomethane	9.237	93	23583	20.861	ug/l	99
47) Bromodichloromethane	9.426	83	61167	20.604	ug/l	95
48) Methyl methacrylate	9.225	41	22095	21.154	ug/l	100
49) 1,4-Dioxane	9.244	88	5182	431.386	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	121887	108.126	ug/l	100
52) Toluene	10.176	92	116603	20.727	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	55773	20.760	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	66067	20.576	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	31614	21.028	ug/l	98
56) Ethyl methacrylate	10.445	69	40641	20.681	ug/l	98
57) 1,3-Dichloropropane	10.725	76	53669	21.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	94316	113.079	ug/l	99
59) 2-Hexanone	10.768	43	78326	106.898	ug/l	99
60) Dibromochloromethane	10.914	129	45437	21.197	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30774	21.431	ug/l	97
64) Tetrachloroethene	10.652	164	45652	20.300	ug/l	96
65) Chlorobenzene	11.451	112	128924	20.525	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	45168	20.261	ug/l	97
67) Ethyl Benzene	11.524	91	222126	20.424	ug/l	98
68) m/p-Xylenes	11.633	106	171630	41.075	ug/l	99
69) o-Xylene	11.963	106	80130	20.629	ug/l	100
70) Styrene	11.975	104	134646	20.878	ug/l	100
71) Bromoform	12.139	173	27607	21.012	ug/l #	99
73) Isopropylbenzene	12.261	105	219529	20.470	ug/l	100
74) N-amyl acetate	12.078	43	39949	20.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	35370	20.431	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	46337	38.332	ug/l #	100
77) Bromobenzene	12.536	156	52160	20.514	ug/l	99
78) n-propylbenzene	12.603	91	257061	20.452	ug/l	99
79) 2-Chlorotoluene	12.688	91	145616	20.334	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	180405	20.532	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	12097	20.773	ug/l	95
82) 4-Chlorotoluene	12.786	91	150967	20.598	ug/l	99
83) tert-Butylbenzene	13.005	119	164004	20.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	178971	20.852	ug/l	100
85) sec-Butylbenzene	13.182	105	238194	20.646	ug/l	99
86) p-Isopropyltoluene	13.298	119	201033	20.735	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	101841	20.541	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	101308	20.578	ug/l	99
89) n-Butylbenzene	13.627	91	176954	20.376	ug/l	99
90) Hexachloroethane	13.889	117	38415	19.585	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	90178	20.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5375	20.167	ug/l	96
93) 1,2,4-Trichlorobenzene	14.932	180	51836	19.582	ug/l	99
94) Hexachlorobutadiene	15.035	225	36239	19.766	ug/l	99
95) Naphthalene	15.151	128	85603	20.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	44028	20.168	ug/l	98

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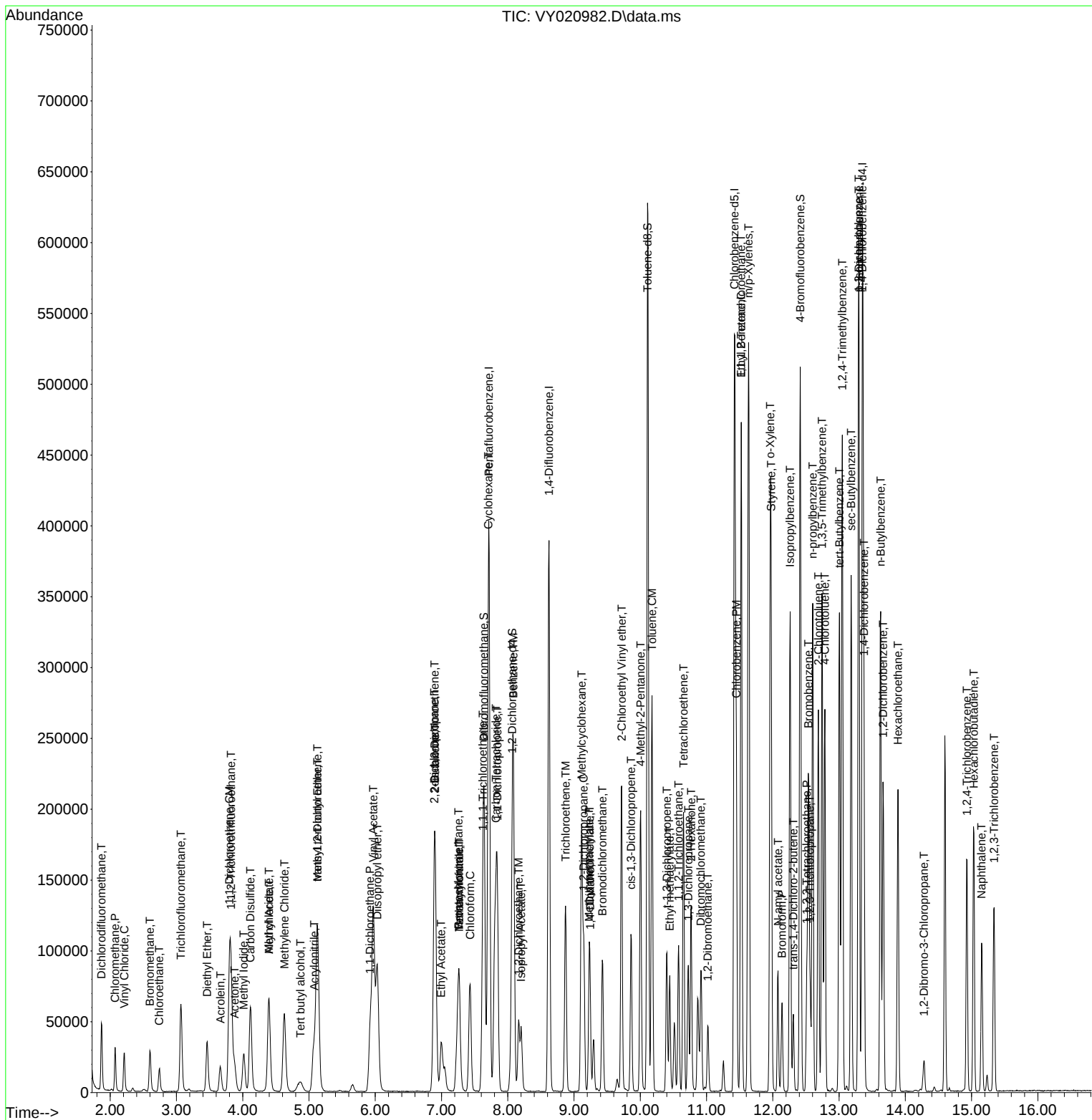
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MSVOA_Y
ClientSampleId :

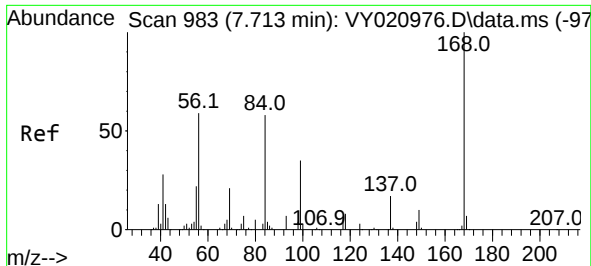
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Response via : Initial Calibration

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

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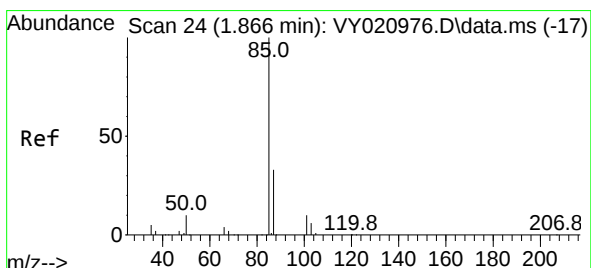
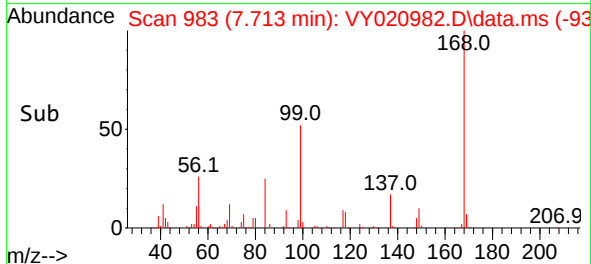
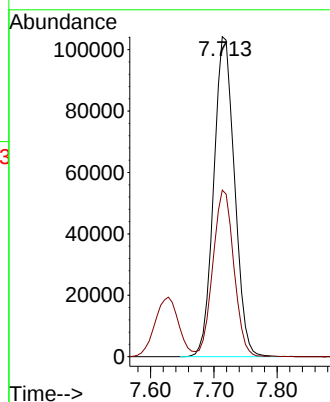
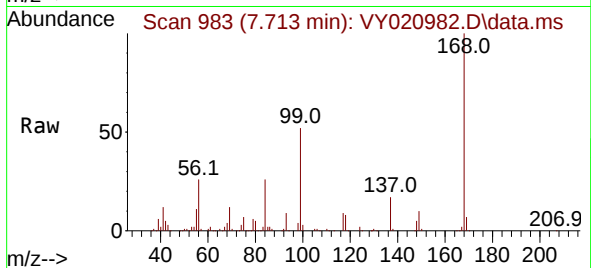




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020982.D
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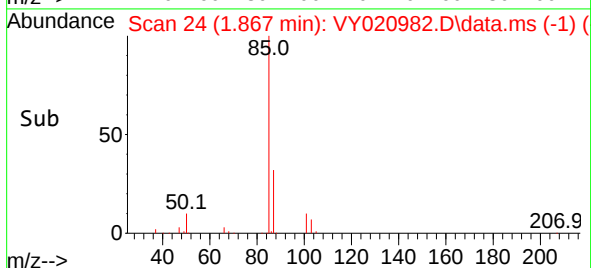
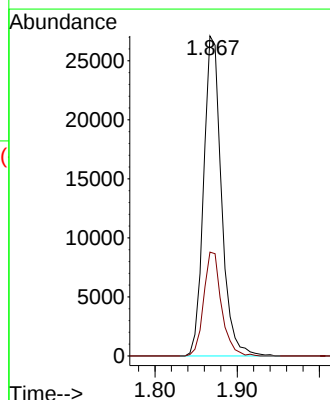
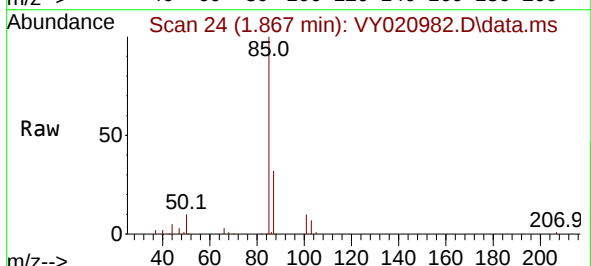
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MSVOA_Y
ClientSampleId :

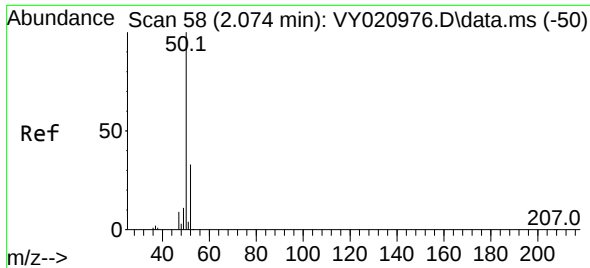
Tgt Ion:168 Resp: 237871
Ion Ratio Lower Upper
168 100
99 52.0 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 20.136 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 85 Resp: 40727
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9

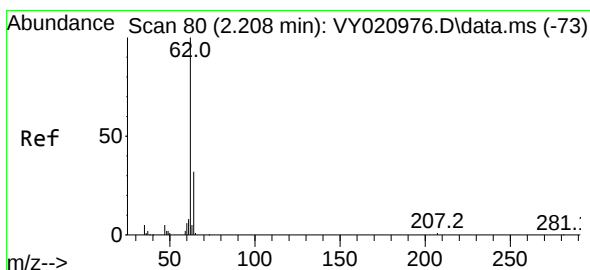
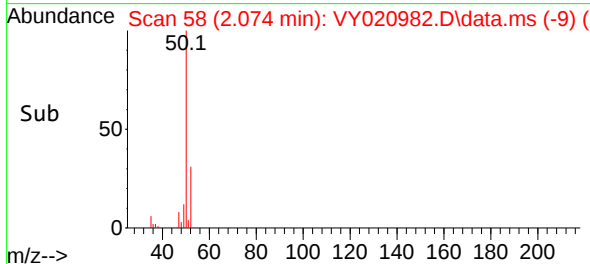
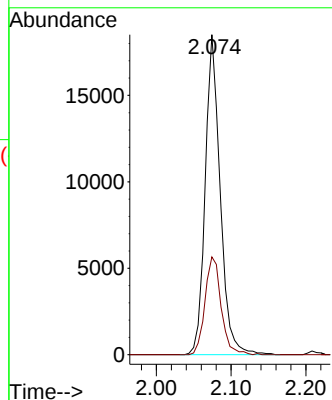
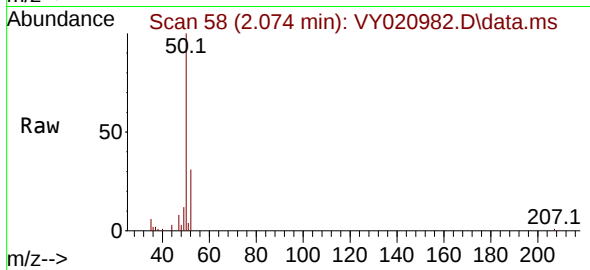




#3
Chloromethane
Concen: 20.082 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

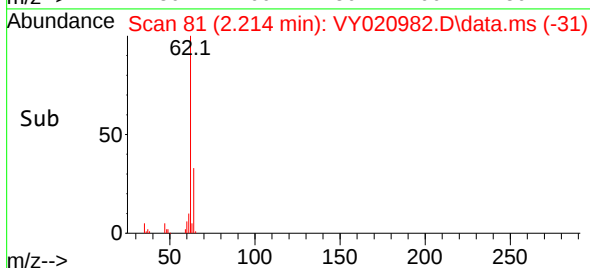
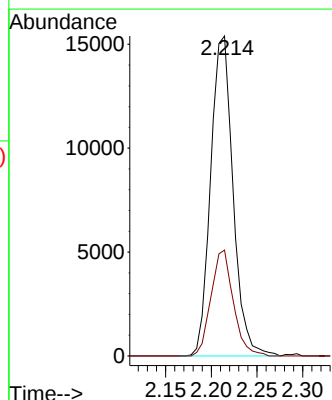
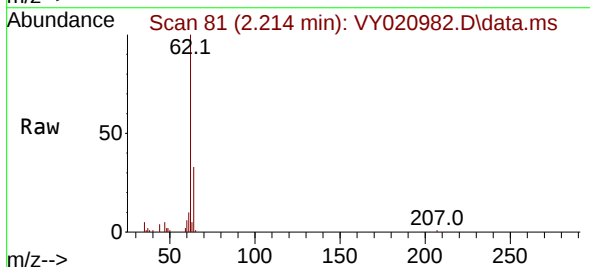
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ClientSampleId :

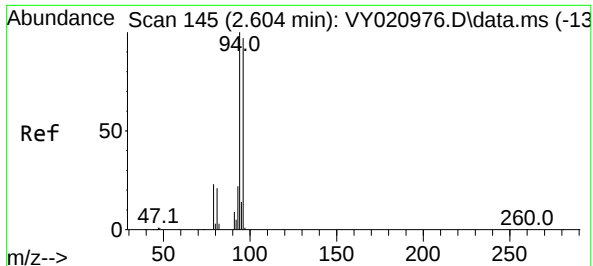
Tgt Ion: 50 Resp: 25823
Ion Ratio Lower Upper
50 100
52 30.5 26.3 39.5



#4
Vinyl Chloride
Concen: 19.775 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 62 Resp: 26219
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.2

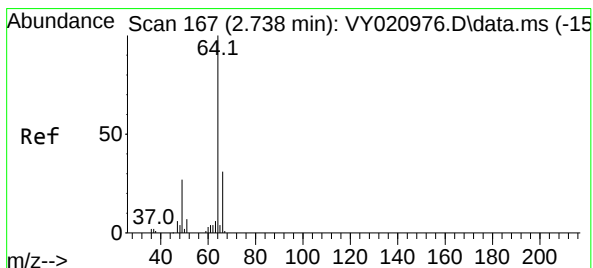
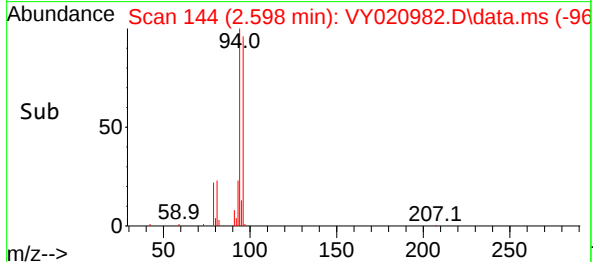
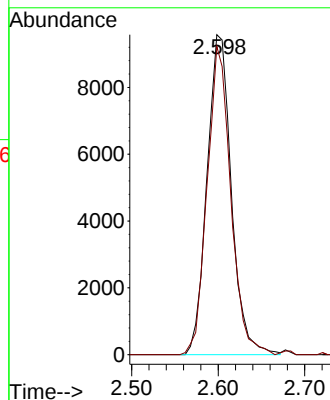
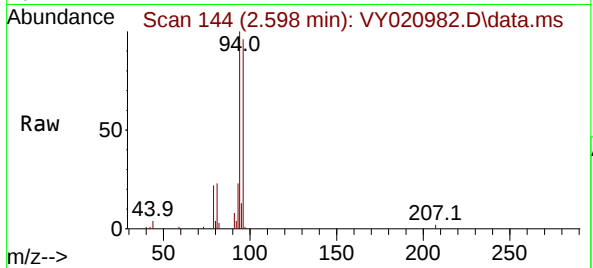




#5
Bromomethane
Concen: 20.868 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

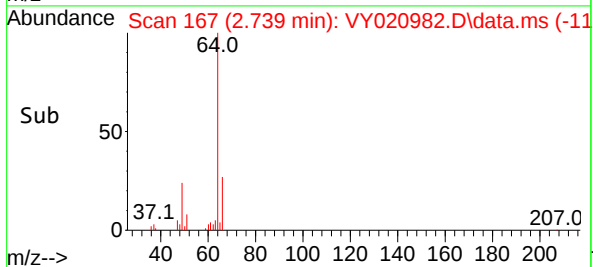
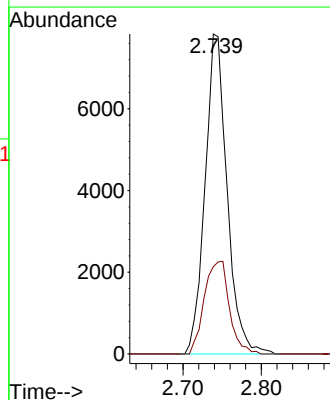
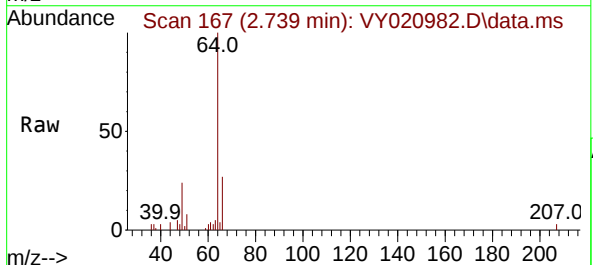
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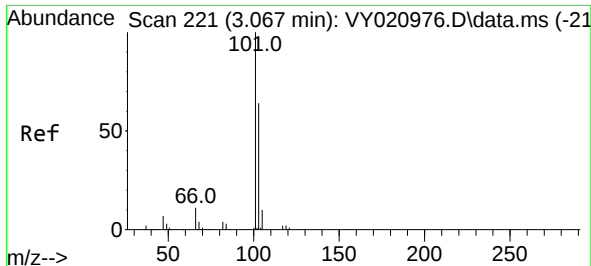
Tgt Ion: 94 Resp: 18730
Ion Ratio Lower Upper
94 100
96 96.3 77.4 116.0



#6
Chloroethane
Concen: 19.758 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 64 Resp: 15303
Ion Ratio Lower Upper
64 100
66 27.2 25.0 37.4

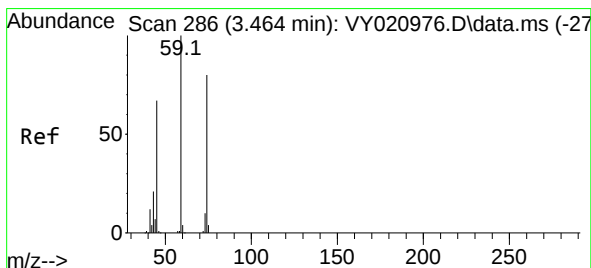
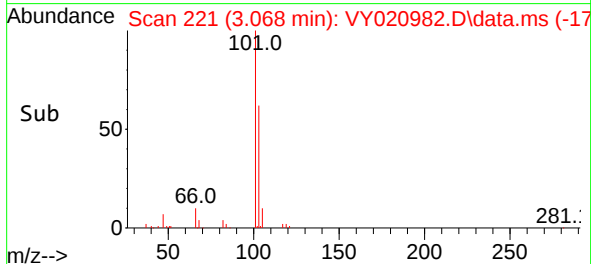
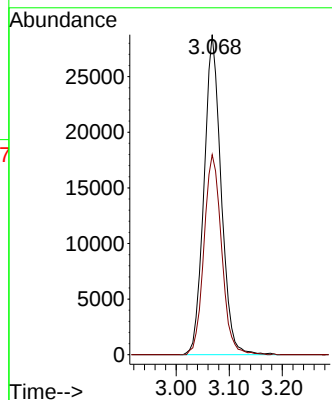
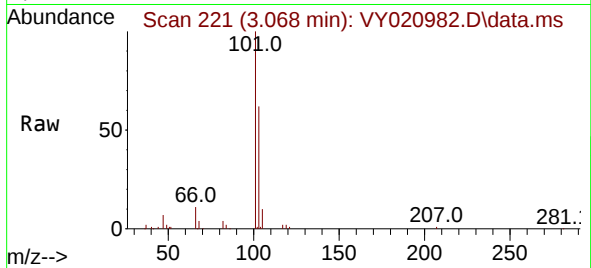




#7
 Trichlorofluoromethane
 Concen: 20.149 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020982.D
 Acq: 30 Jan 2025 13:33

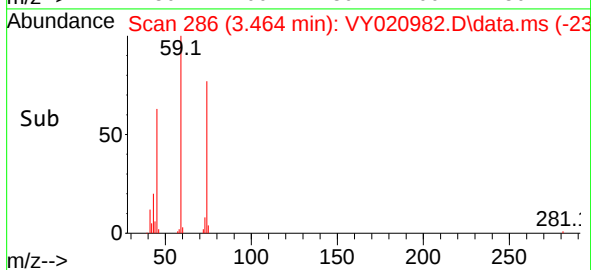
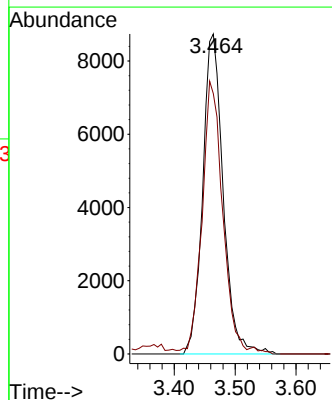
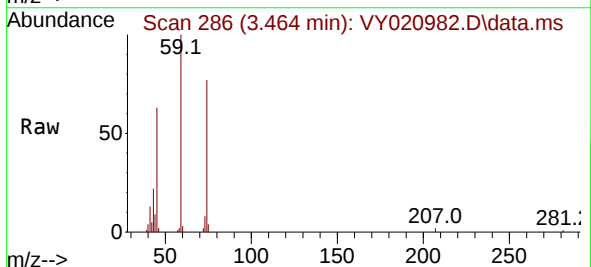
Instrument :
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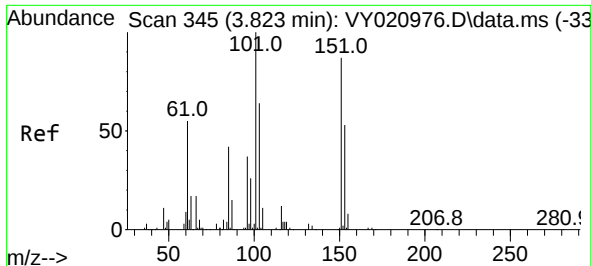
Tgt Ion:101 Resp: 64469
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 21.383 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 20425
 Ion Ratio Lower Upper
 74 100
 45 86.5 43.4 130.2

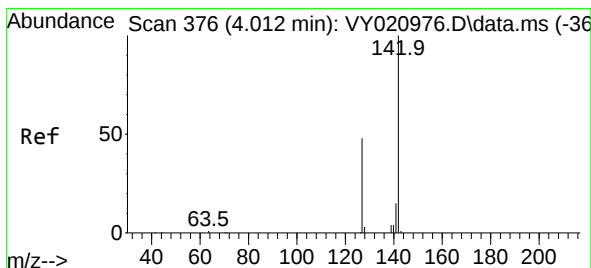
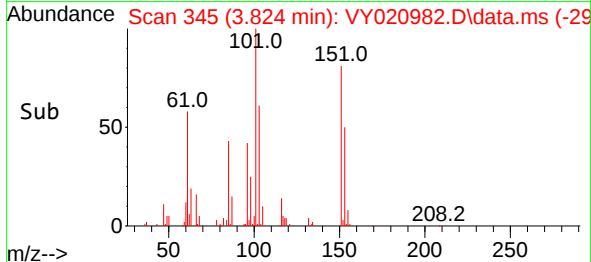
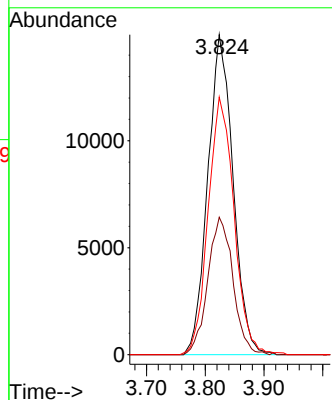
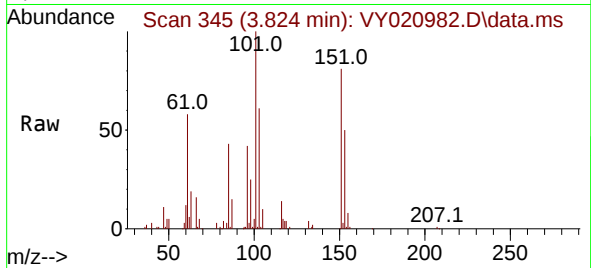




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.752 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

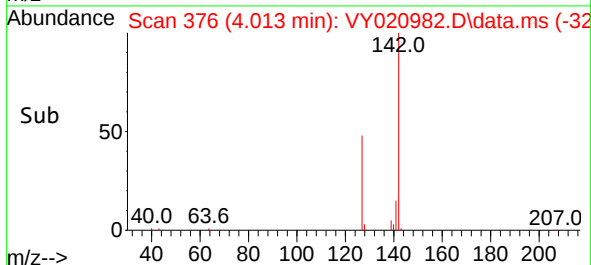
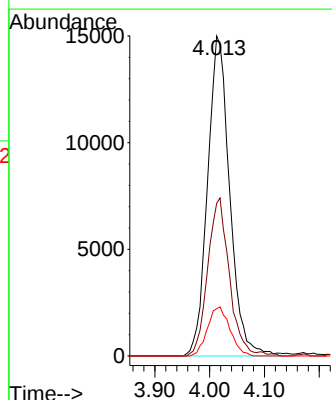
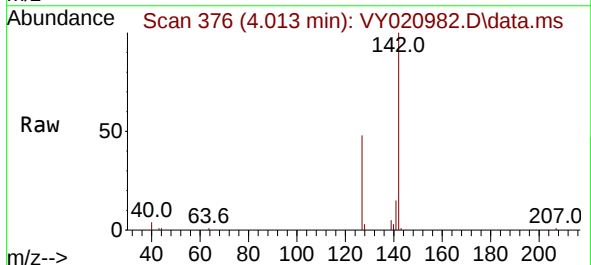
Instrument :
MSVOA_Y
ClientSampleId :

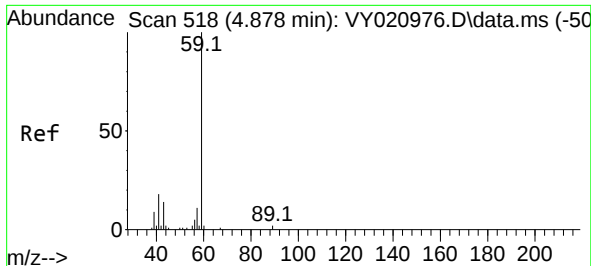
Tgt Ion:101 Resp: 44711
Ion Ratio Lower Upper
101 100
85 42.7 34.9 52.3
151 82.6 66.8 100.2



#10
Methyl Iodide
Concen: 17.054 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion:142 Resp: 42047
Ion Ratio Lower Upper
142 100
127 48.5 38.9 58.3
141 15.5 11.7 17.5

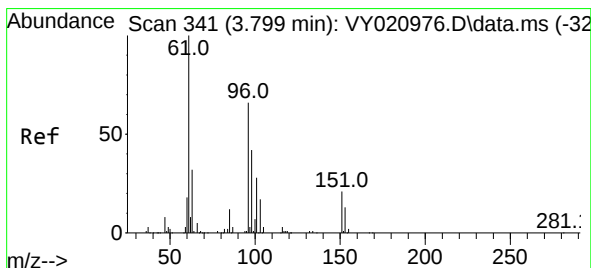
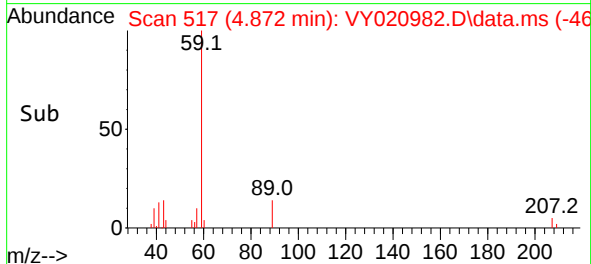
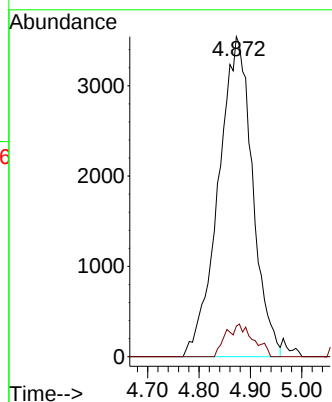
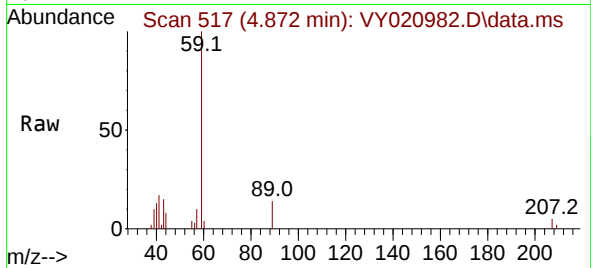




#11
Tert butyl alcohol
Concen: 110.469 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

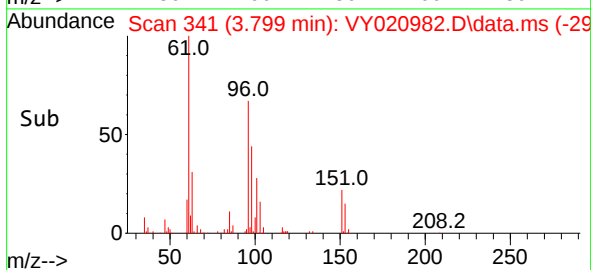
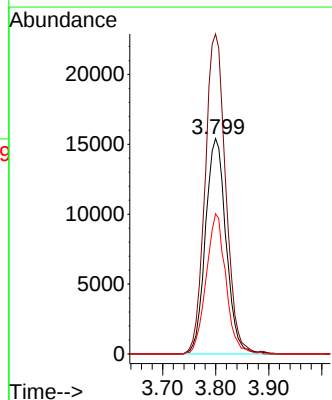
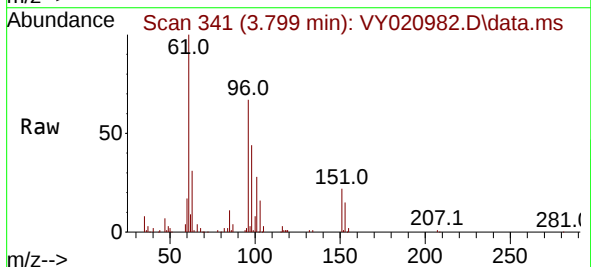
Instrument :
MSVOA_Y
ClientSampleId :

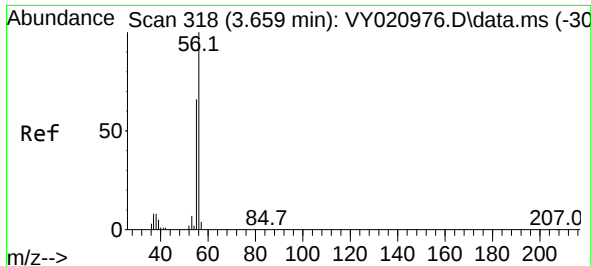
Tgt Ion: 59 Resp: 16343
Ion Ratio Lower Upper
59 100
57 8.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 20.696 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 96 Resp: 41670
Ion Ratio Lower Upper
96 100
61 148.5 120.8 181.2
98 65.1 50.6 76.0

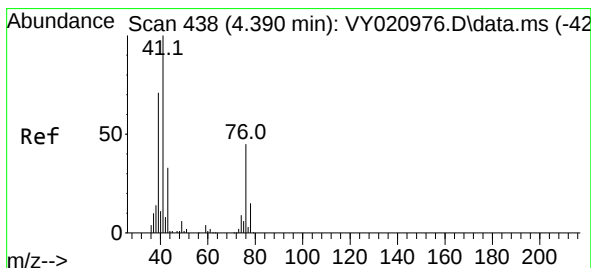
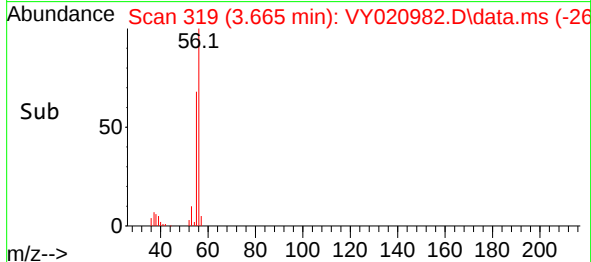
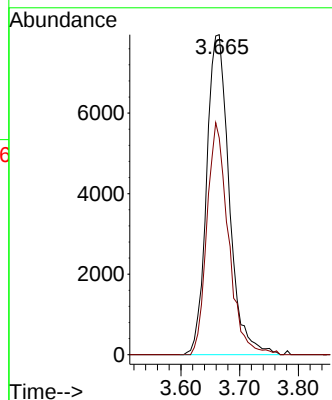
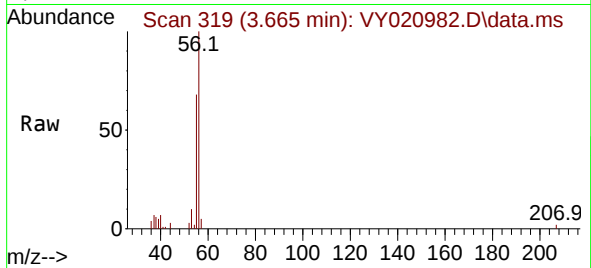




#13
Acrolein
Concen: 124.657 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.007 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

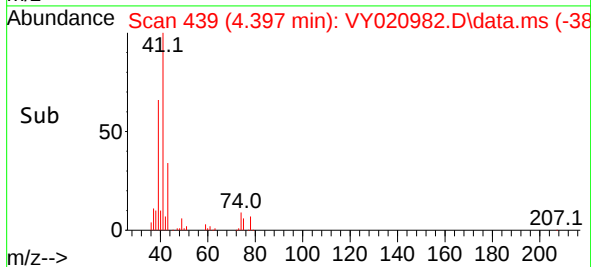
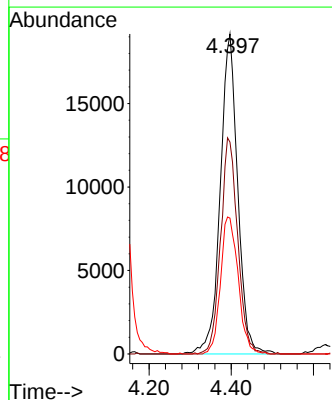
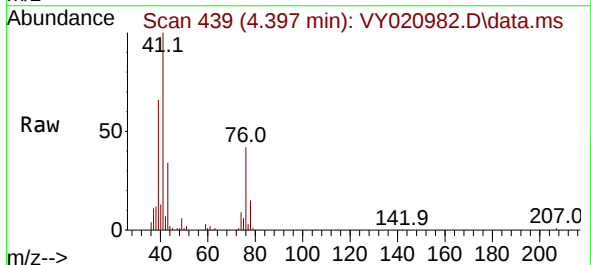
Instrument :
MSVOA_Y
ClientSampleId :

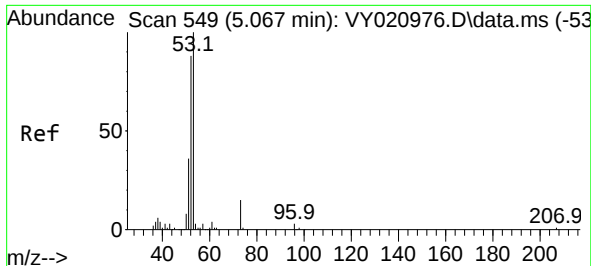
Tgt Ion: 56 Resp: 21237
Ion Ratio Lower Upper
56 100
55 68.9 56.1 84.1



#14
Allyl chloride
Concen: 20.373 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

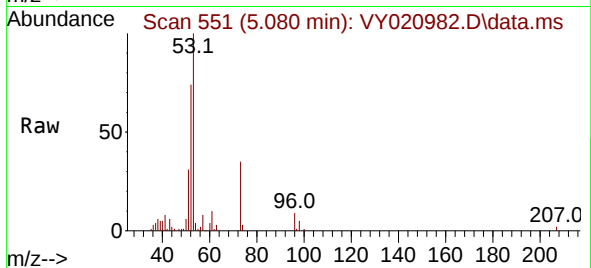
Tgt Ion: 41 Resp: 56472
Ion Ratio Lower Upper
41 100
39 66.4 53.5 80.3
76 43.3 34.6 52.0



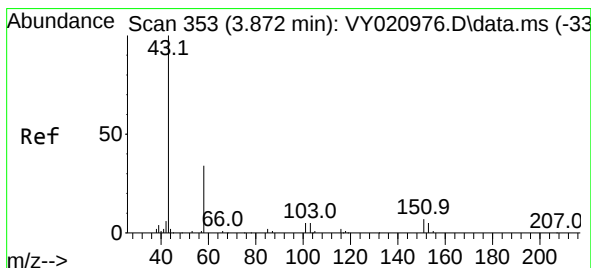
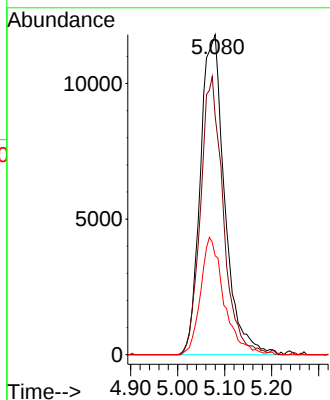
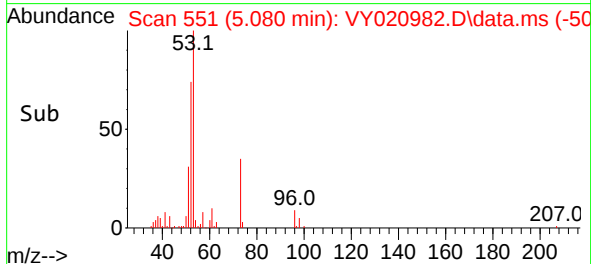


#15
Acrylonitrile
Concen: 108.112 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :

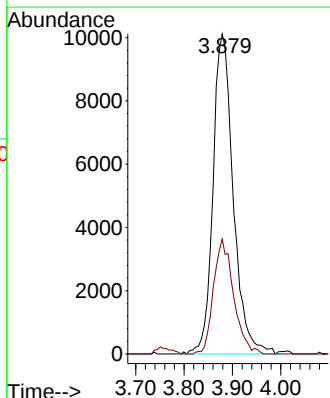
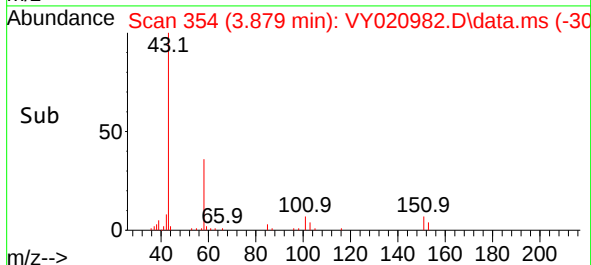
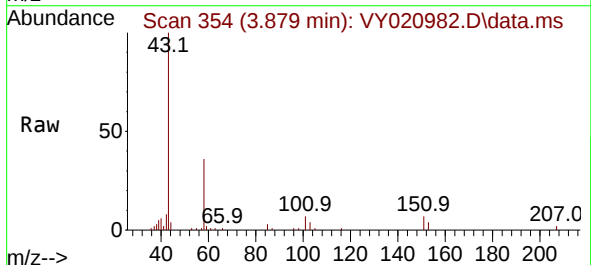


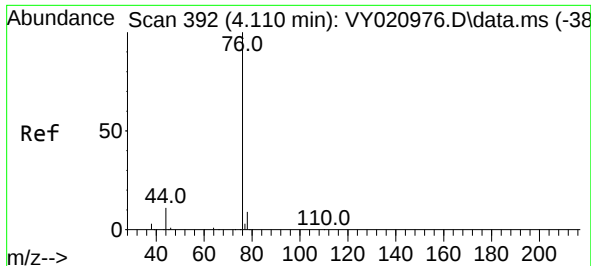
Tgt Ion: 53 Resp: 42478
Ion Ratio Lower Upper
53 100
52 81.0 66.2 99.4
51 35.3 29.4 44.0



#16
Acetone
Concen: 106.621 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 43 Resp: 29431
Ion Ratio Lower Upper
43 100
58 35.9 28.4 42.6

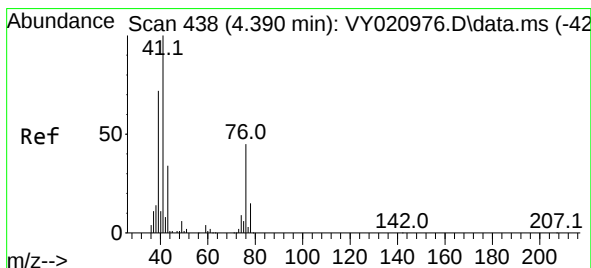
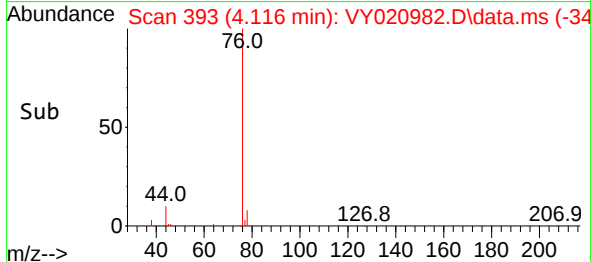
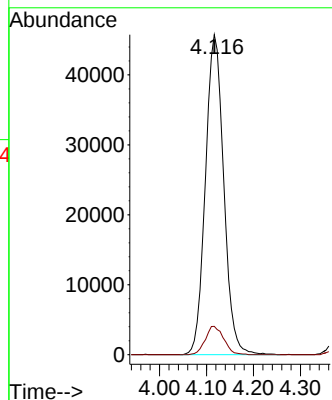
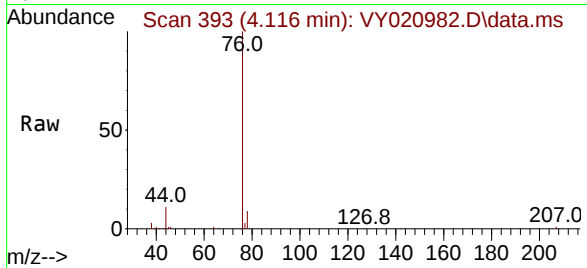




#17
Carbon Disulfide
Concen: 19.958 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.007 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

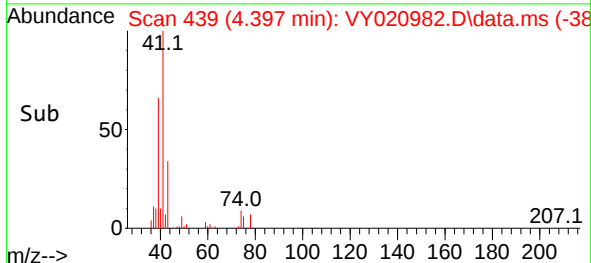
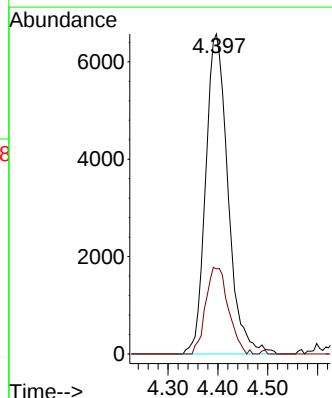
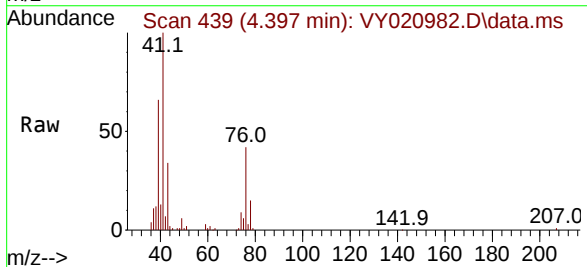
Instrument :
MSVOA_Y
ClientSampleId :

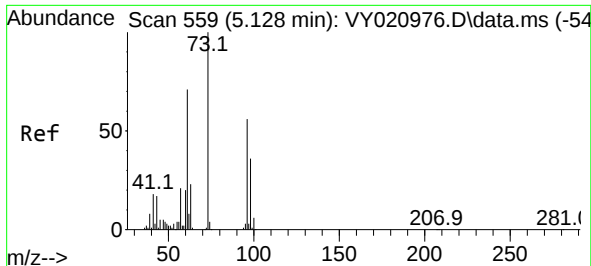
Tgt Ion: 76 Resp: 123764
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 21.129 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 43 Resp: 20408
Ion Ratio Lower Upper
43 100
74 27.5 22.2 33.4

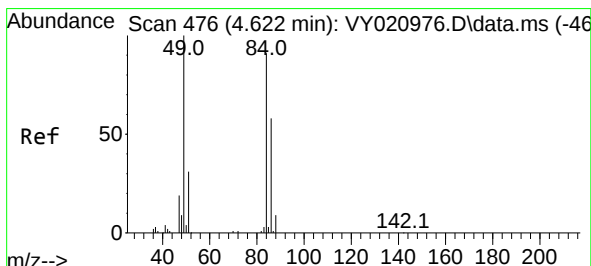
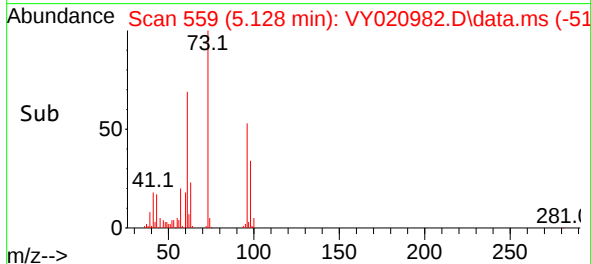
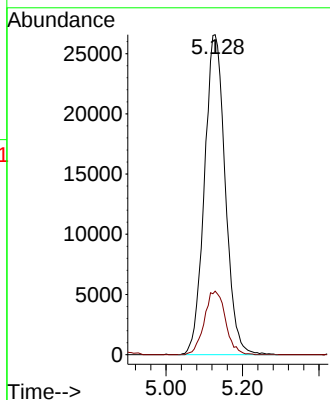
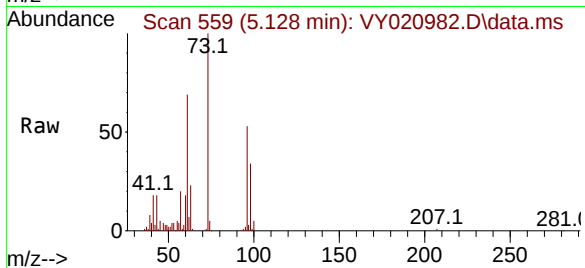




#19
Methyl tert-butyl Ether
Concen: 21.403 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

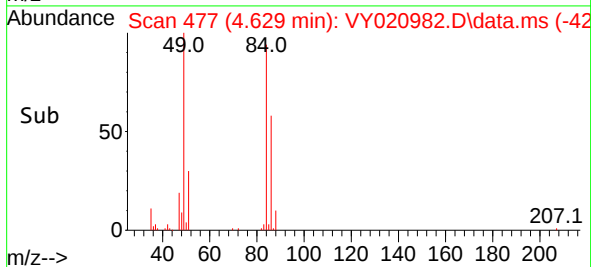
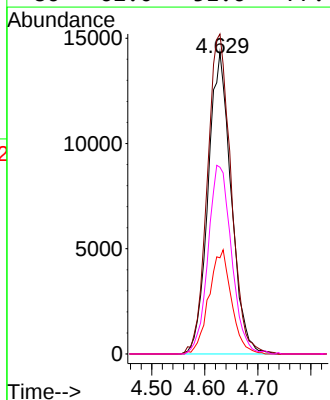
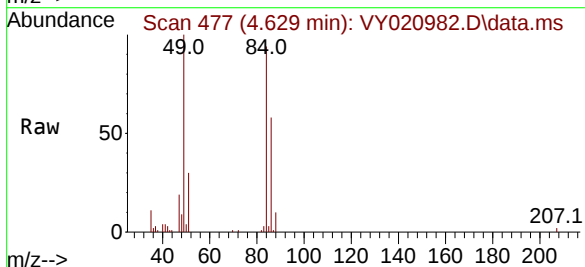
Instrument :
MSVOA_Y
ClientSampleId :

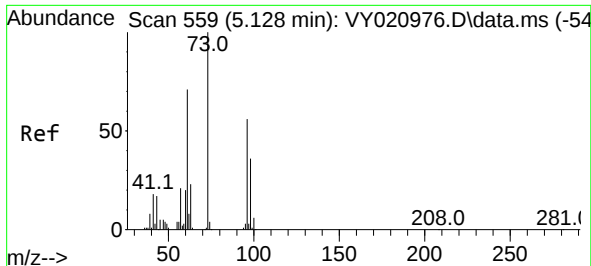
Tgt Ion: 73 Resp: 100303
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0



#20
Methylene Chloride
Concen: 21.238 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 84 Resp: 43237
Ion Ratio Lower Upper
84 100
49 106.1 88.3 132.5
51 31.9 27.7 41.5
86 62.0 51.6 77.4

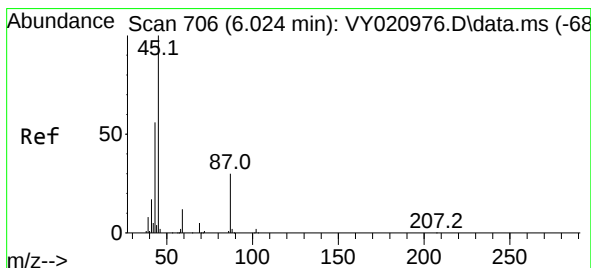
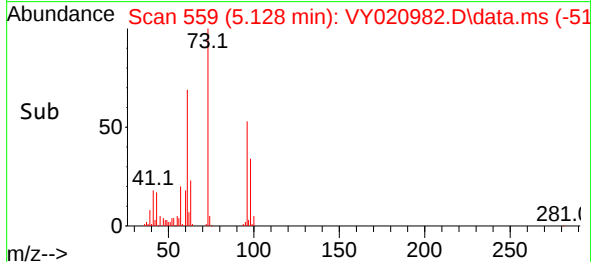
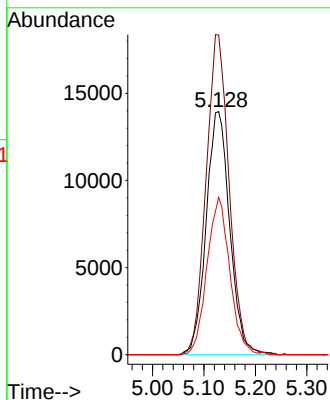
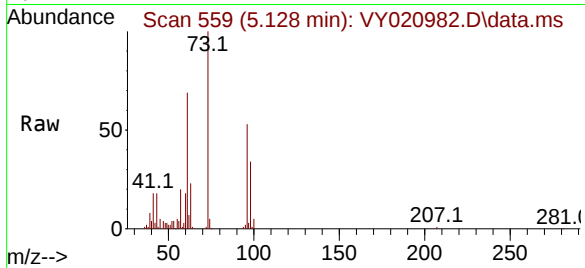




#21
trans-1,2-Dichloroethene
Concen: 20.592 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

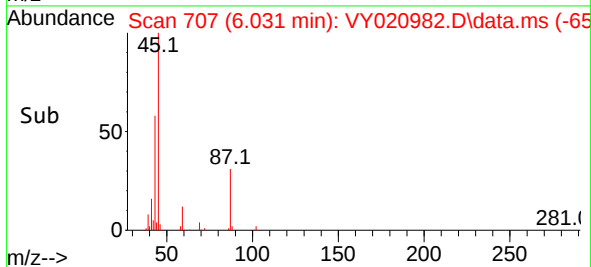
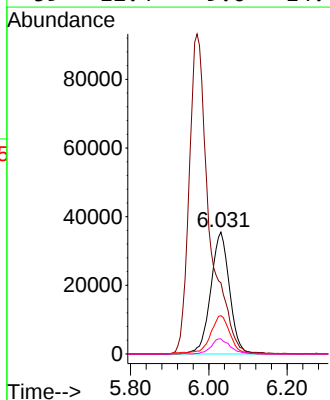
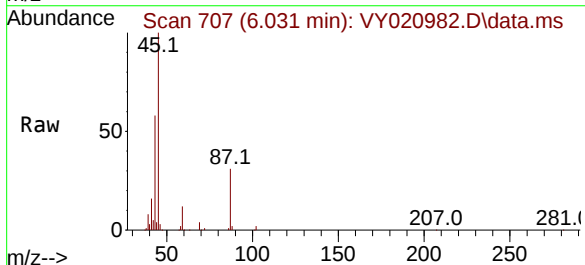
Instrument :
MSVOA_Y
ClientSampleId :

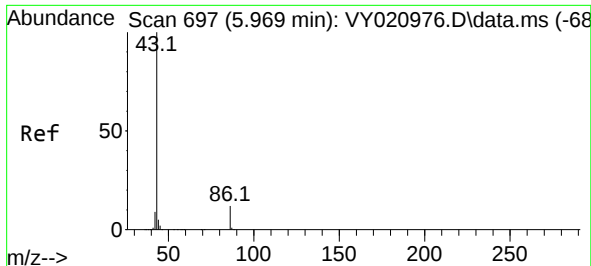
Tgt Ion: 96 Resp: 44452
Ion Ratio Lower Upper
96 100
61 131.5 101.5 152.3
98 64.7 52.0 78.0



#22
Diisopropyl ether
Concen: 20.859 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 45 Resp: 117858
Ion Ratio Lower Upper
45 100
43 57.9 45.1 67.7
87 31.4 25.0 37.4
59 12.4 9.6 14.4

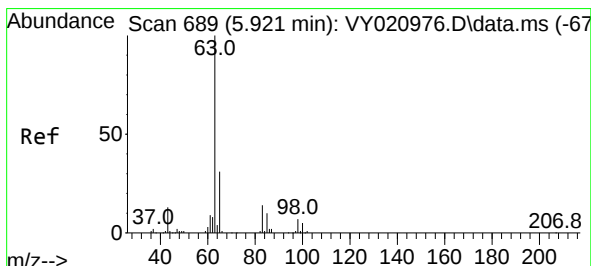
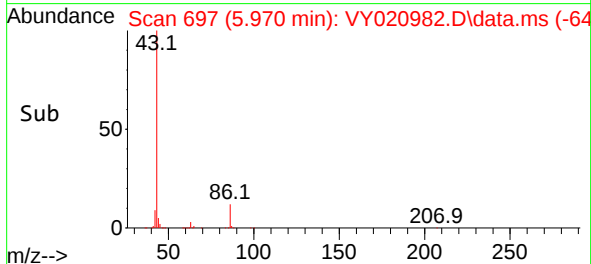
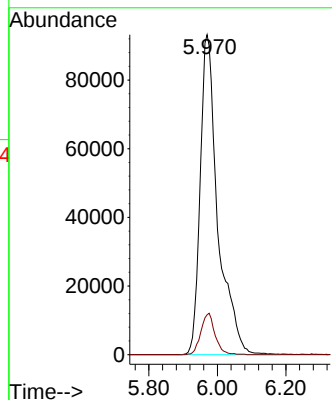
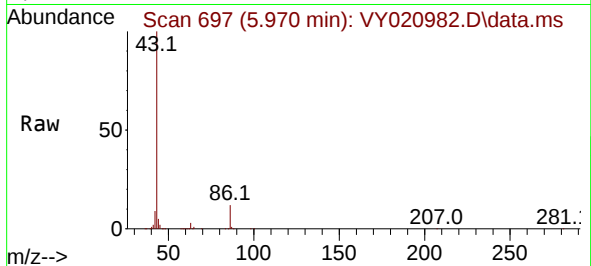




#23
 Vinyl Acetate
 Concen: 106.689 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY020982.D
 Acq: 30 Jan 2025 13:33

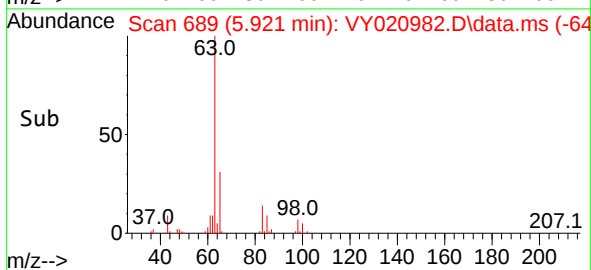
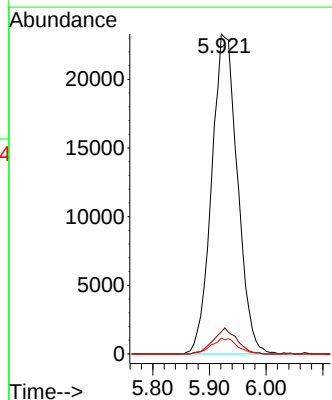
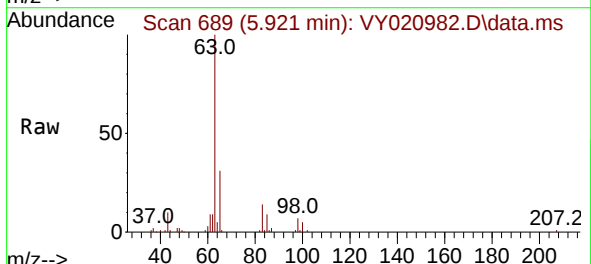
Instrument :
 MSVOA_Y
 ClientSampleId :

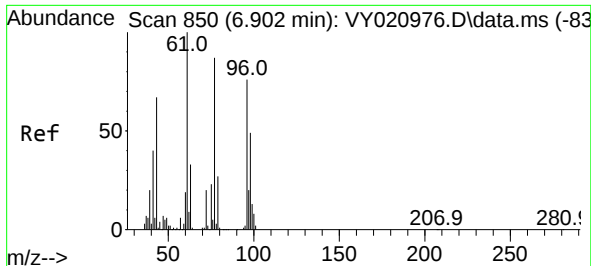
Tgt Ion: 43 Resp: 333828
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 20.236 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY020982.D
 Acq: 30 Jan 2025 13:33

Tgt Ion: 63 Resp: 73763
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 105.762 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

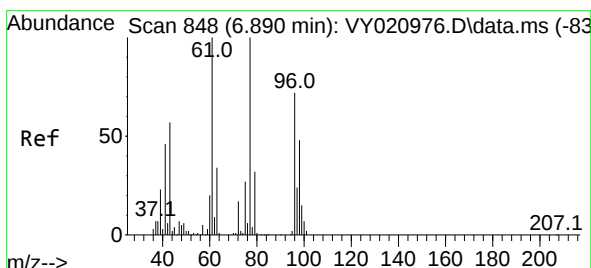
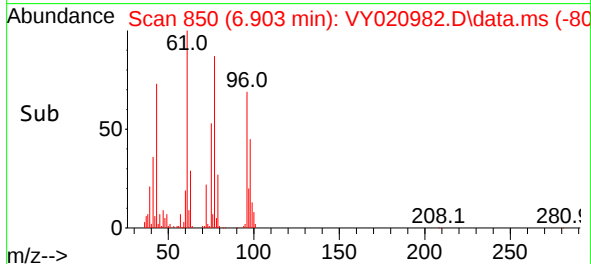
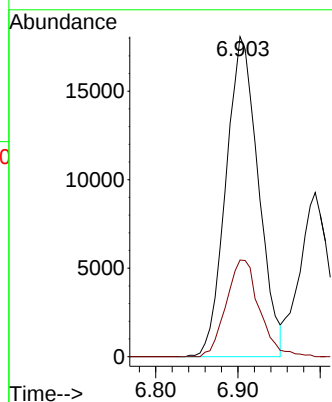
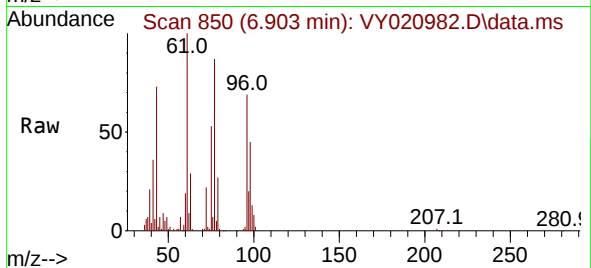
ClientSampleId :

Tgt Ion: 43 Resp: 49526

Ion Ratio Lower Upper

43 100

72 30.2 24.3 36.5



#26

2,2-Dichloropropane

Concen: 20.195 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY020982.D

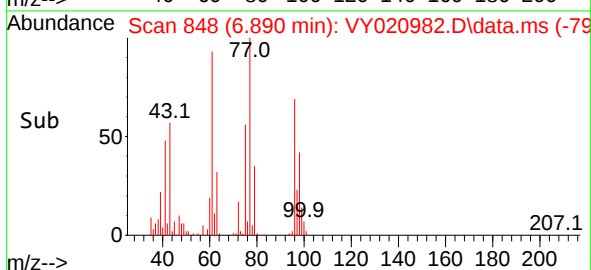
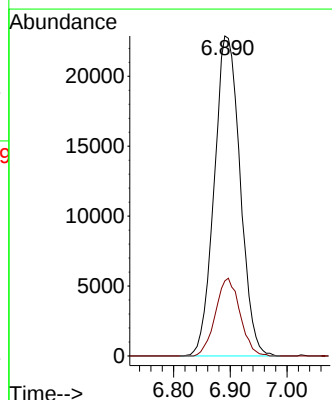
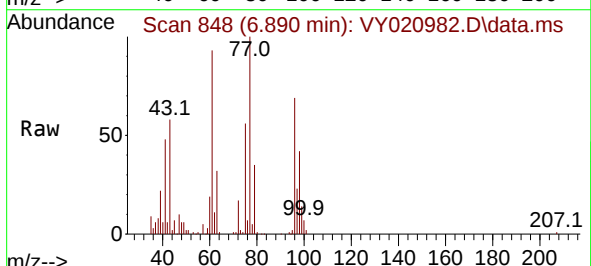
Acq: 30 Jan 2025 13:33

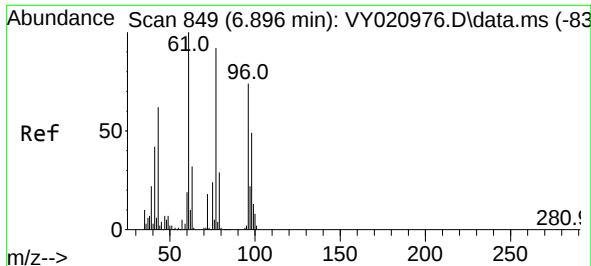
Tgt Ion: 77 Resp: 72475

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.463 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

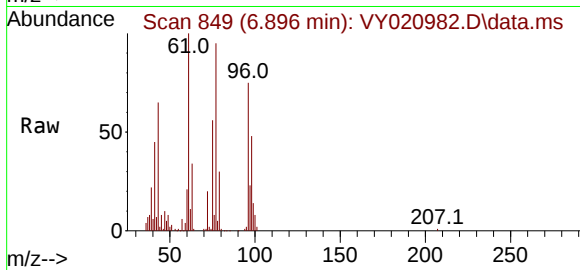
Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :



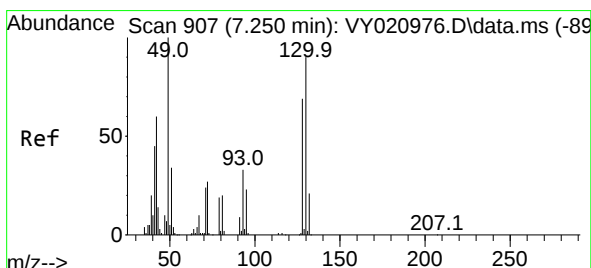
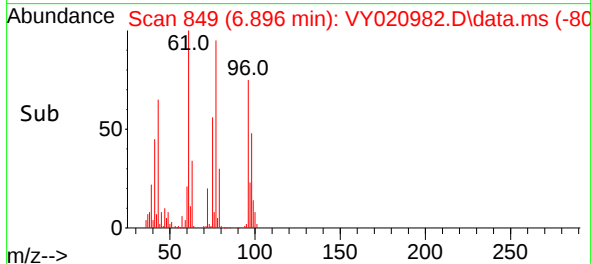
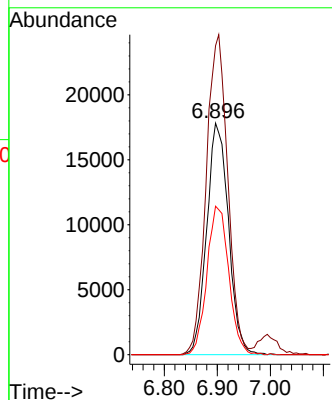
Tgt Ion: 96 Resp: 50774

Ion Ratio Lower Upper

96 100

61 137.0 0.0 274.0

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 20.578 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

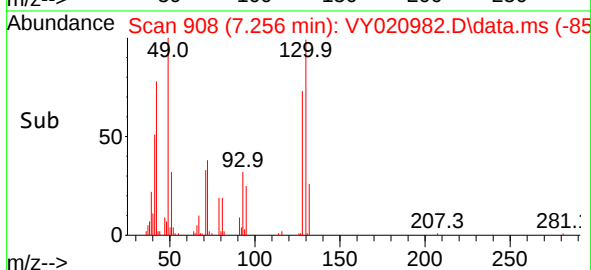
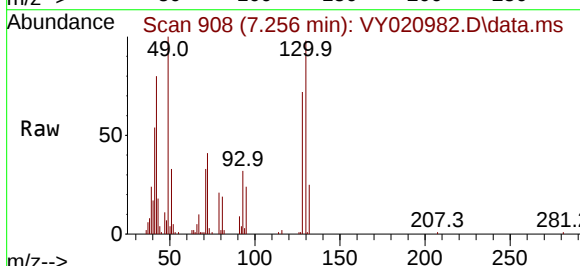
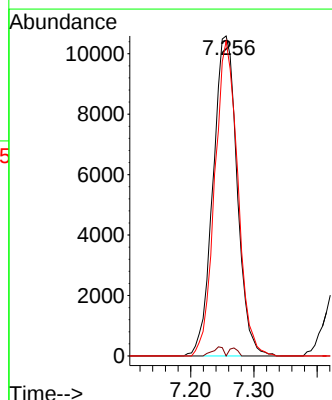
Tgt Ion: 49 Resp: 27946

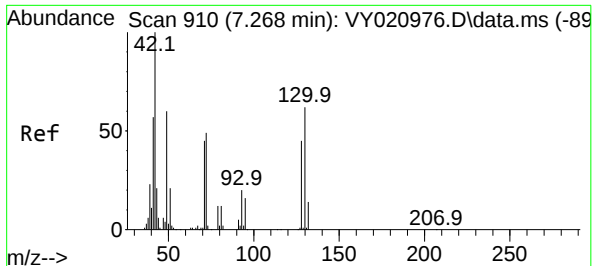
Ion Ratio Lower Upper

49 100

129 0.9 0.0 5.0

130 93.8 73.2 109.8





#29

Tetrahydrofuran

Concen: 106.255 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

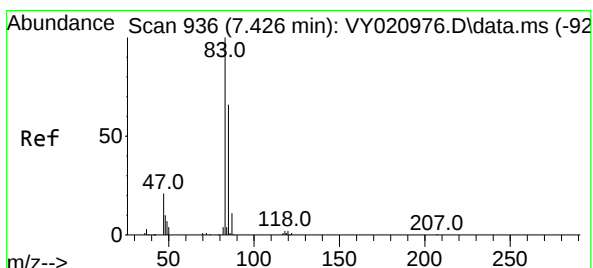
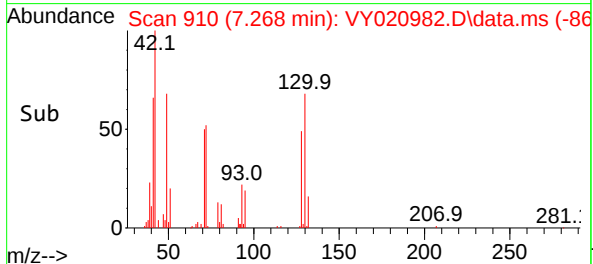
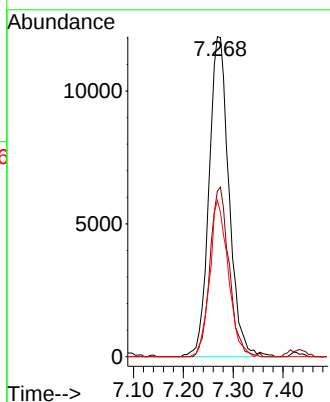
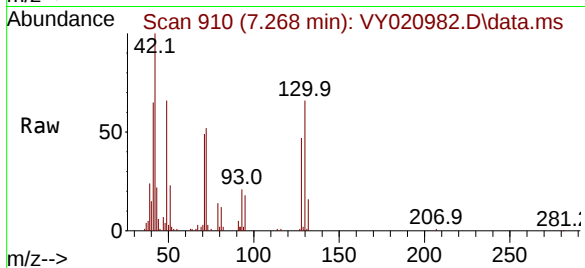
Tgt Ion: 42 Resp: 33482

Ion Ratio Lower Upper

42 100

72 50.5 39.3 58.9

71 45.5 36.1 54.1



#30

Chloroform

Concen: 20.261 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.007 min

Lab File: VY020982.D

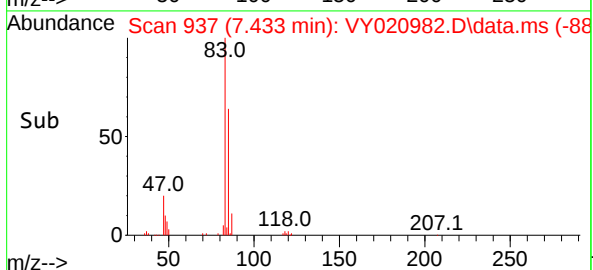
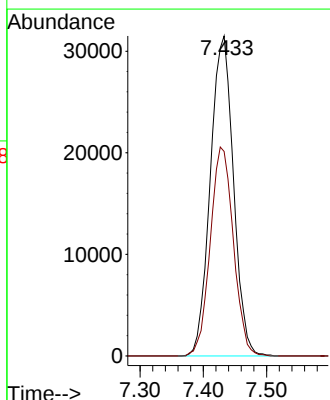
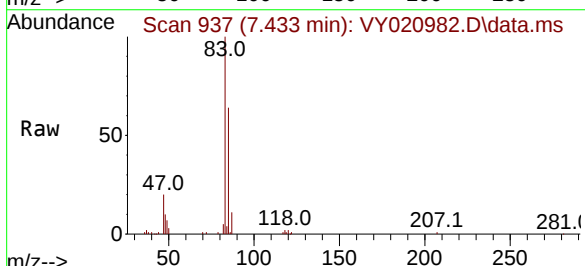
Acq: 30 Jan 2025 13:33

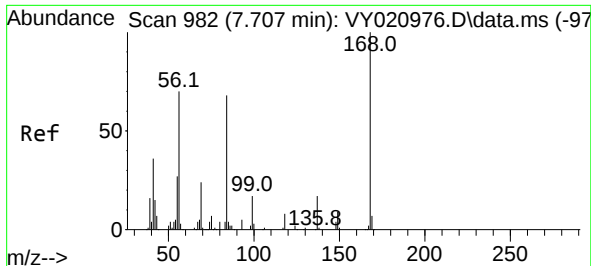
Tgt Ion: 83 Resp: 79989

Ion Ratio Lower Upper

83 100

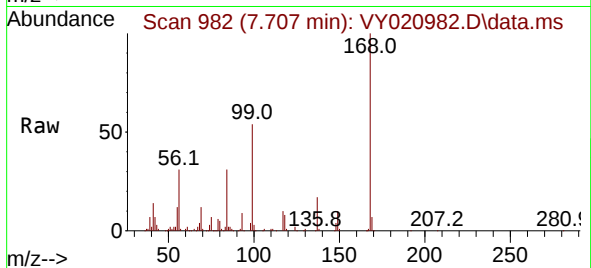
85 63.9 52.9 79.3





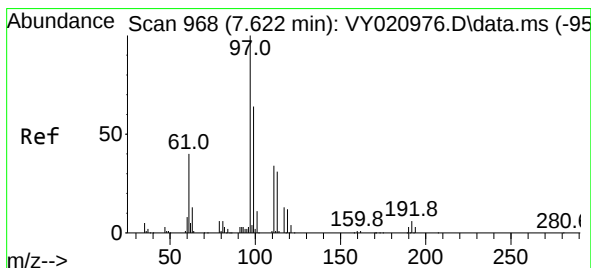
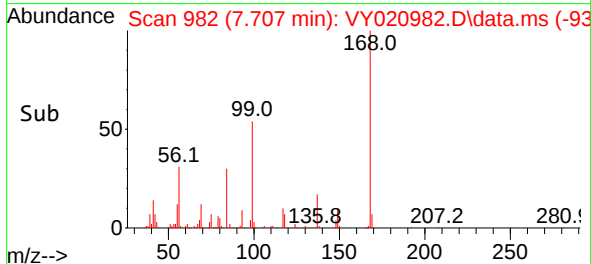
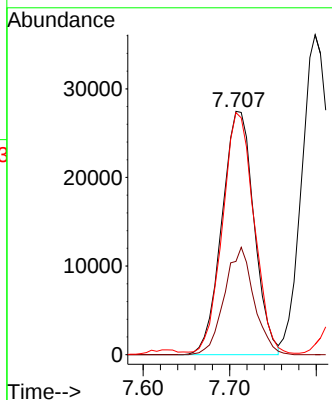
#31
Cyclohexane
Concen: 19.868 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 56 Resp: 70789

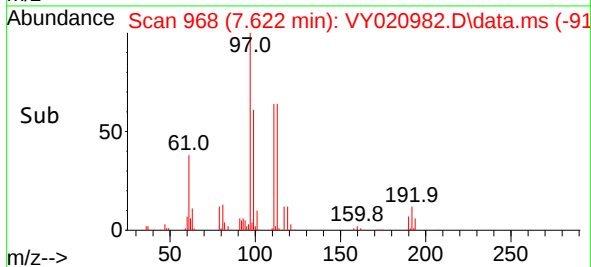
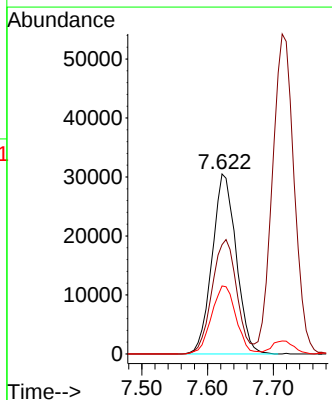
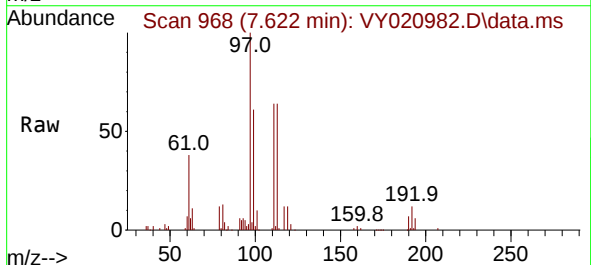
Ion	Ratio	Lower	Upper
56	100		
69	38.4	27.7	41.5
84	98.4	77.5	116.3

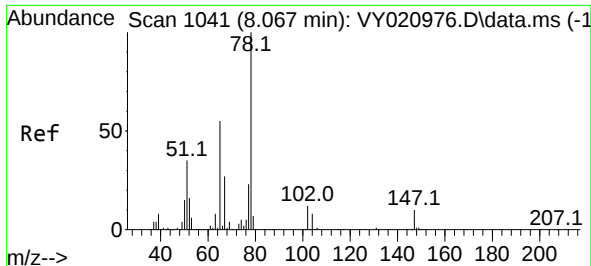


#32
1,1,1-Trichloroethane
Concen: 20.315 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 97 Resp: 77622

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.4	77.0
61	38.8	31.4	47.0





#33

1,2-Dichloroethane-d4

Concen: 53.529 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

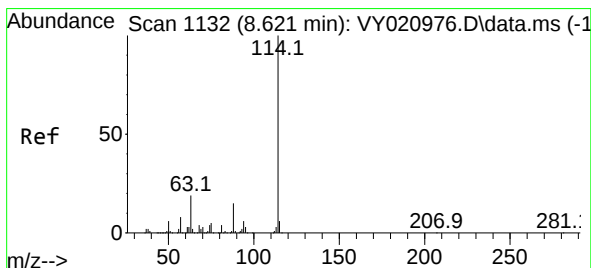
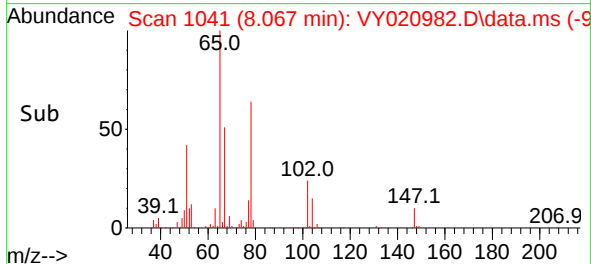
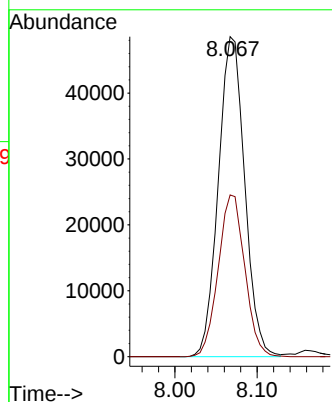
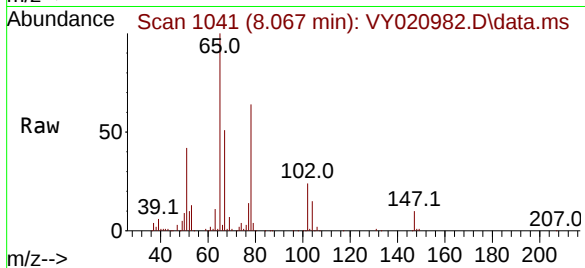
ClientSampleId :

Tgt Ion: 65 Resp: 108411

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

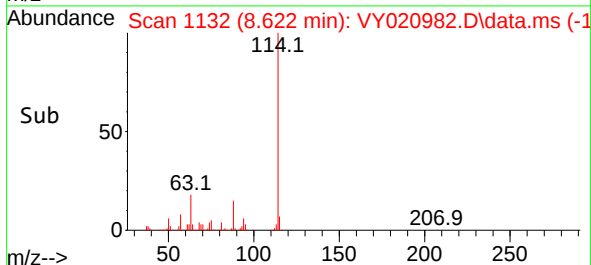
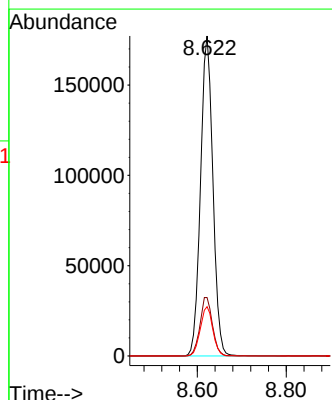
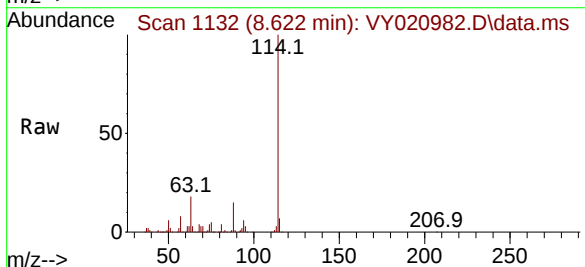
Tgt Ion:114 Resp: 343437

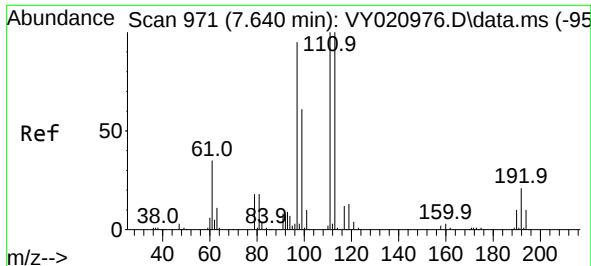
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.2

88 15.4 0.0 29.6

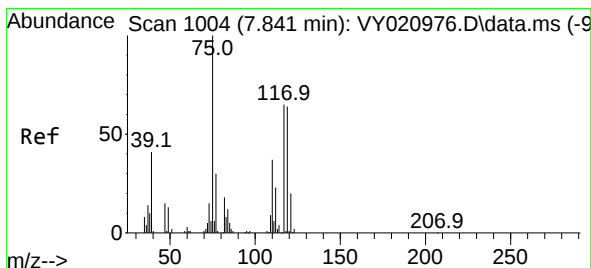
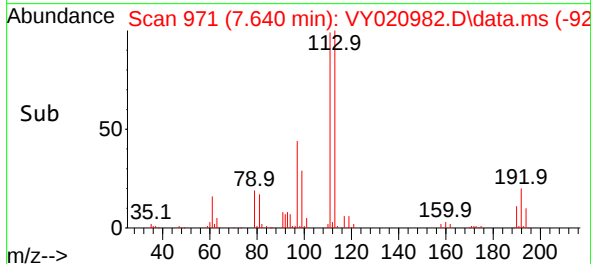
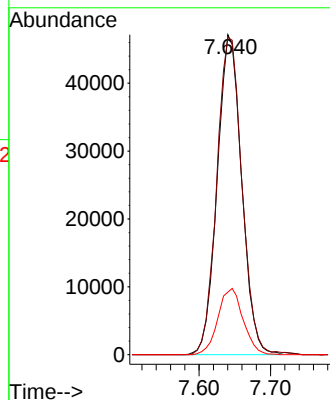
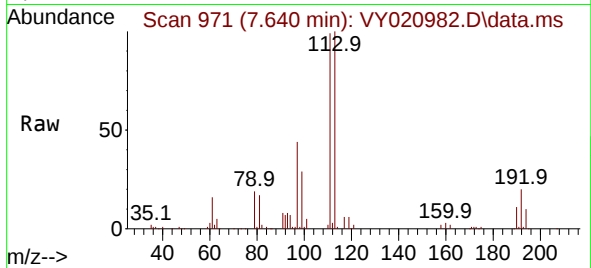




#35
Dibromofluoromethane
Concen: 54.144 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

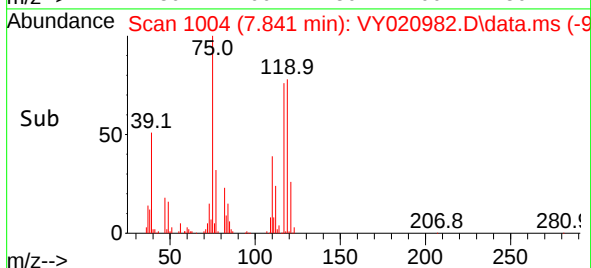
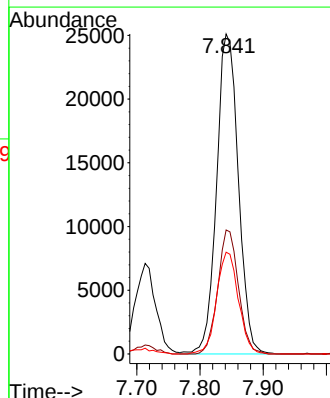
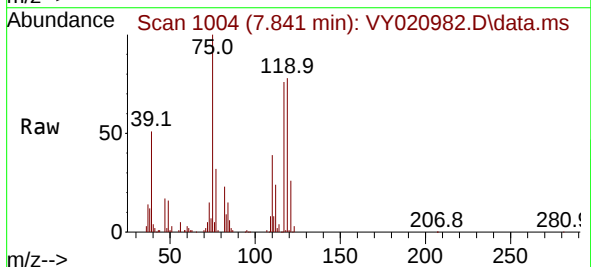
Instrument :
MSVOA_Y
ClientSampleId :

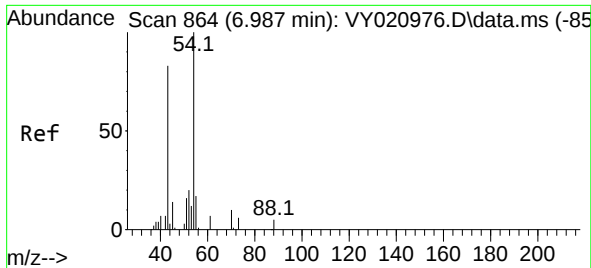
Tgt Ion:113 Resp: 111790
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.339 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 75 Resp: 59907
Ion Ratio Lower Upper
75 100
110 36.8 18.4 55.2
77 31.9 24.9 37.3

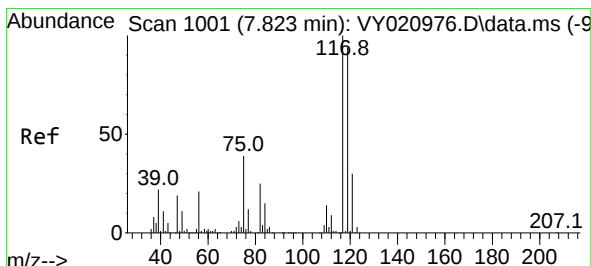
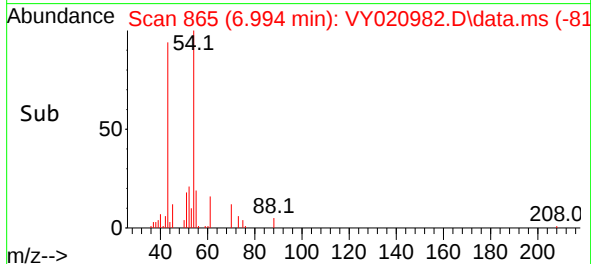
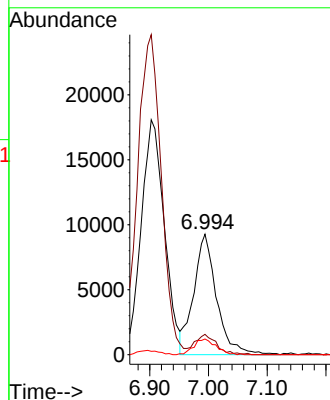
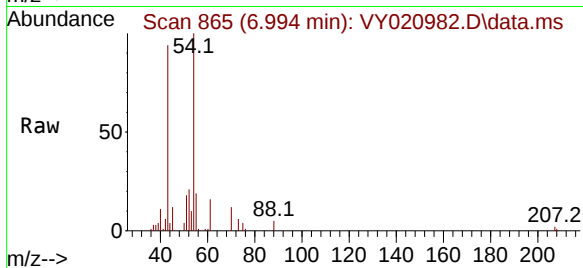




#37
Ethyl Acetate
Concen: 22.922 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

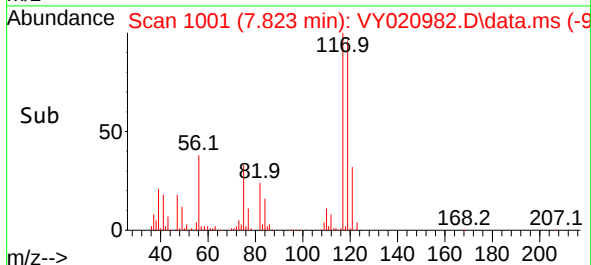
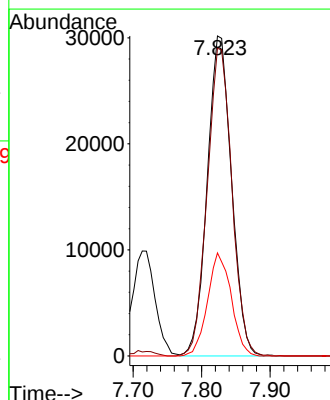
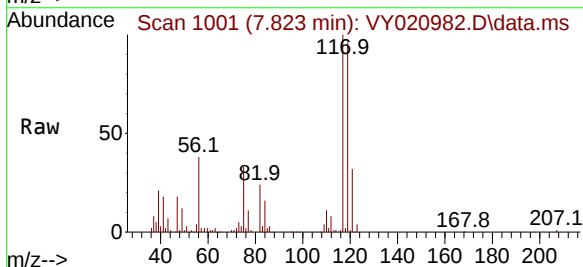
Instrument :
MSVOA_Y
ClientSampleId :

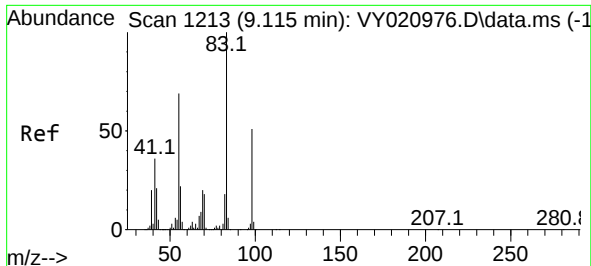
Tgt Ion: 43 Resp: 25171
Ion Ratio Lower Upper
43 100
61 15.8 11.4 17.0
70 12.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 20.406 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 117 Resp: 74379
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
121 32.2 24.2 36.2





#39

Methylcyclohexane

Concen: 20.462 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

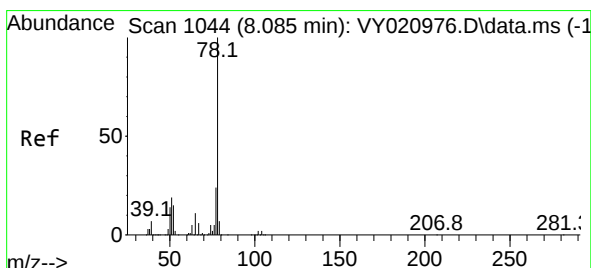
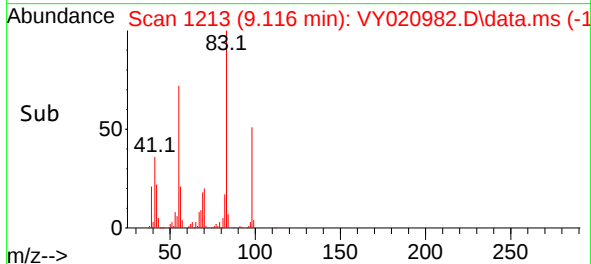
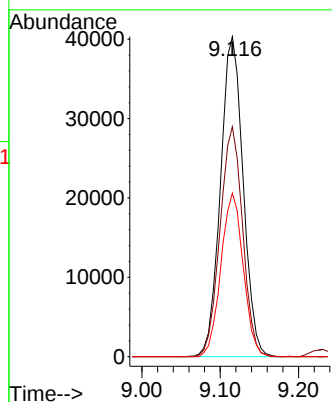
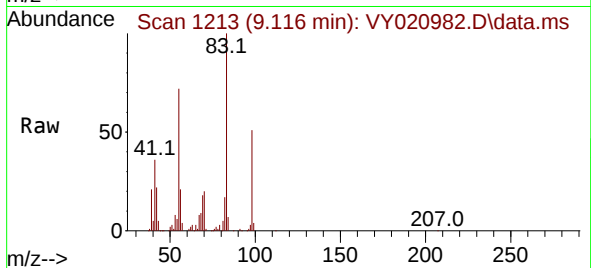
Tgt Ion: 83 Resp: 80965

Ion Ratio Lower Upper

83 100

55 71.8 54.9 82.3

98 51.1 40.5 60.7



#40

Benzene

Concen: 20.723 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY020982.D

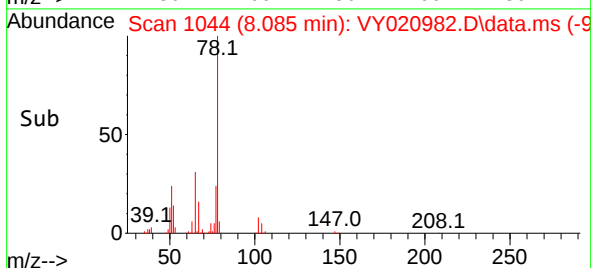
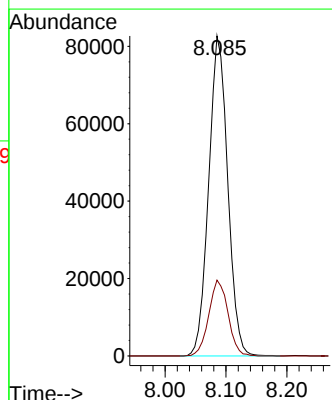
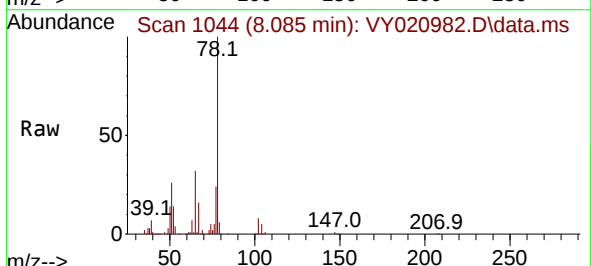
Acq: 30 Jan 2025 13:33

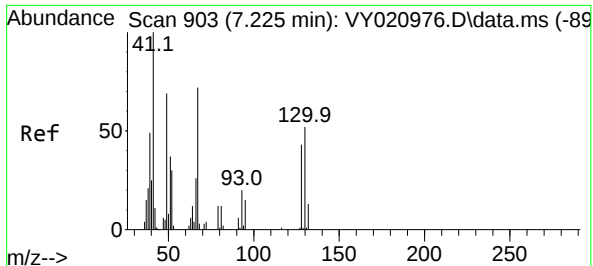
Tgt Ion: 78 Resp: 179603

Ion Ratio Lower Upper

78 100

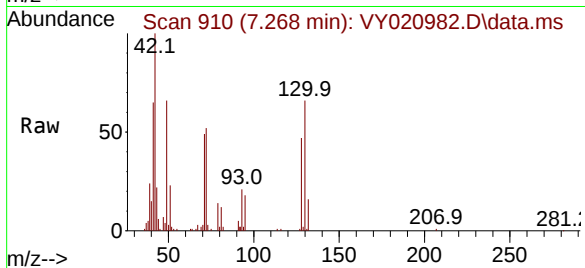
77 23.7 19.4 29.2



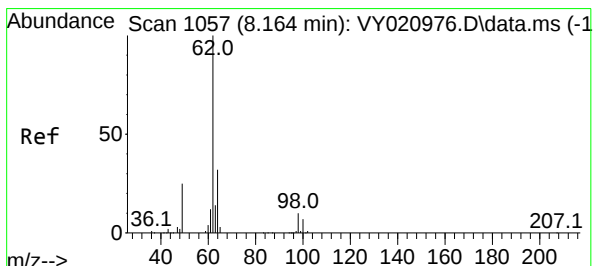
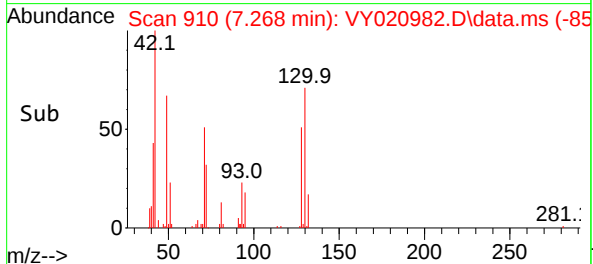
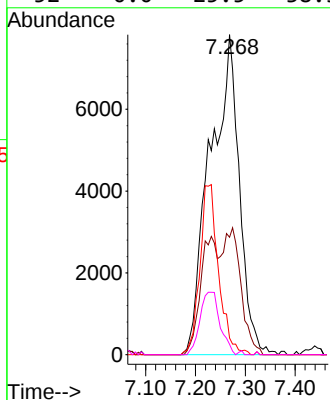


#41
Methacrylonitrile
Concen: 52.324 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.043 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Instrument :
MSVOA_Y
ClientSampleId :

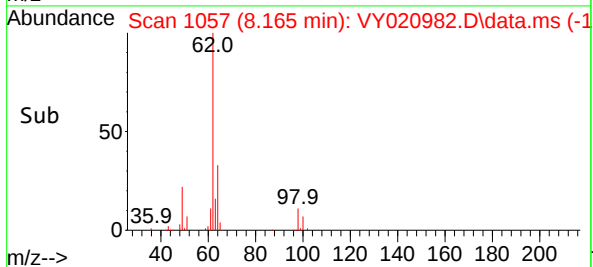
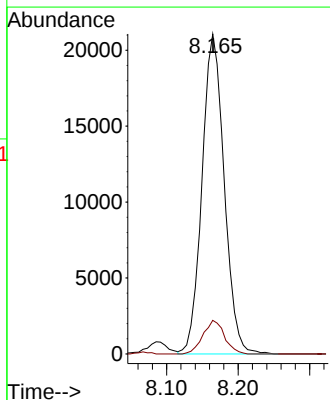
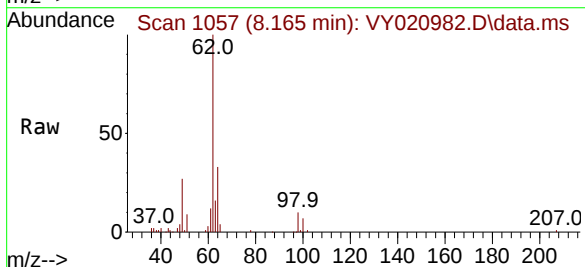


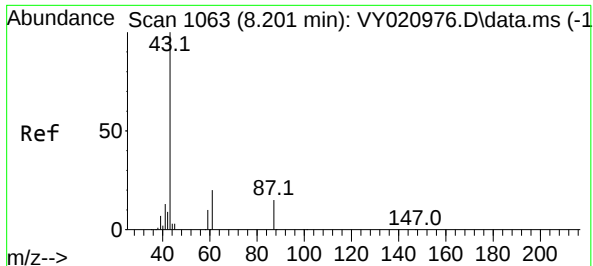
Tgt Ion: 41 Resp: 31791
Ion Ratio Lower Upper
41 100
39 0.0 41.6 62.4#
67 0.0 63.8 95.6#
52 0.0 25.5 38.3#



#42
1,2-Dichloroethane
Concen: 20.664 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 62 Resp: 45420
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4

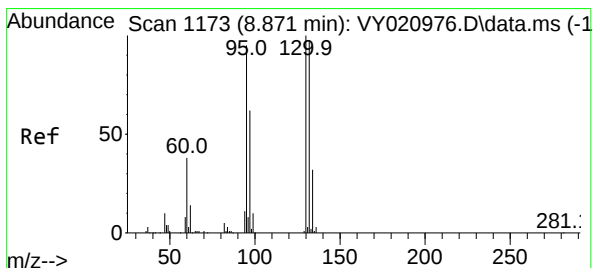
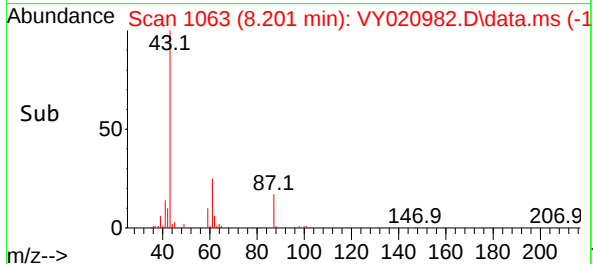
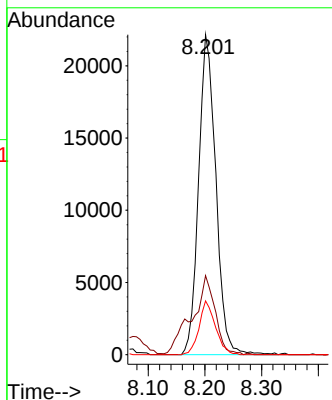
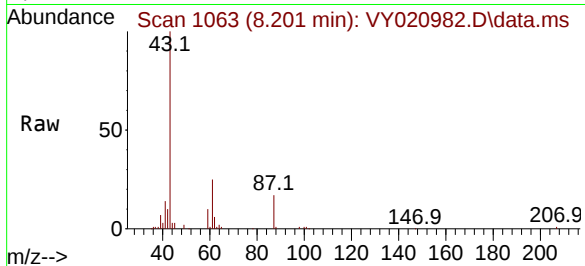




#43
Isopropyl Acetate
Concen: 21.373 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

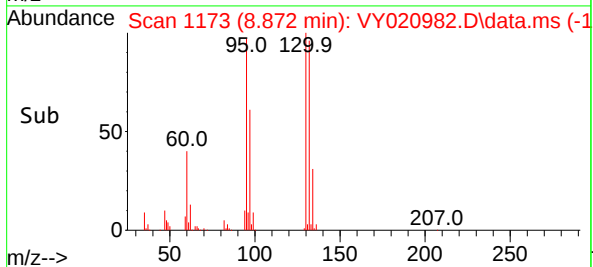
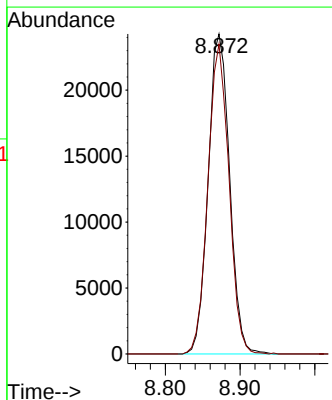
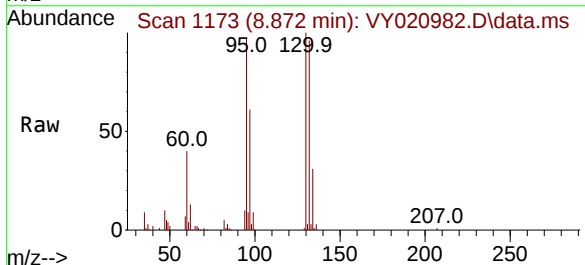
Instrument :
MSVOA_Y
ClientSampleId :

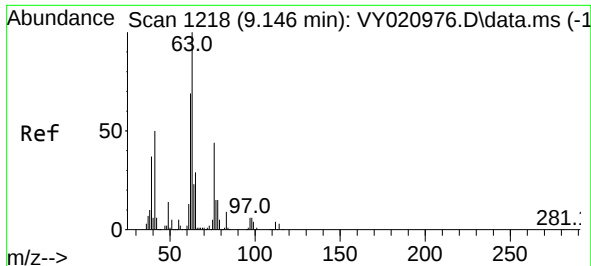
Tgt Ion: 43 Resp: 46888
Ion Ratio Lower Upper
43 100
61 33.2 15.8 23.6#
87 15.9 12.5 18.7



#44
Trichloroethene
Concen: 20.268 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion:130 Resp: 48471
Ion Ratio Lower Upper
130 100
95 96.8 0.0 189.6





#45

1,2-Dichloropropane

Concen: 20.776 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

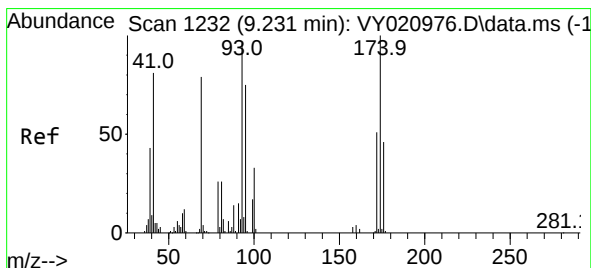
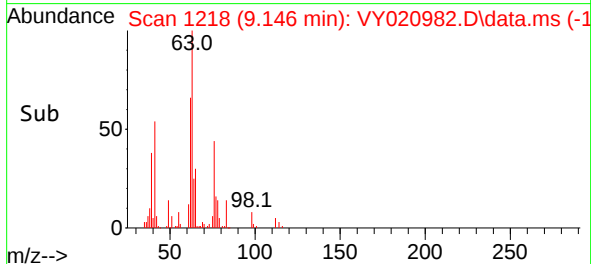
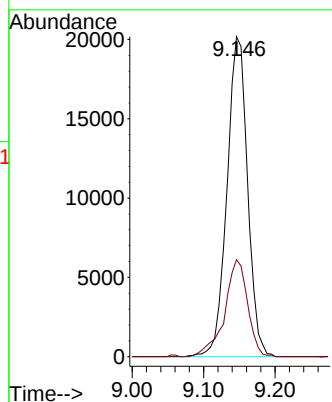
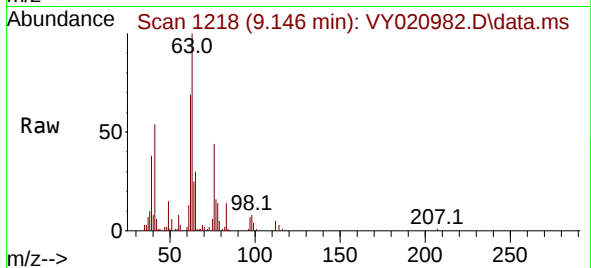
ClientSampleId :

Tgt Ion: 63 Resp: 40359

Ion Ratio Lower Upper

63 100

65 30.3 23.6 35.4



#46

Dibromomethane

Concen: 20.861 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

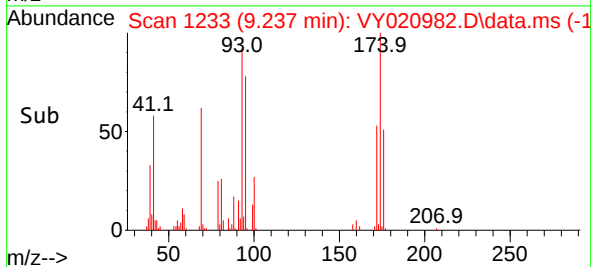
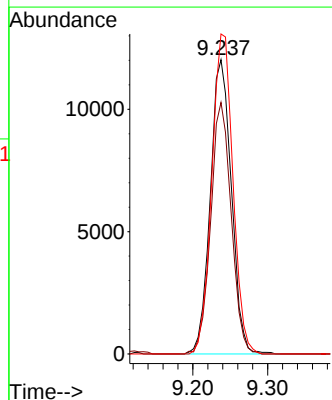
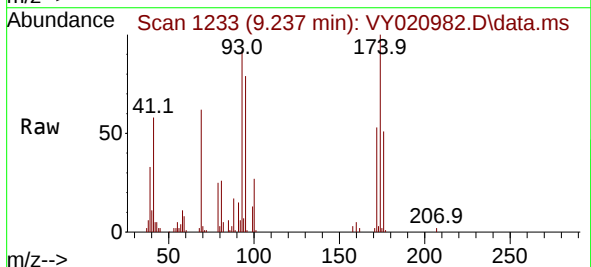
Tgt Ion: 93 Resp: 23583

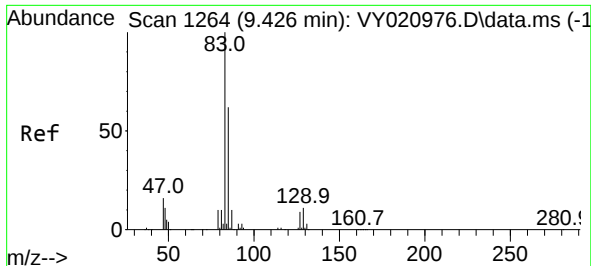
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 109.1 88.1 132.1

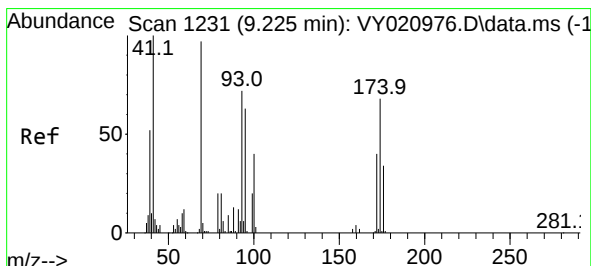
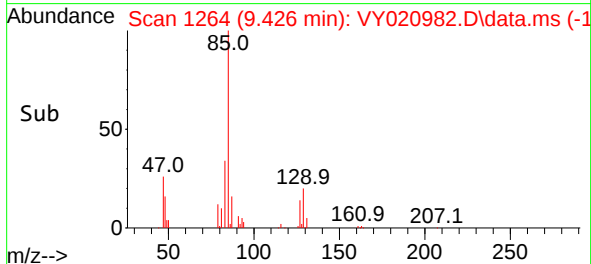
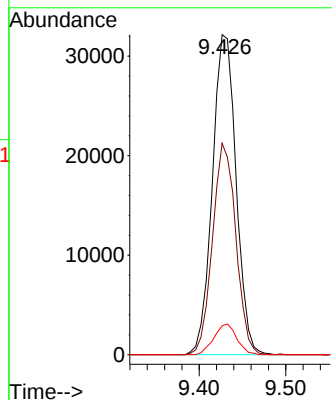
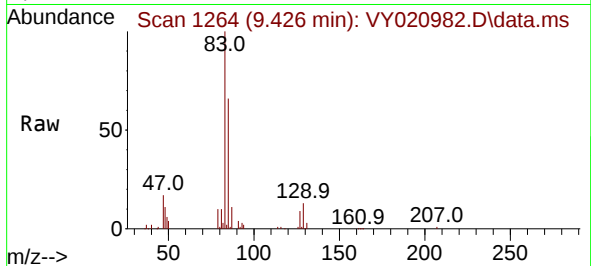




#47
Bromodichloromethane
Concen: 20.604 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

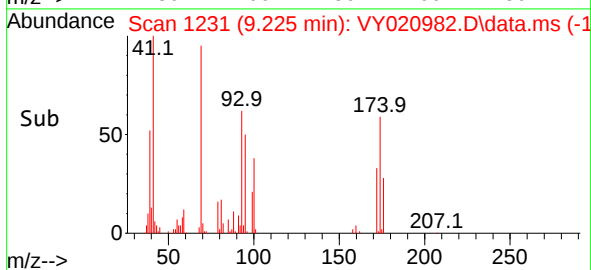
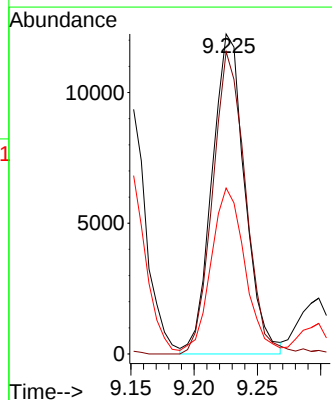
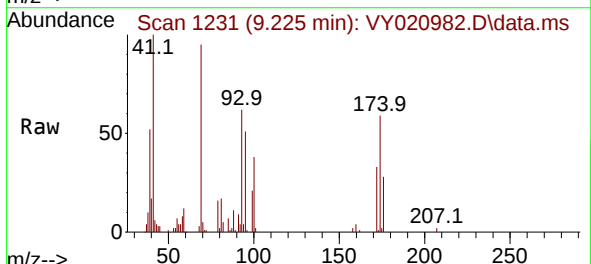
Instrument :
MSVOA_Y
ClientSampleId :

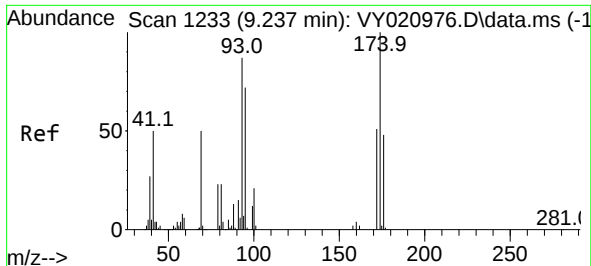
Tgt Ion: 83 Resp: 61167
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 21.154 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 41 Resp: 22095
Ion Ratio Lower Upper
41 100
69 94.2 75.6 113.4
39 51.7 41.3 61.9





#49

1,4-Dioxane

Concen: 431.386 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.007 min

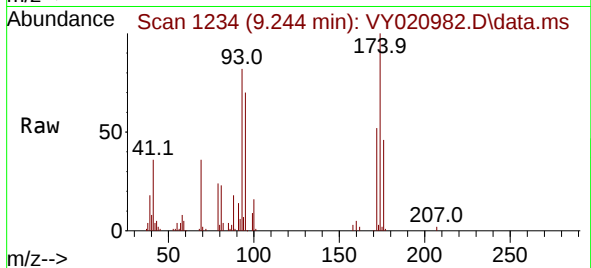
Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :



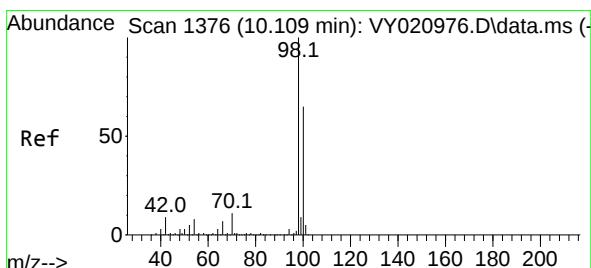
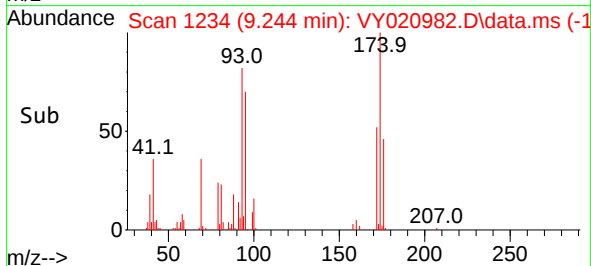
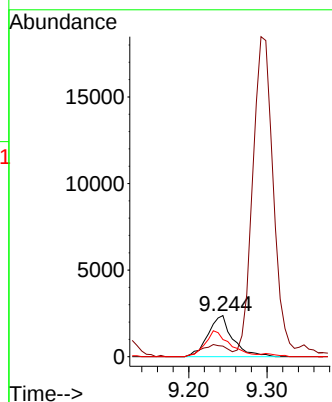
Tgt Ion: 88 Resp: 5182

Ion Ratio Lower Upper

88 100

43 30.9 24.2 36.4

58 63.0 57.3 85.9



#50

Toluene-d8

Concen: 53.793 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020982.D

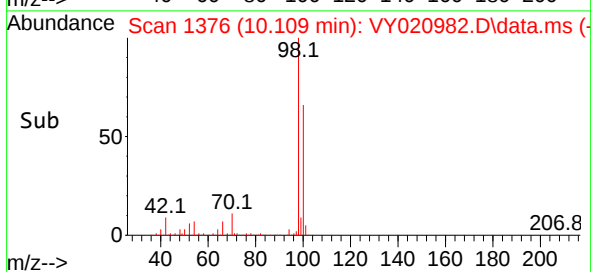
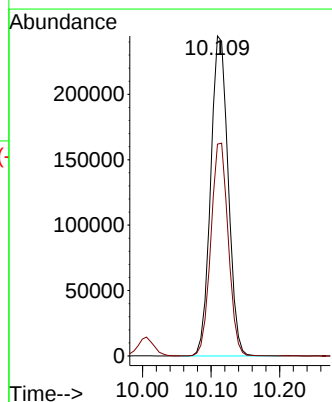
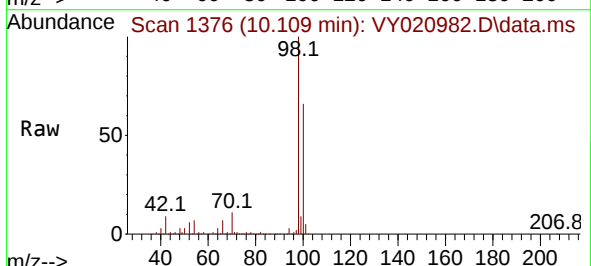
Acq: 30 Jan 2025 13:33

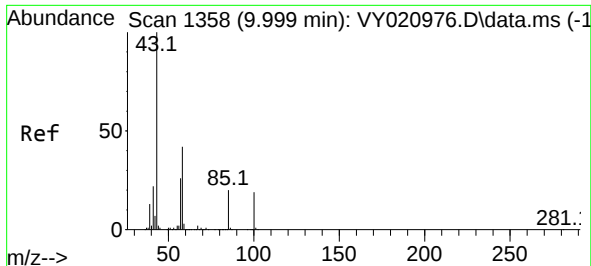
Tgt Ion: 98 Resp: 433498

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 108.126 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

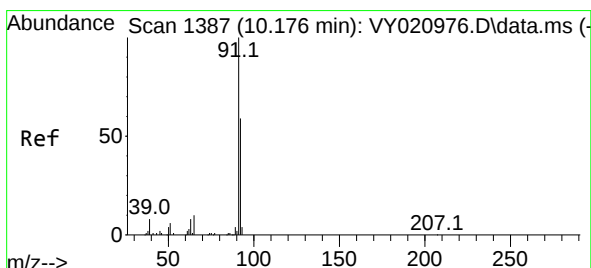
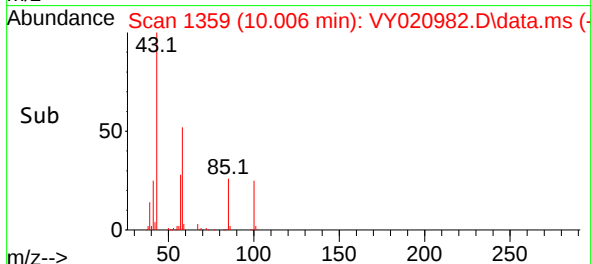
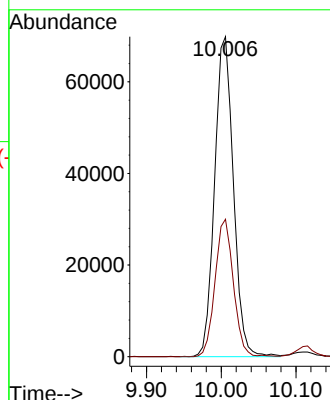
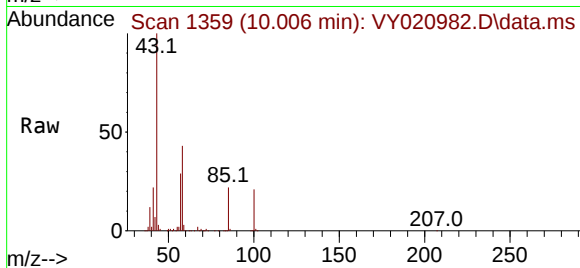
ClientSampleId :

Tgt Ion: 43 Resp: 121887

Ion Ratio Lower Upper

43 100

58 42.0 33.8 50.8



#52

Toluene

Concen: 20.727 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY020982.D

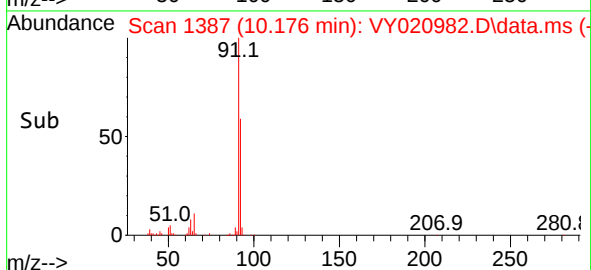
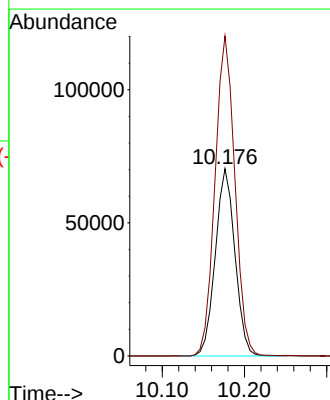
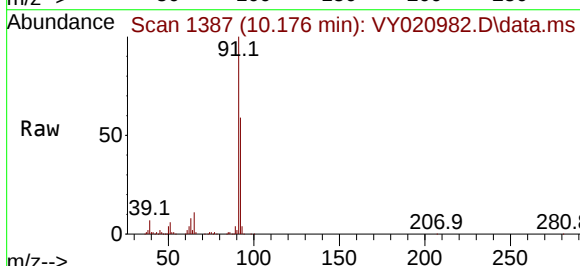
Acq: 30 Jan 2025 13:33

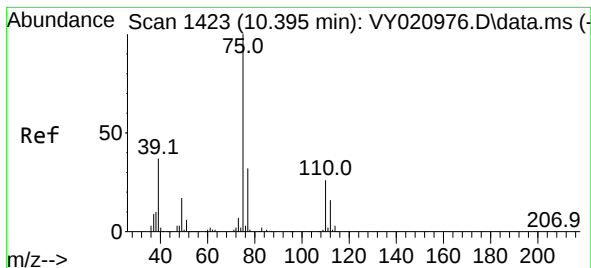
Tgt Ion: 92 Resp: 116603

Ion Ratio Lower Upper

92 100

91 173.0 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 20.760 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

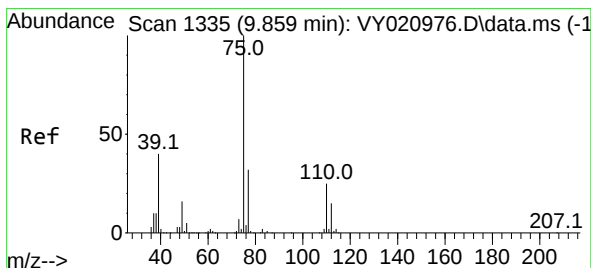
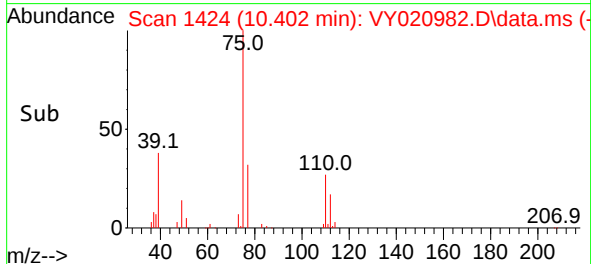
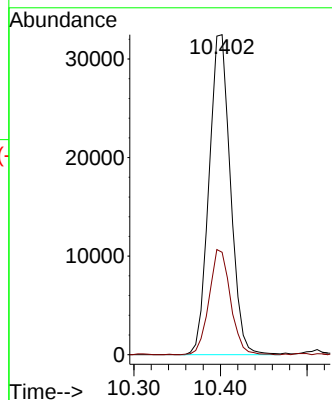
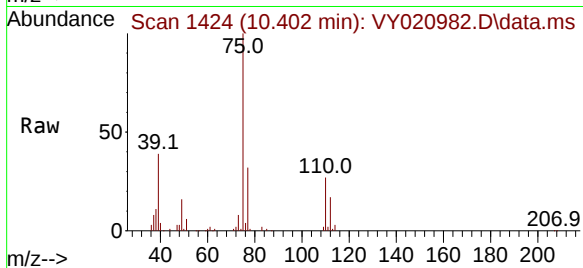
ClientSampleId :

Tgt Ion: 75 Resp: 55773

Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 20.576 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

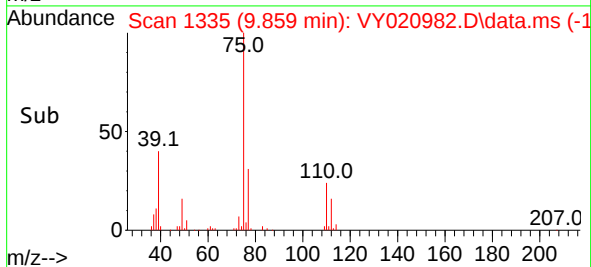
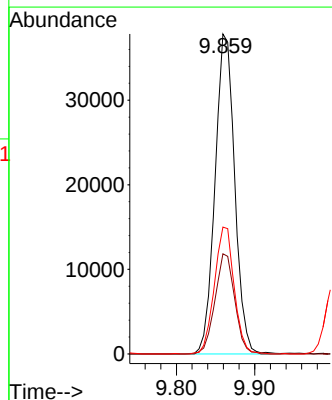
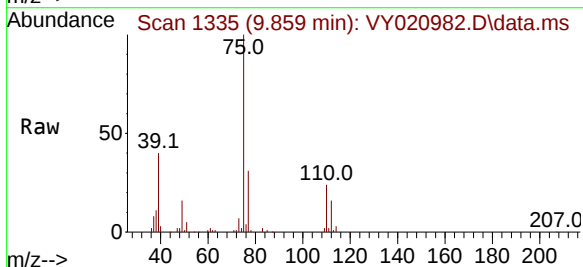
Tgt Ion: 75 Resp: 66067

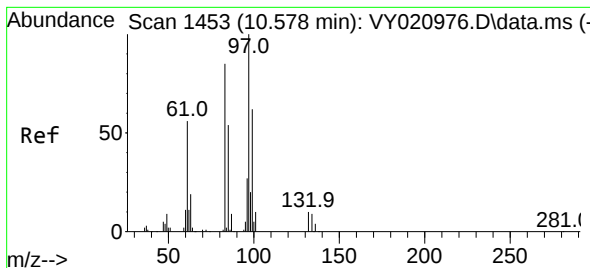
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 39.7 32.2 48.2

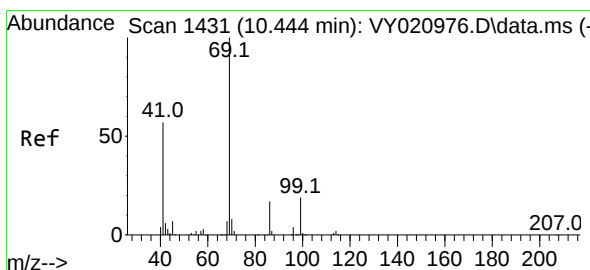
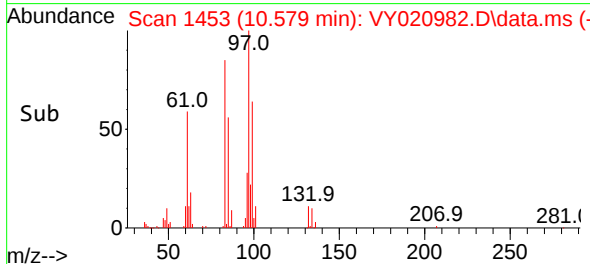
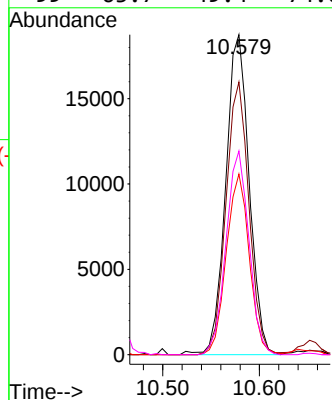
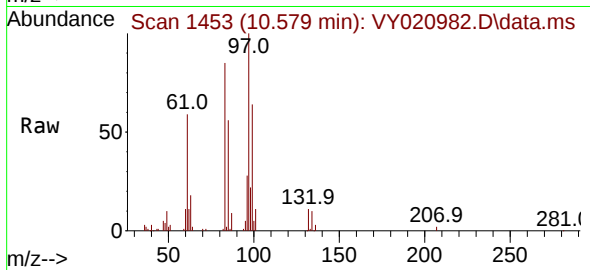




#55
1,1,2-Trichloroethane
Concen: 21.028 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

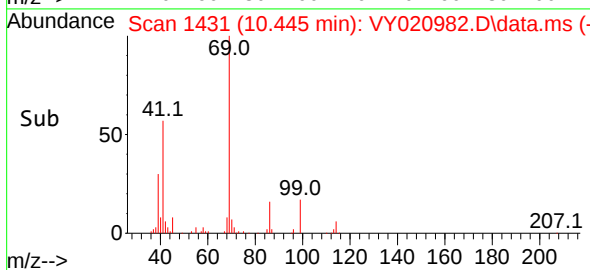
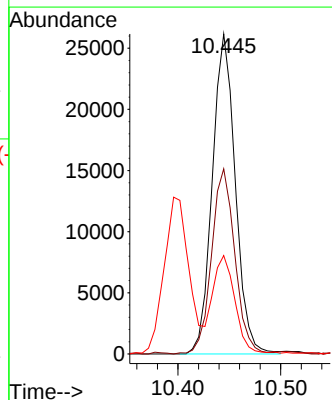
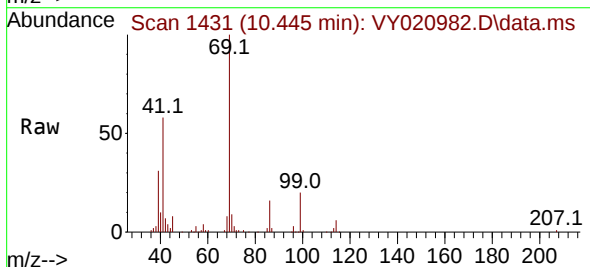
Instrument :
MSVOA_Y
ClientSampleId :

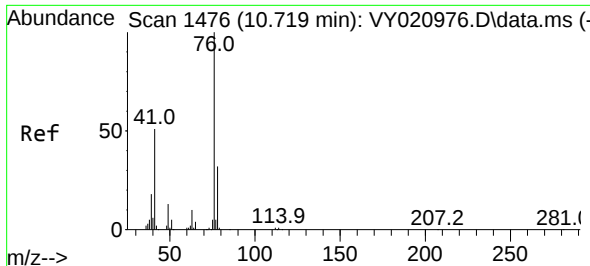
Tgt Ion: 97	Resp: 31614
Ion Ratio	Lower Upper
97 100	
83 85.2	67.7 101.5
85 56.5	43.4 65.2
99 63.7	49.4 74.0



#56
Ethyl methacrylate
Concen: 20.681 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 69	Resp: 40641
Ion Ratio	Lower Upper
69 100	
41 58.7	46.3 69.5
39 29.0	24.5 36.7





#57

1,3-Dichloropropane

Concen: 21.062 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

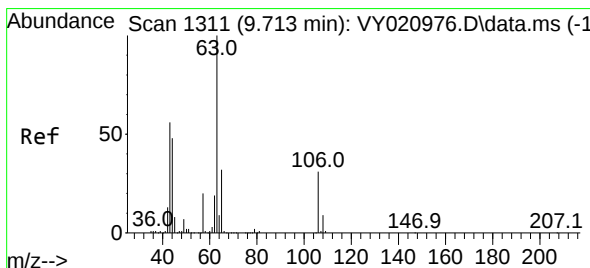
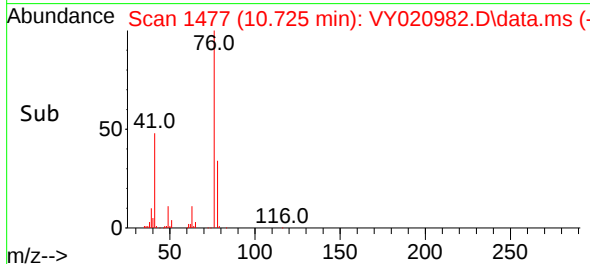
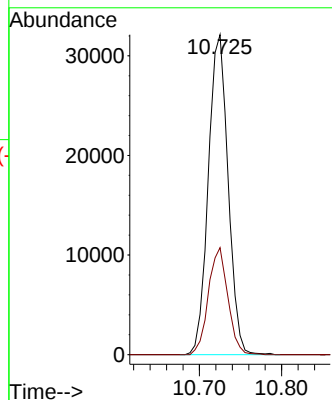
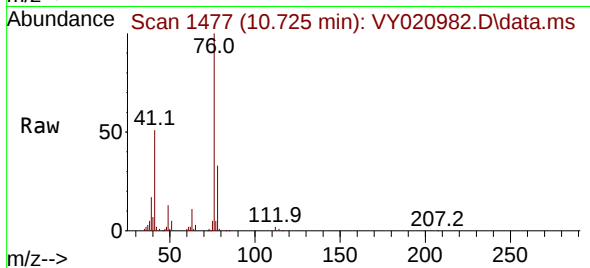
ClientSampleId :

Tgt Ion: 76 Resp: 53669

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 113.079 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.007 min

Lab File: VY020982.D

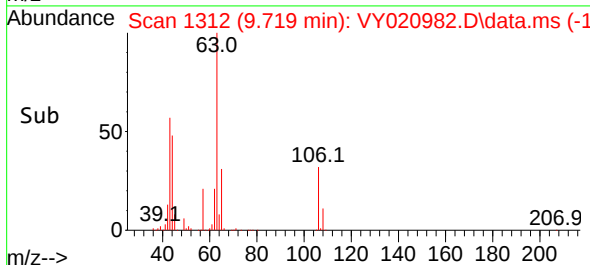
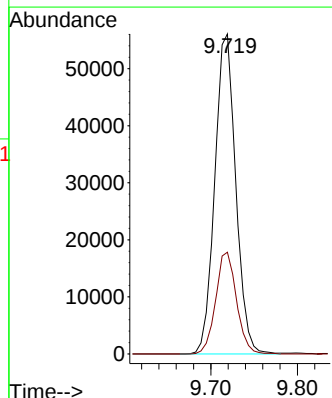
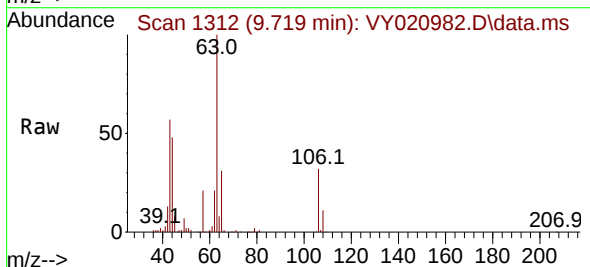
Acq: 30 Jan 2025 13:33

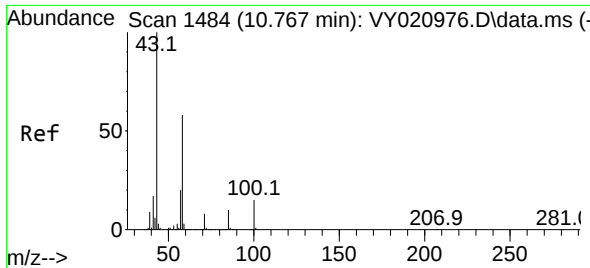
Tgt Ion: 63 Resp: 94316

Ion Ratio Lower Upper

63 100

106 31.6 24.7 37.1

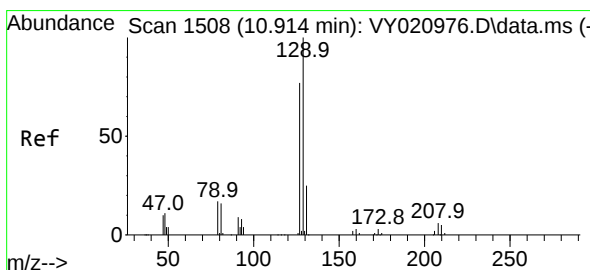
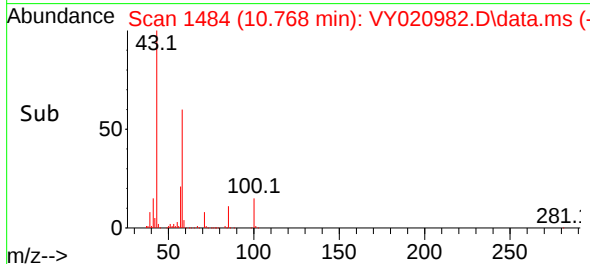
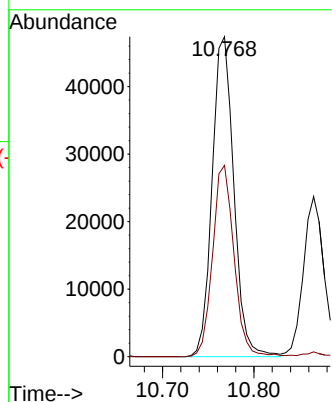
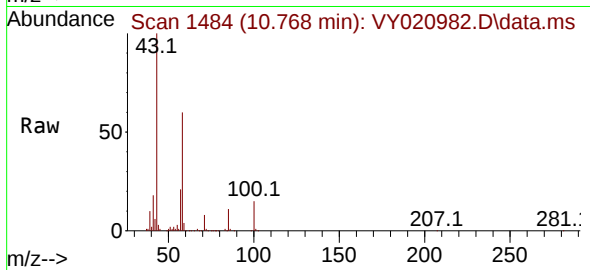




#59
2-Hexanone
Concen: 106.898 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

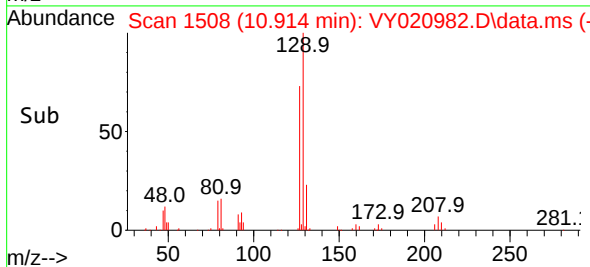
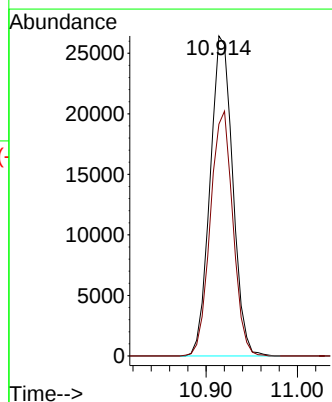
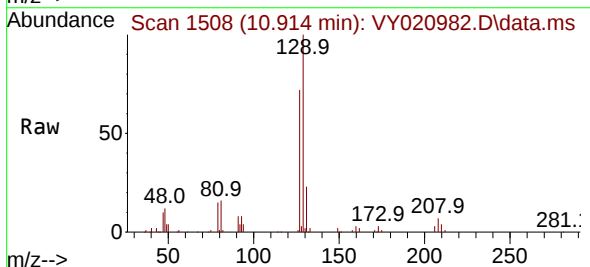
Instrument :
MSVOA_Y
ClientSampleId :

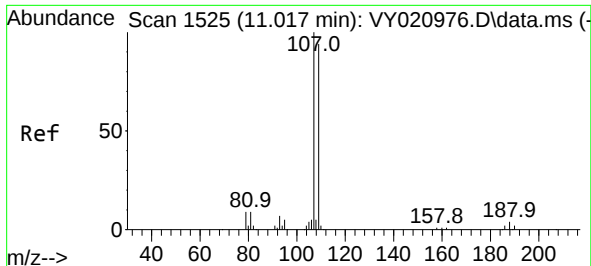
Tgt Ion: 43 Resp: 78326
Ion Ratio Lower Upper
43 100
58 59.0 29.8 89.3



#60
Dibromochloromethane
Concen: 21.197 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion:129 Resp: 45437
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3

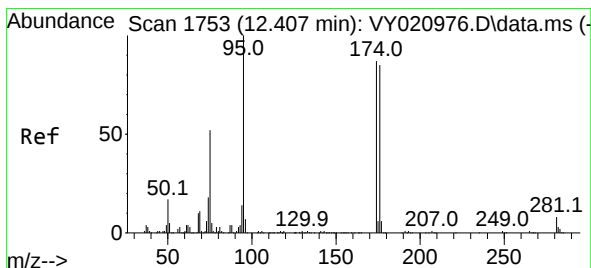
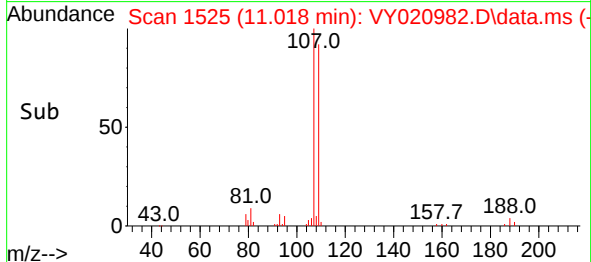
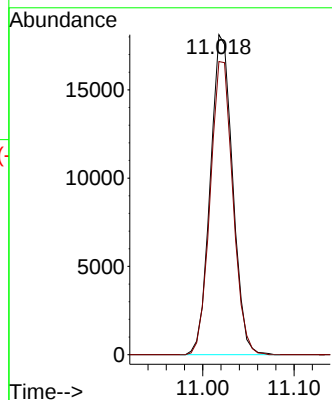
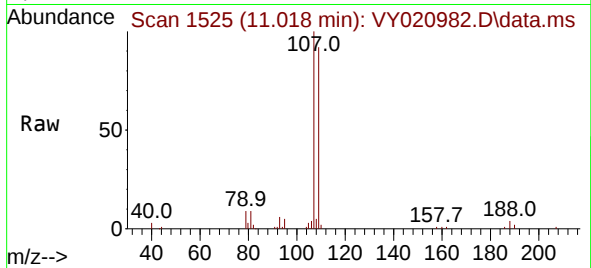




#61
1,2-Dibromoethane
Concen: 21.431 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

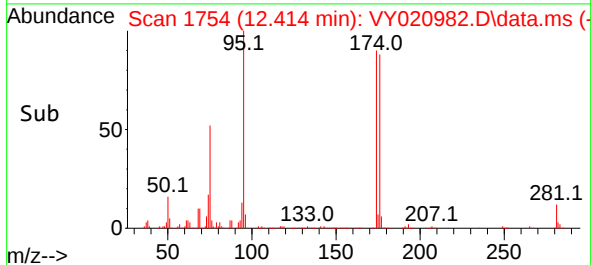
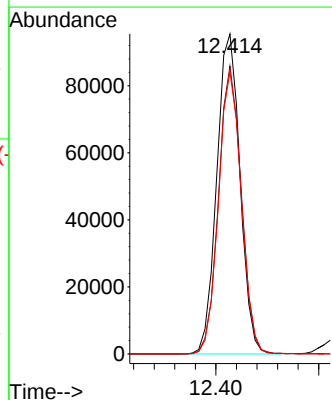
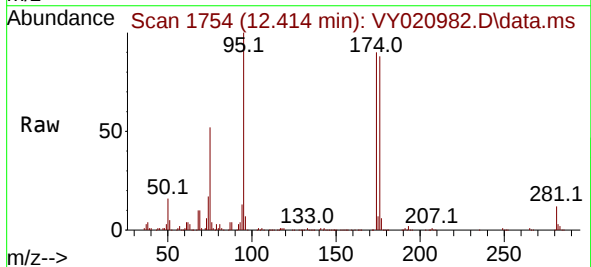
Instrument :
MSVOA_Y
ClientSampleId :

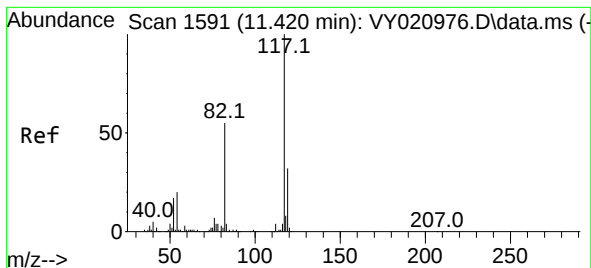
Tgt Ion:107 Resp: 30774
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.307 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 95 Resp: 149554
Ion Ratio Lower Upper
95 100
174 88.0 0.0 181.2
176 86.4 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

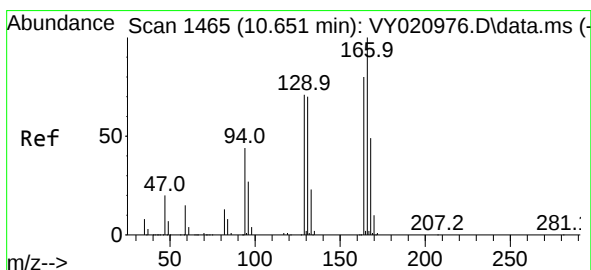
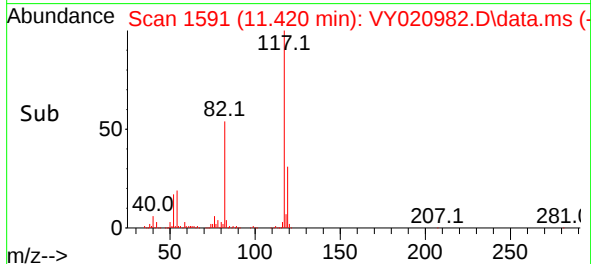
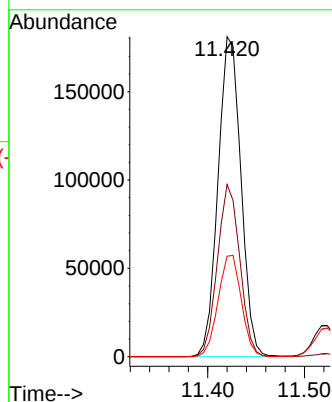
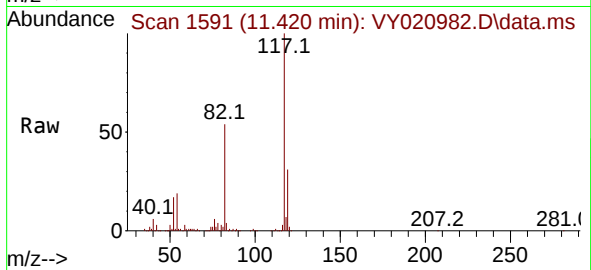
Tgt Ion:117 Resp: 298131

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 20.300 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Tgt Ion:164 Resp: 45652

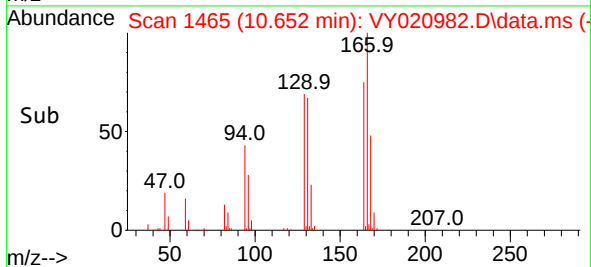
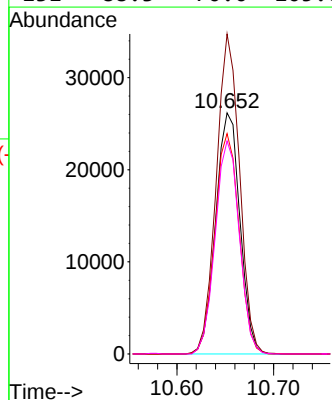
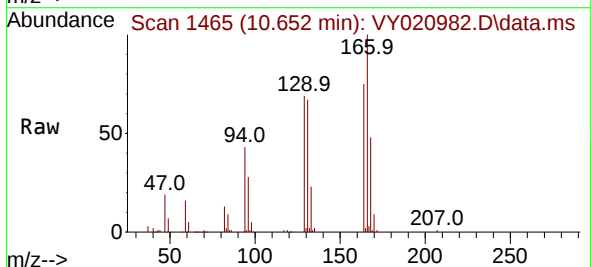
Ion Ratio Lower Upper

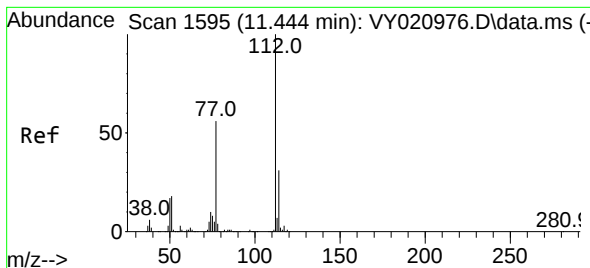
164 100

166 132.7 100.4 150.6

129 91.4 70.8 106.2

131 88.3 70.0 105.0





#65

Chlorobenzene

Concen: 20.525 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

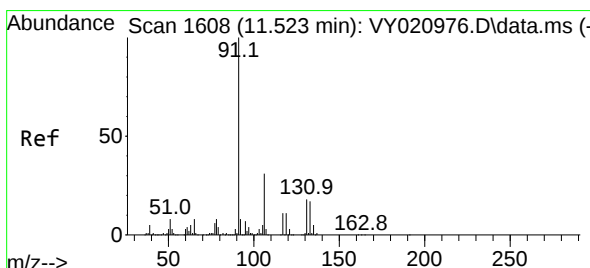
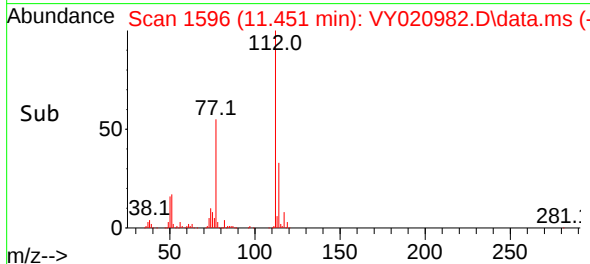
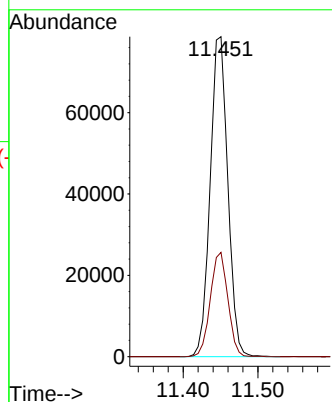
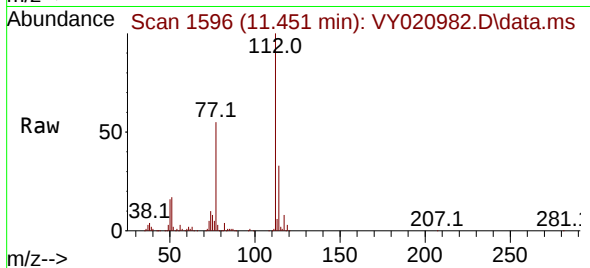
ClientSampleId :

Tgt Ion:112 Resp: 128924

Ion Ratio Lower Upper

112 100

114 32.6 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.261 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

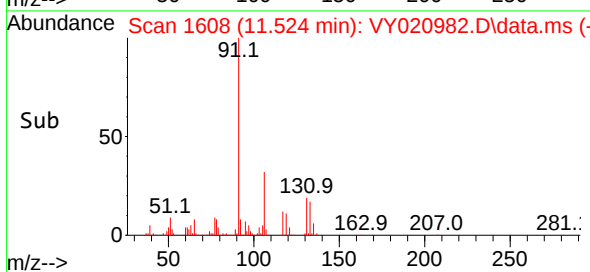
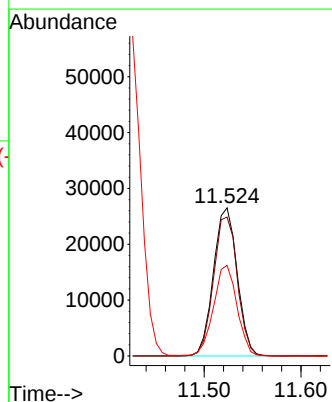
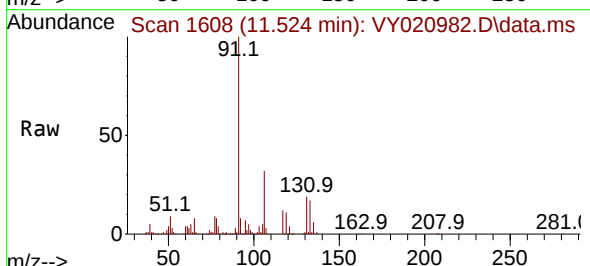
Tgt Ion:131 Resp: 45168

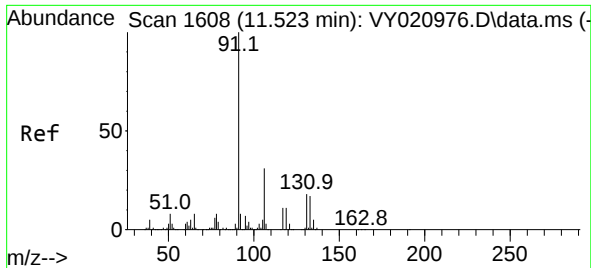
Ion Ratio Lower Upper

131 100

133 94.7 48.7 146.1

119 60.7 31.4 94.3





#67

Ethyl Benzene

Concen: 20.424 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

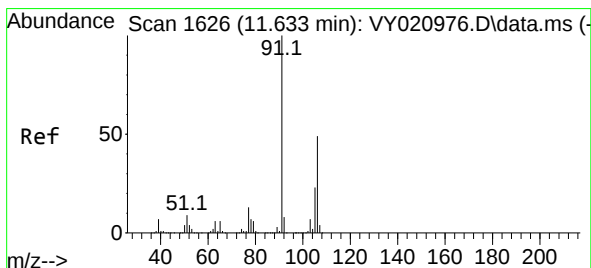
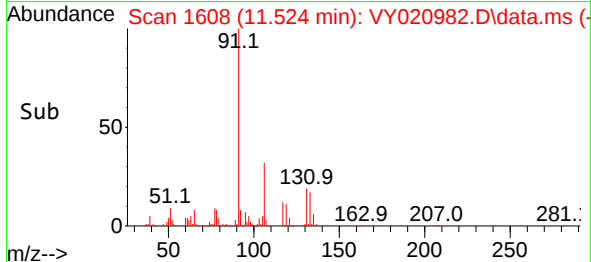
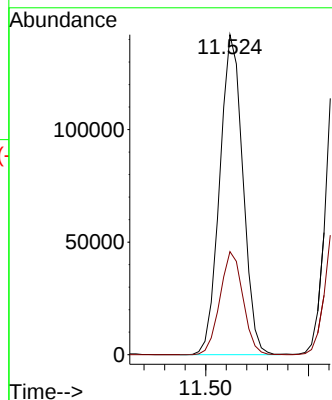
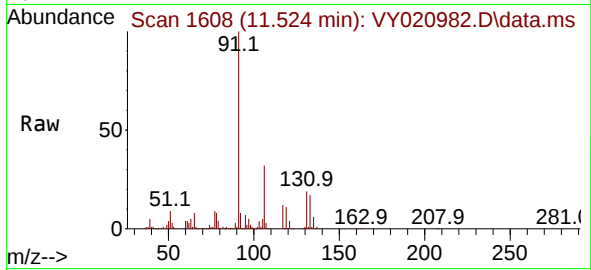
ClientSampleId :

Tgt Ion: 91 Resp: 222126

Ion Ratio Lower Upper

91 100

106 32.2 24.9 37.3



#68

m/p-Xylenes

Concen: 41.075 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020982.D

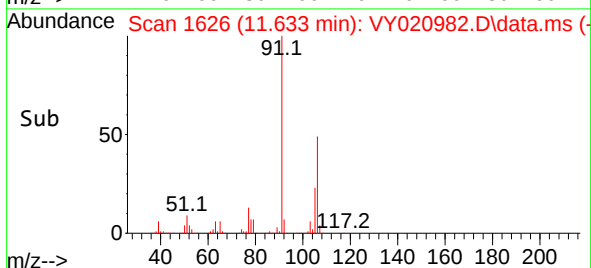
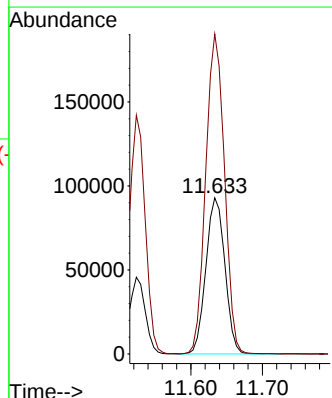
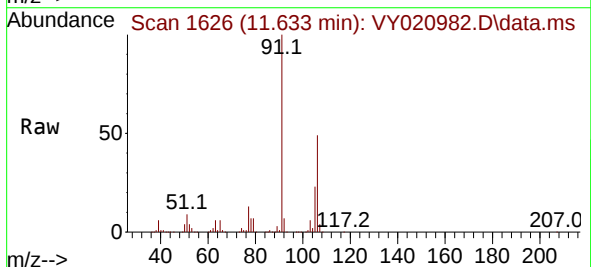
Acq: 30 Jan 2025 13:33

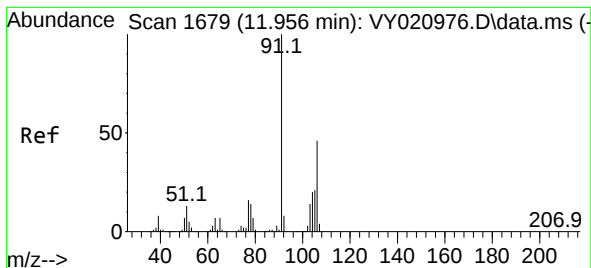
Tgt Ion: 106 Resp: 171630

Ion Ratio Lower Upper

106 100

91 202.0 160.0 240.0





#69

o-Xylene

Concen: 20.629 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

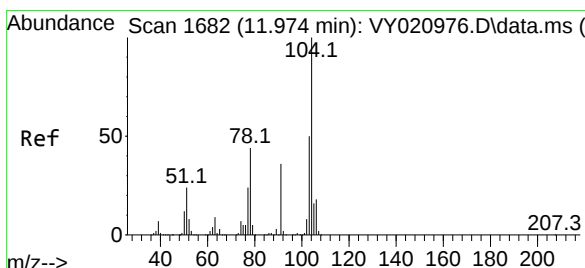
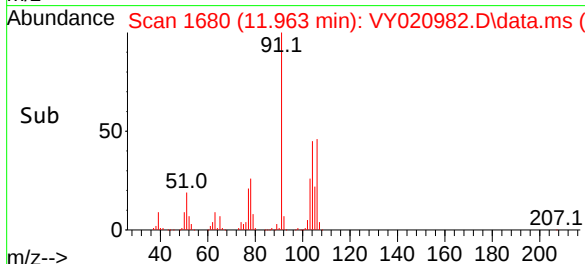
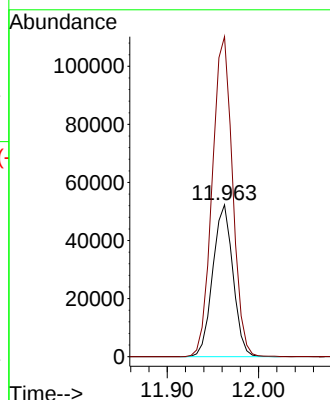
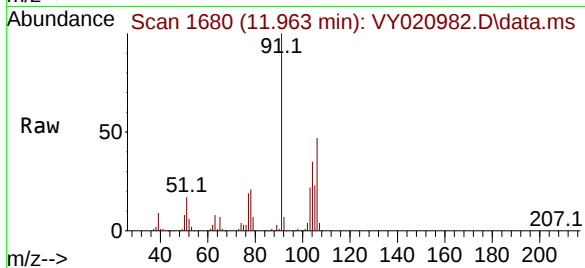
ClientSampleId :

Tgt Ion:106 Resp: 80130

Ion Ratio Lower Upper

106 100

91 212.1 105.8 317.6



#70

Styrene

Concen: 20.878 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

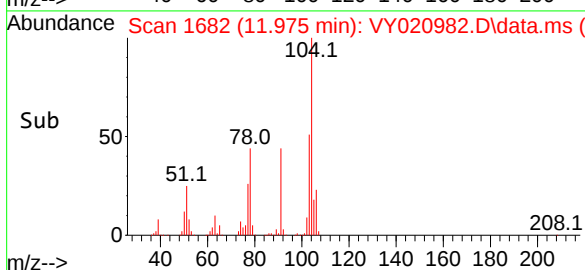
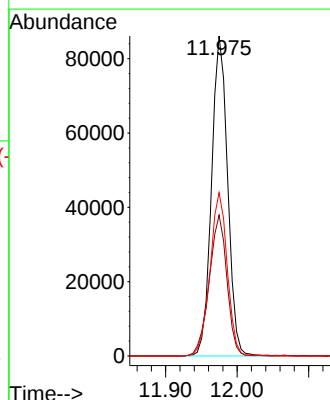
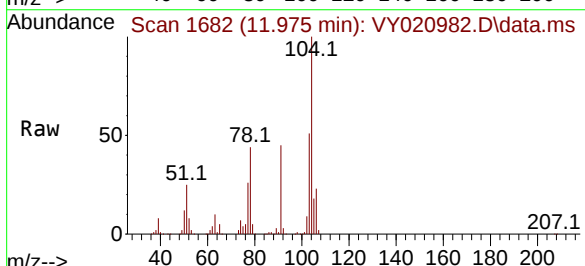
Tgt Ion:104 Resp: 134646

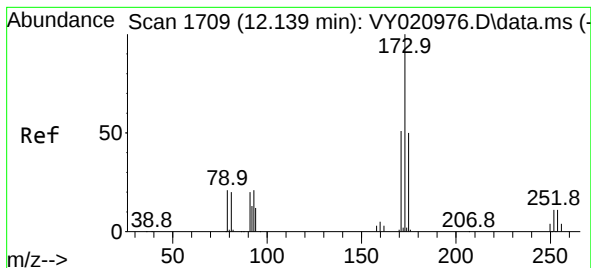
Ion Ratio Lower Upper

104 100

78 48.2 39.0 58.4

103 54.7 43.7 65.5





#71

Bromoform

Concen: 21.012 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

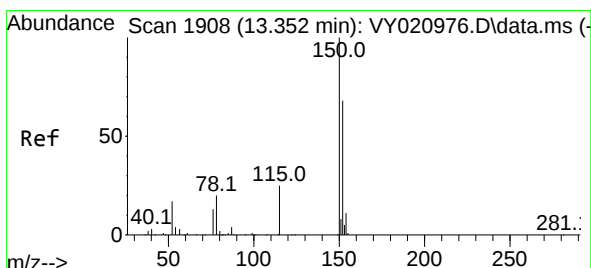
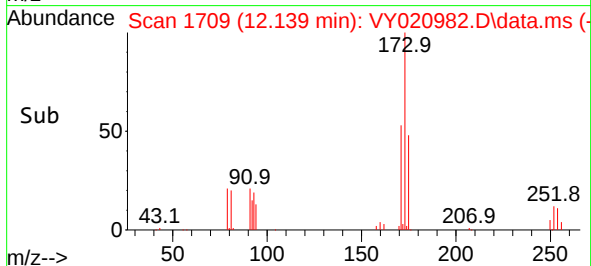
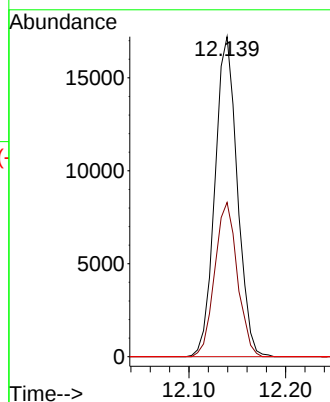
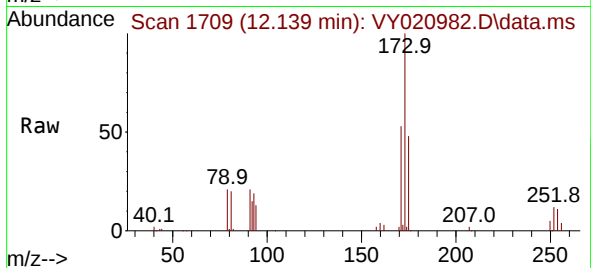
Tgt Ion:173 Resp: 27607

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

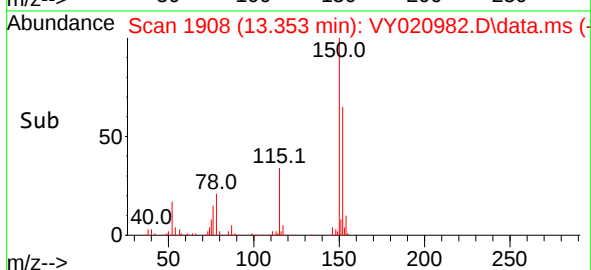
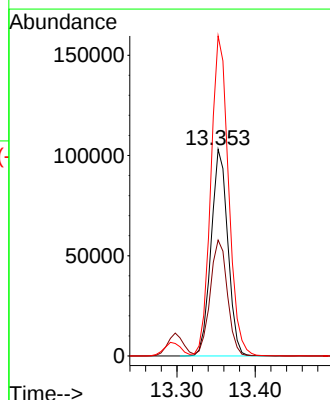
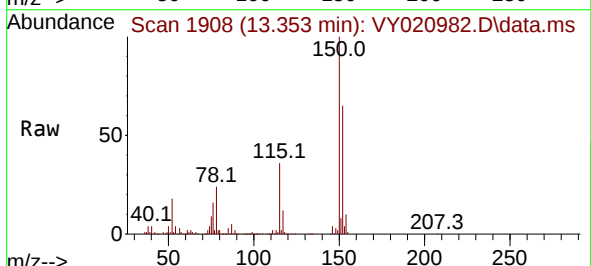
Tgt Ion:152 Resp: 152703

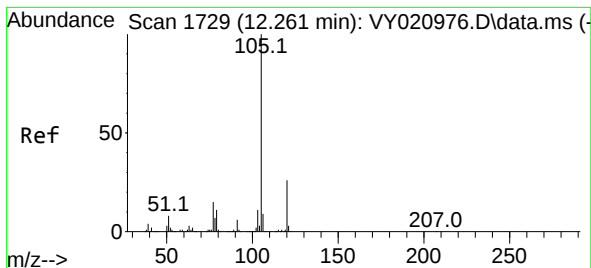
Ion Ratio Lower Upper

152 100

115 57.7 28.4 85.2

150 163.9 0.0 342.8





#73

Isopropylbenzene

Concen: 20.470 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

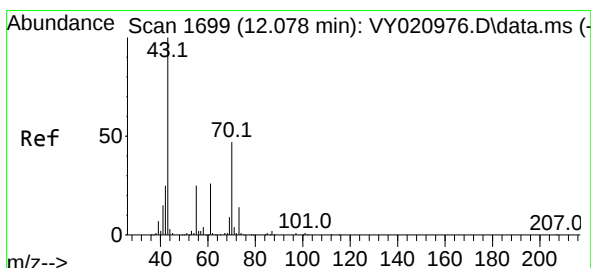
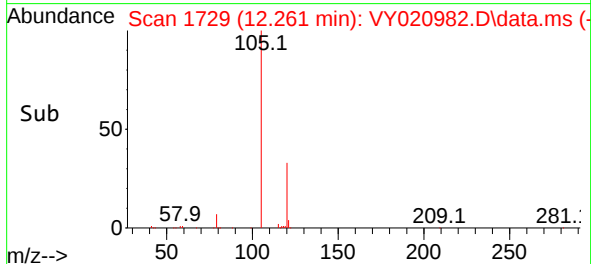
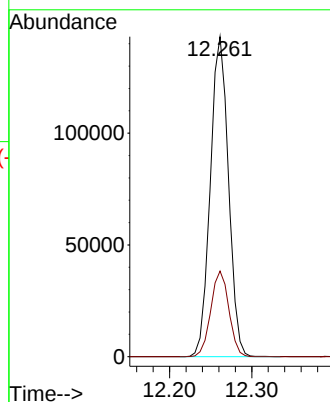
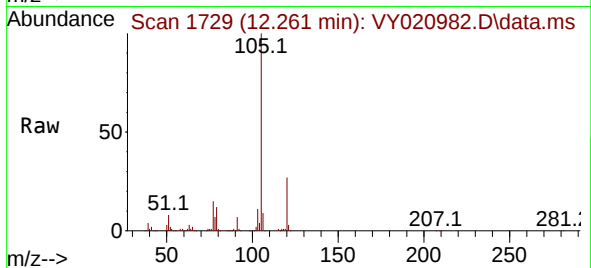
ClientSampleId :

Tgt Ion:105 Resp: 219529

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 20.456 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Tgt Ion: 43 Resp: 39949

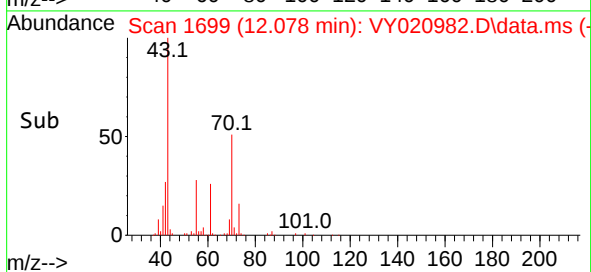
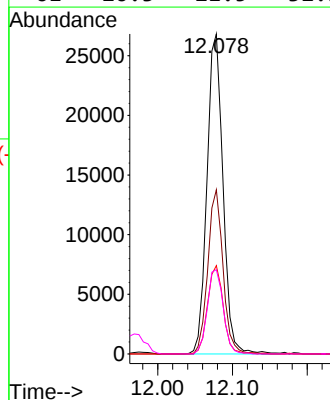
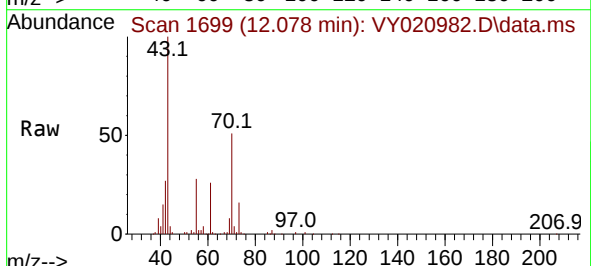
Ion Ratio Lower Upper

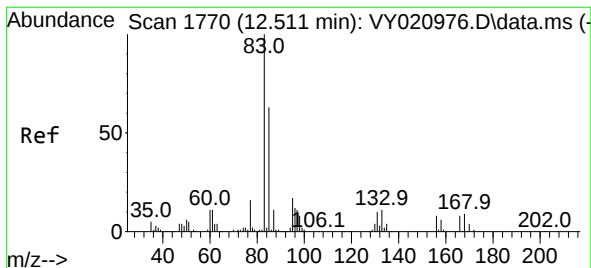
43 100

70 48.8 39.3 58.9

55 27.0 22.3 33.5

61 26.3 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.431 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

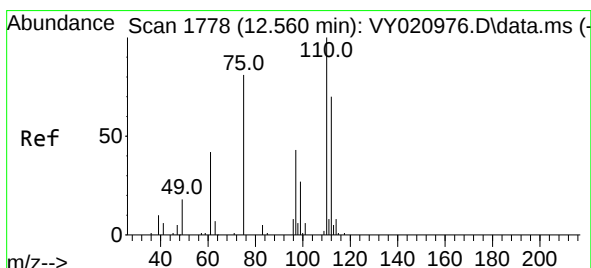
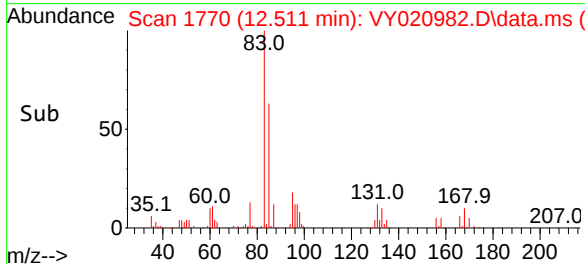
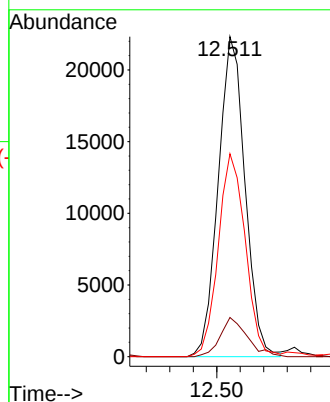
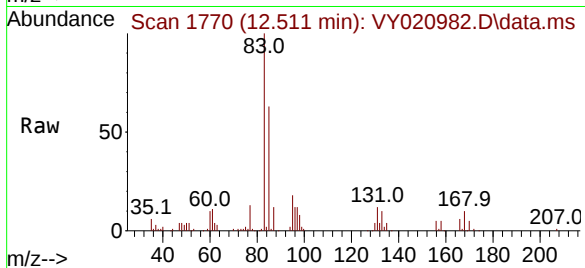
Tgt Ion: 83 Resp: 35370

Ion Ratio Lower Upper

83 100

131 12.3 5.7 17.1

85 64.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 38.332 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020982.D

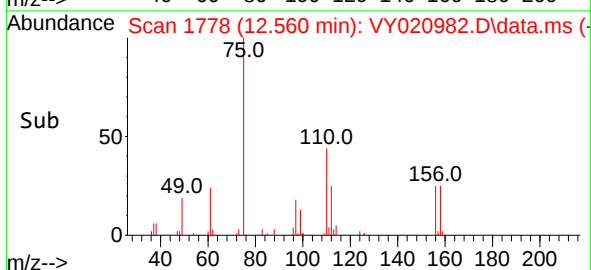
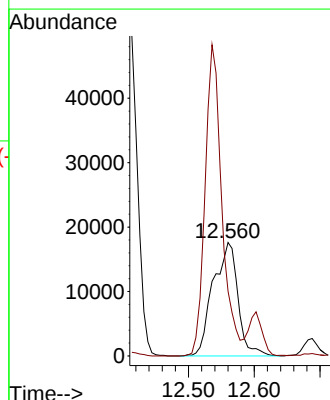
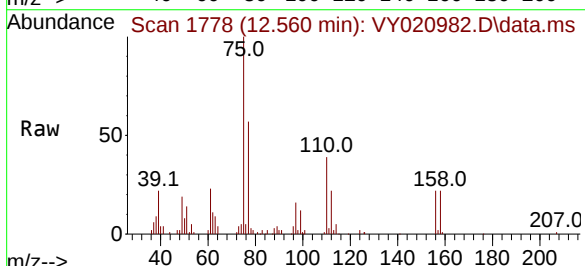
Acq: 30 Jan 2025 13:33

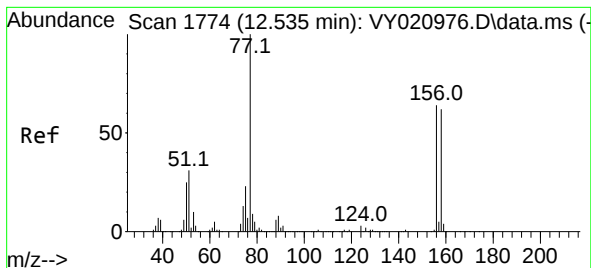
Tgt Ion: 75 Resp: 46337

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.514 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020982.D

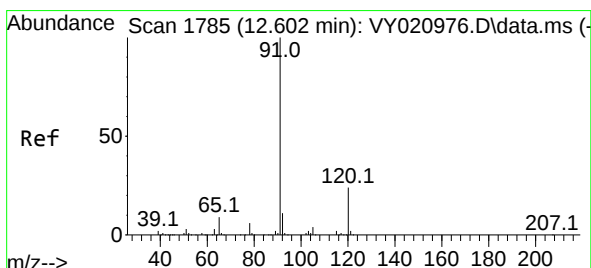
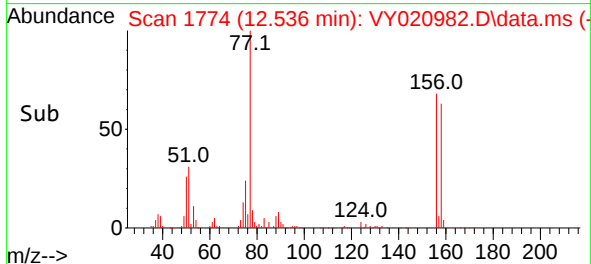
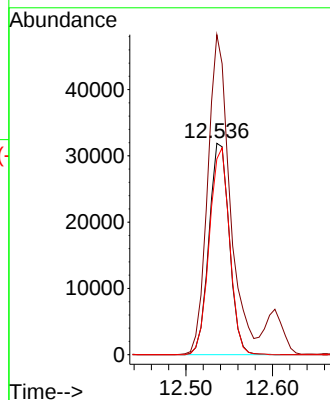
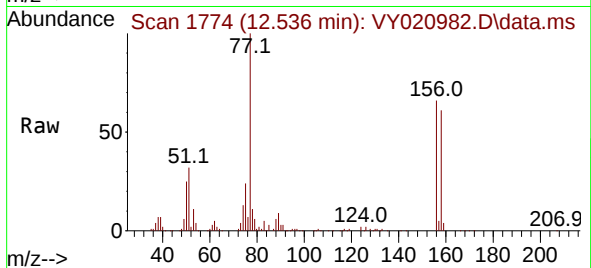
Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	52160
Ion Ratio	Lower	Upper	
156	100		
77	164.1	83.3	249.9
158	97.0	48.3	144.9



#78

n-propylbenzene

Concen: 20.452 ug/l

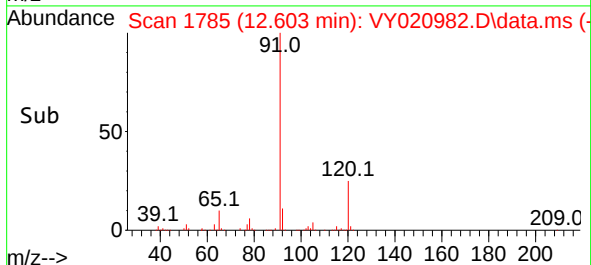
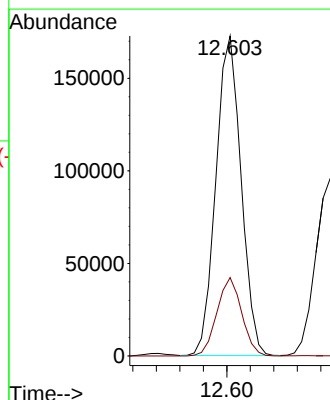
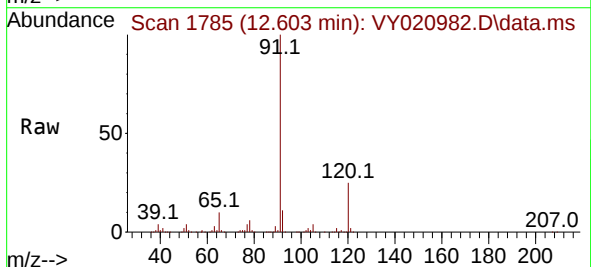
RT: 12.603 min Scan# 1785

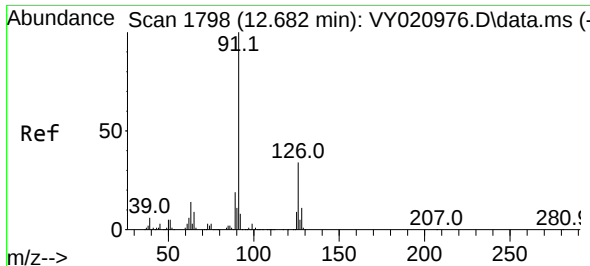
Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Tgt Ion:	91	Resp:	257061
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.8	35.4





#79

2-Chlorotoluene

Concen: 20.334 ug/l

RT: 12.688 min Scan# 1798

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

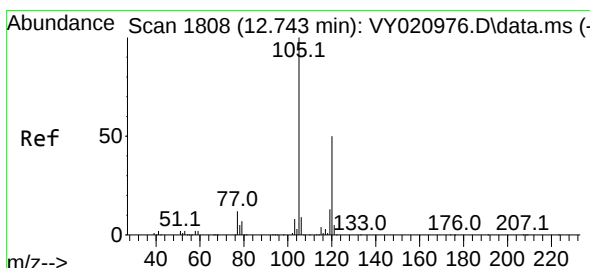
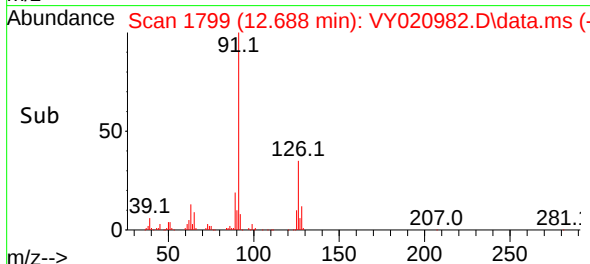
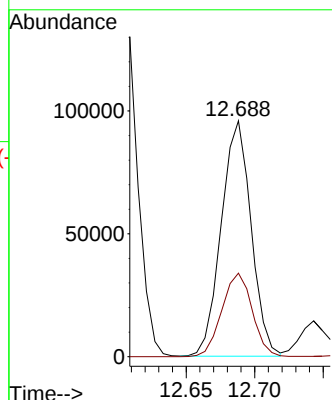
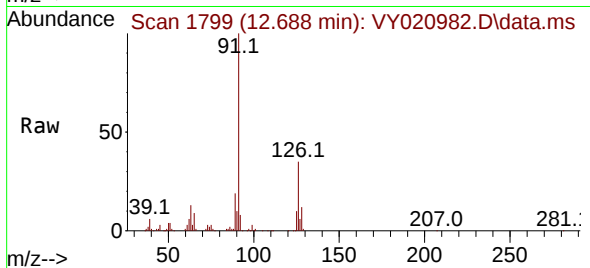
ClientSampleId :

Tgt Ion: 91 Resp: 145616

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 20.532 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020982.D

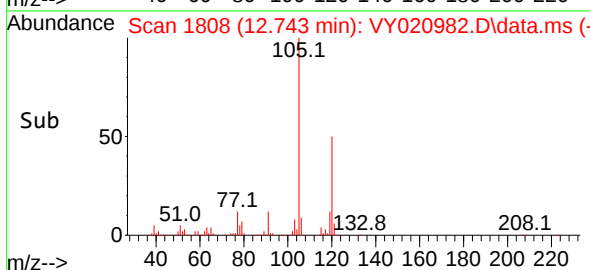
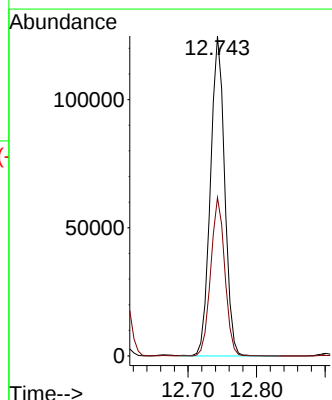
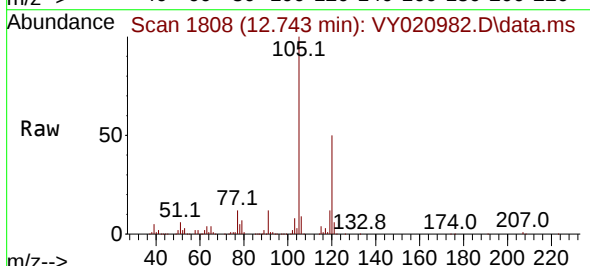
Acq: 30 Jan 2025 13:33

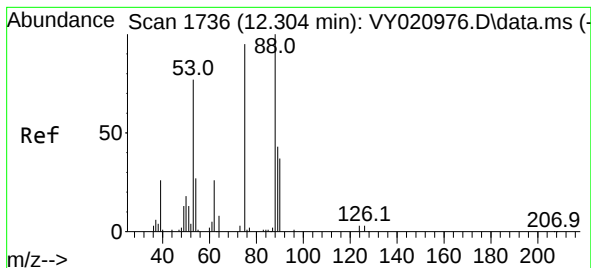
Tgt Ion: 105 Resp: 180405

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.9

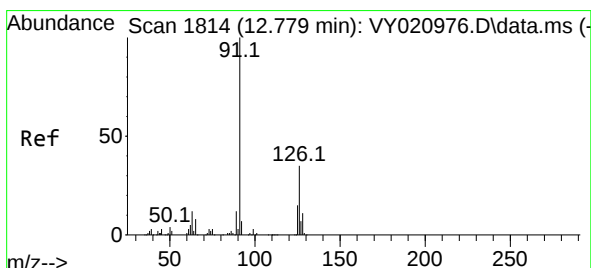
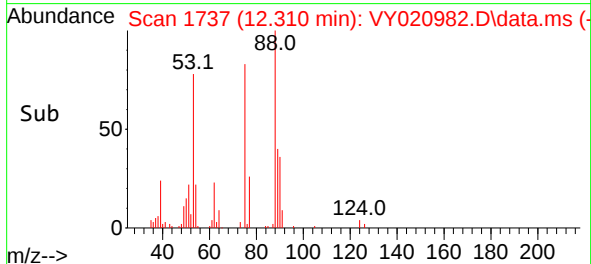
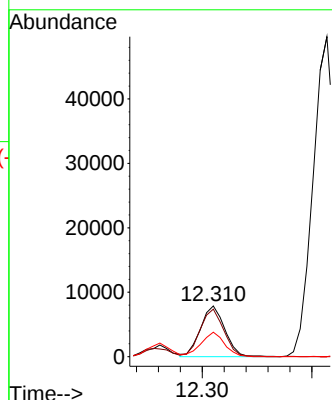
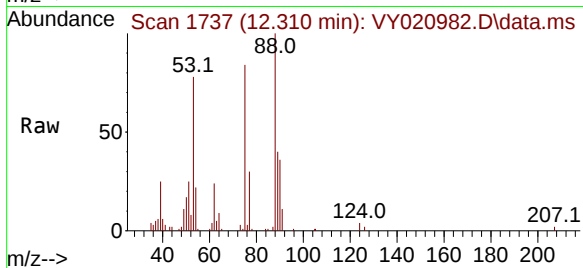




#81
trans-1,4-Dichloro-2-butene
Concen: 20.773 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

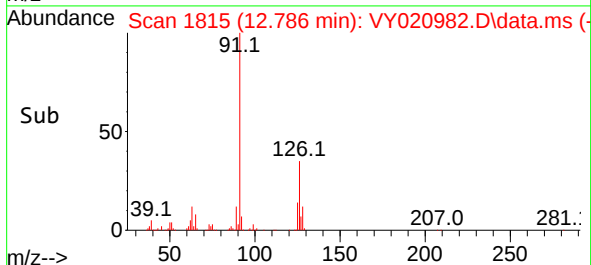
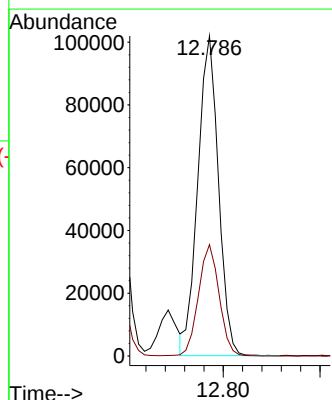
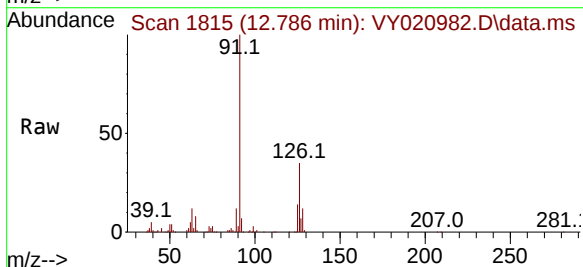
Instrument :
MSVOA_Y
ClientSampleId :

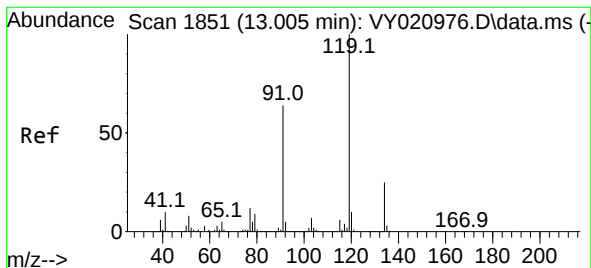
Tgt Ion: 75 Resp: 12097
Ion Ratio Lower Upper
75 100
53 91.9 68.6 103.0
89 46.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.598 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.007 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion: 91 Resp: 150967
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.126 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

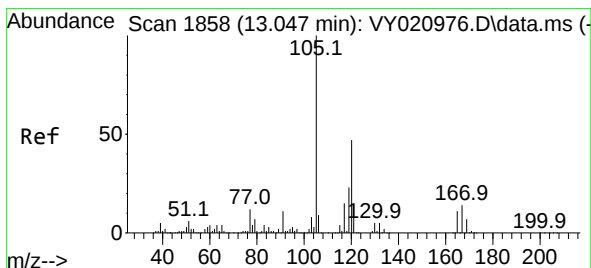
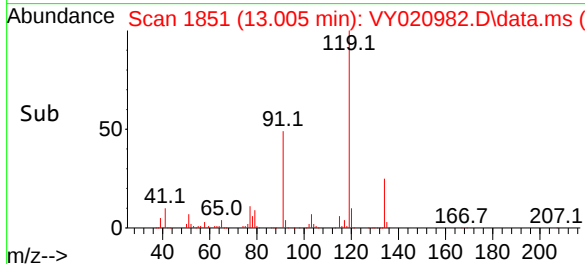
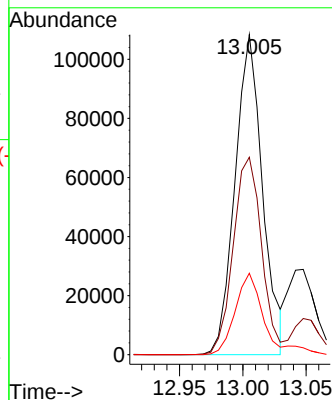
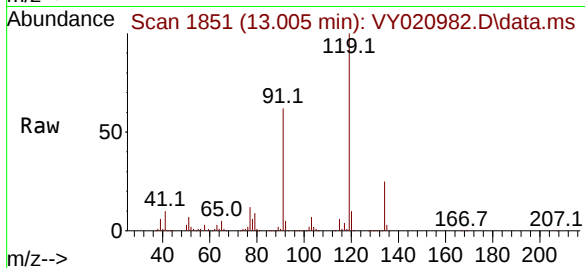
Tgt Ion:119 Resp: 164004

Ion Ratio Lower Upper

119 100

91 63.5 31.4 94.0

134 26.7 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.852 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020982.D

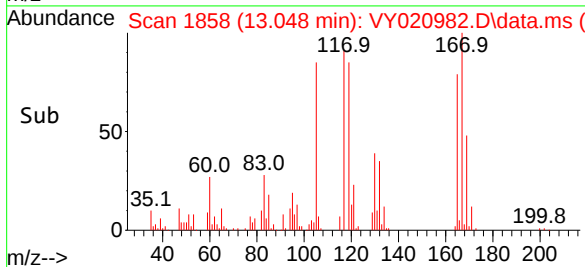
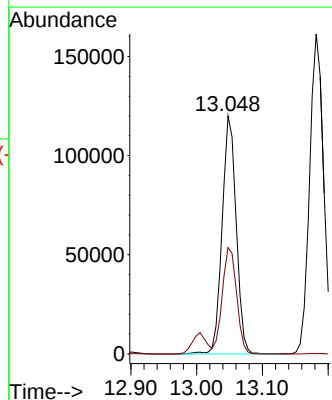
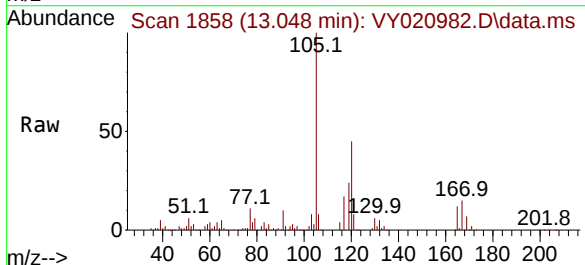
Acq: 30 Jan 2025 13:33

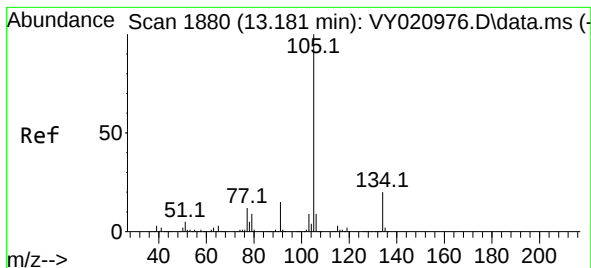
Tgt Ion:105 Resp: 178971

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.0





#85

sec-Butylbenzene

Concen: 20.646 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

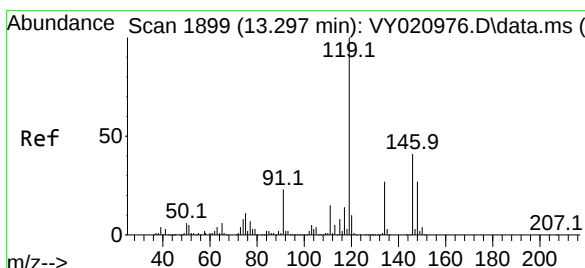
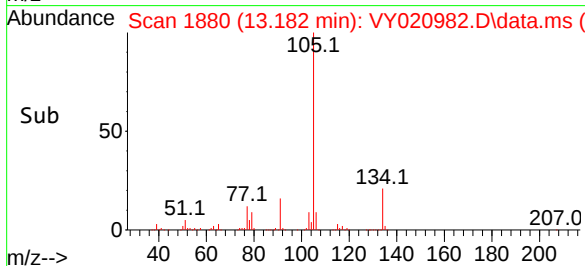
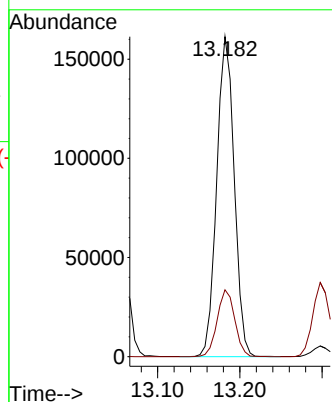
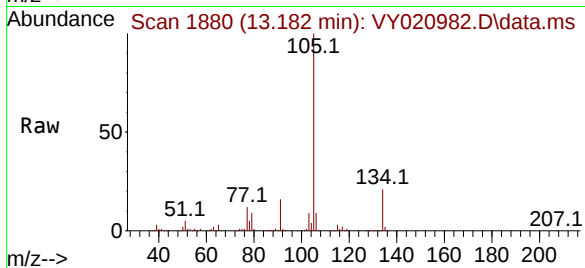
ClientSampleId :

Tgt Ion:105 Resp: 238194

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 20.735 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

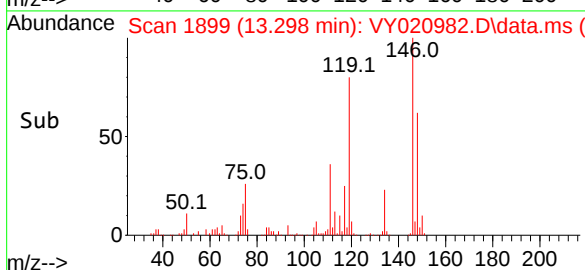
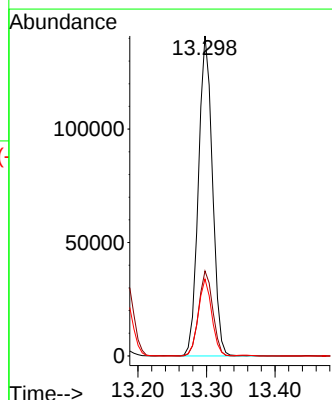
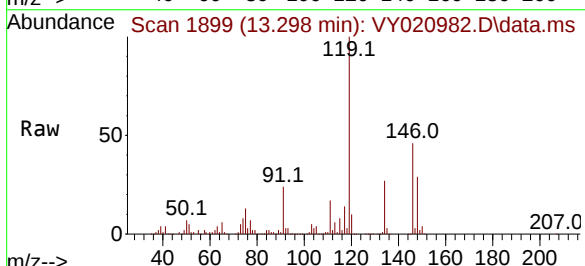
Tgt Ion:119 Resp: 201033

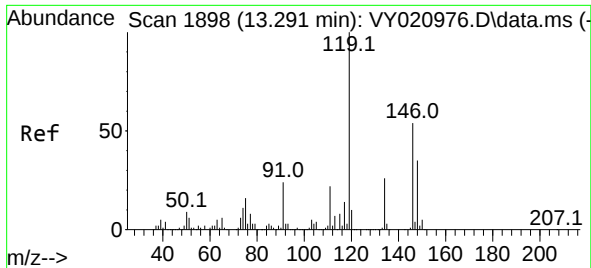
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 23.3 11.5 34.5

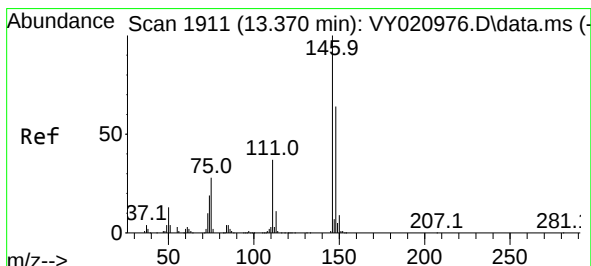
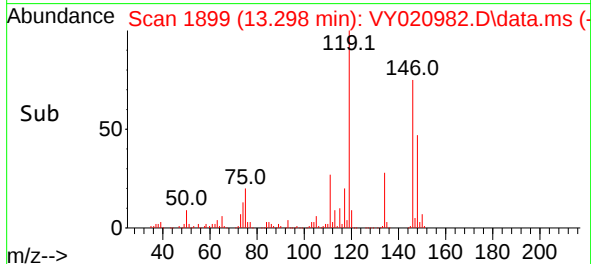
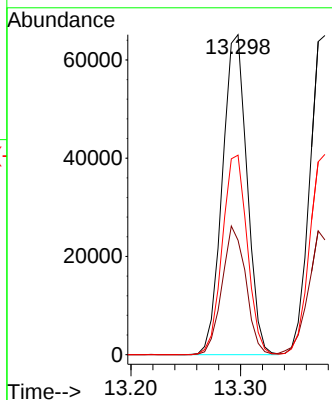
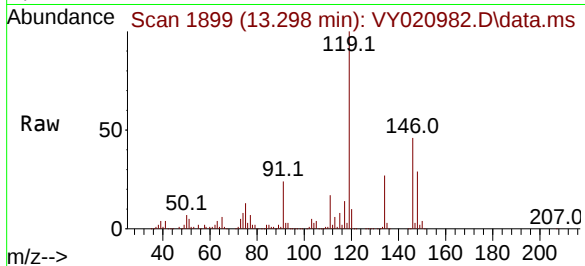




#87
1,3-Dichlorobenzene
Concen: 20.541 ug/l
RT: 13.298 min Scan# 1898
Delta R.T. 0.007 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

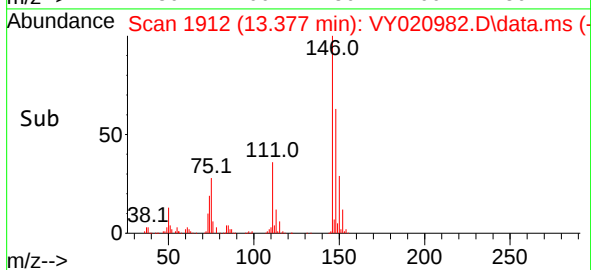
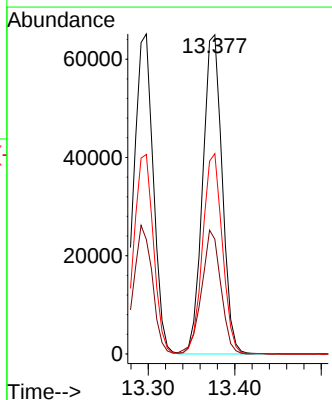
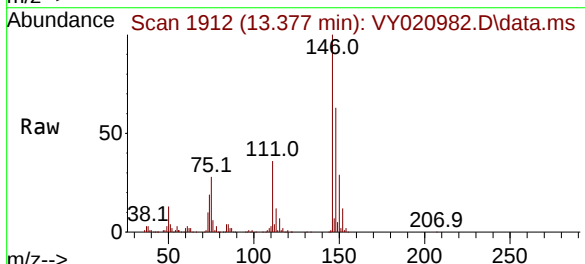
Instrument :
MSVOA_Y
ClientSampleId :

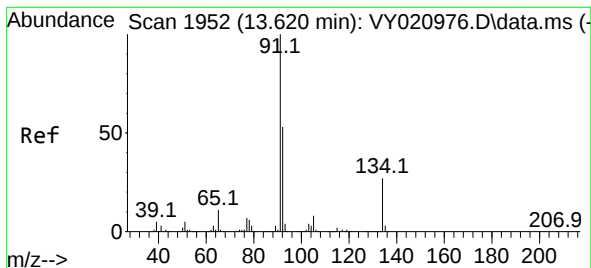
Tgt Ion:146 Resp: 101841
Ion Ratio Lower Upper
146 100
111 38.8 19.7 59.1
148 62.8 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 20.578 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.007 min
Lab File: VY020982.D
Acq: 30 Jan 2025 13:33

Tgt Ion:146 Resp: 101308
Ion Ratio Lower Upper
146 100
111 38.5 19.0 57.0
148 63.7 31.6 95.0





#89

n-Butylbenzene

Concen: 20.376 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

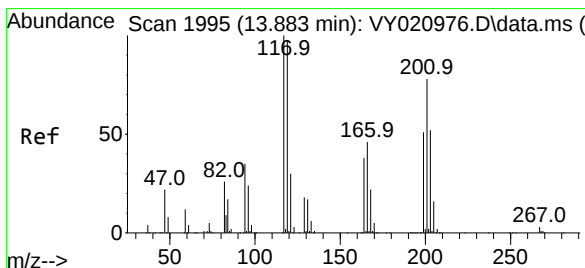
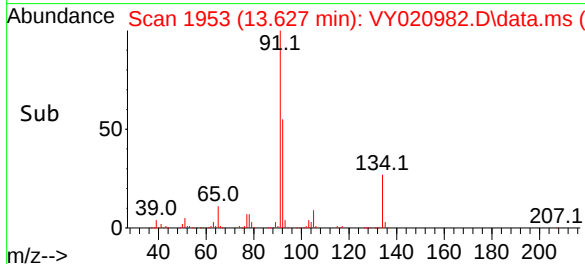
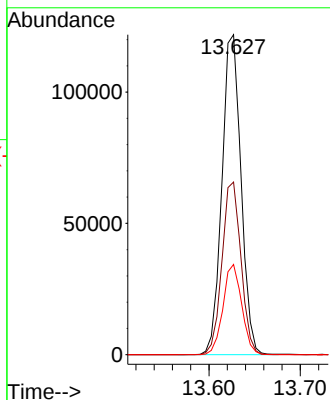
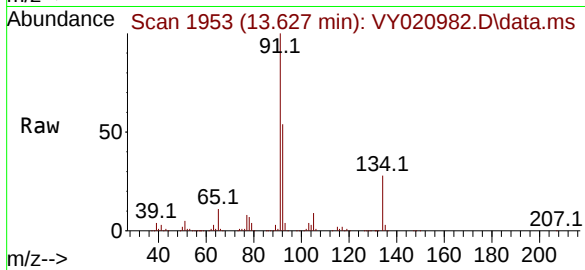
Tgt Ion: 91 Resp: 176954

Ion Ratio Lower Upper

91 100

92 53.8 26.7 80.1

134 27.7 13.7 41.1



#90

Hexachloroethane

Concen: 19.585 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.007 min

Lab File: VY020982.D

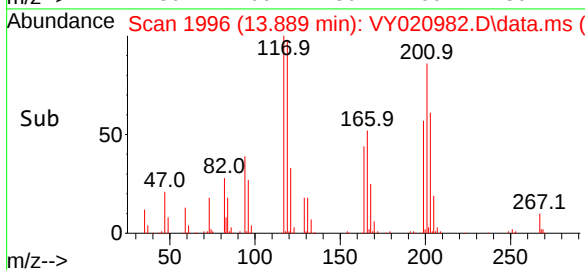
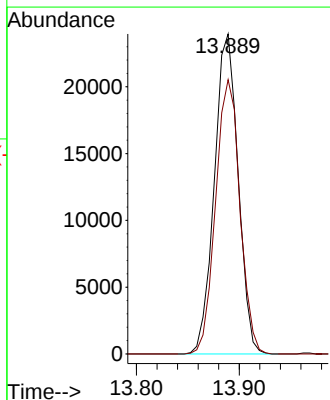
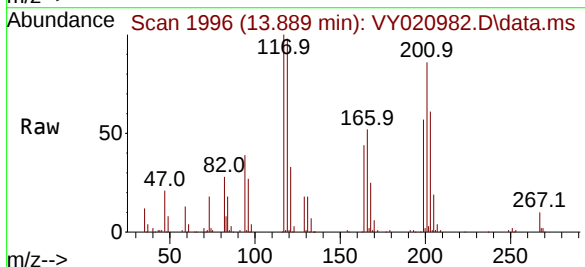
Acq: 30 Jan 2025 13:33

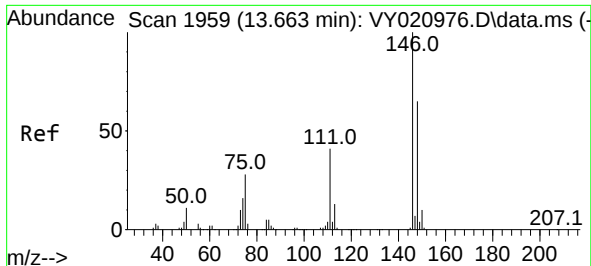
Tgt Ion: 117 Resp: 38415

Ion Ratio Lower Upper

117 100

201 87.4 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 20.858 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

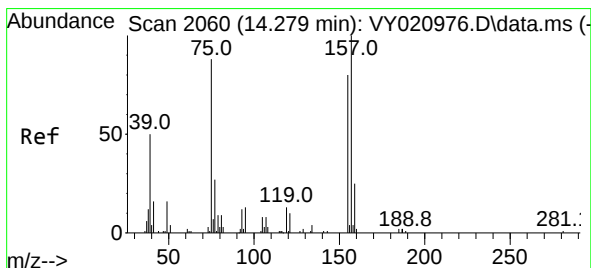
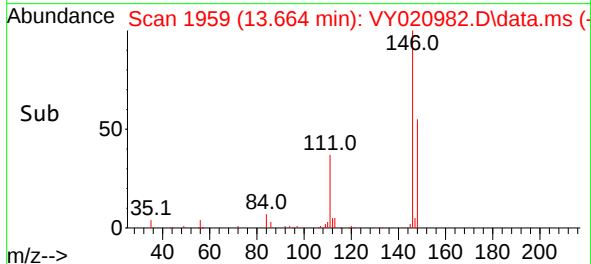
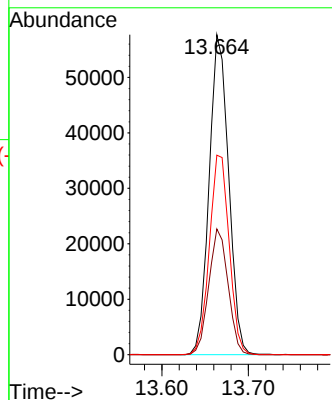
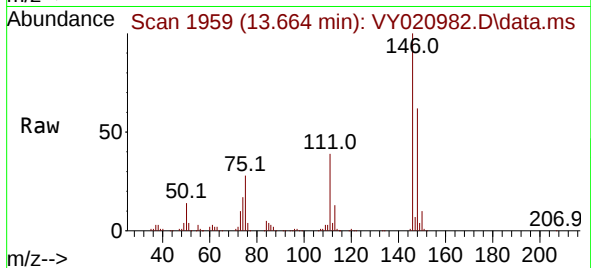
Tgt Ion:146 Resp: 90178

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.8

148 63.3 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.167 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

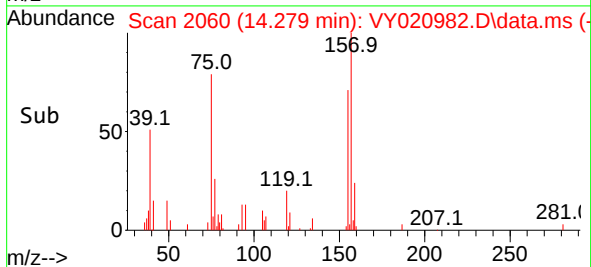
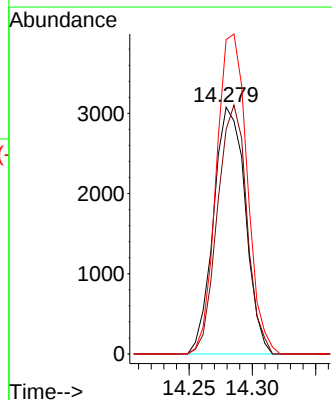
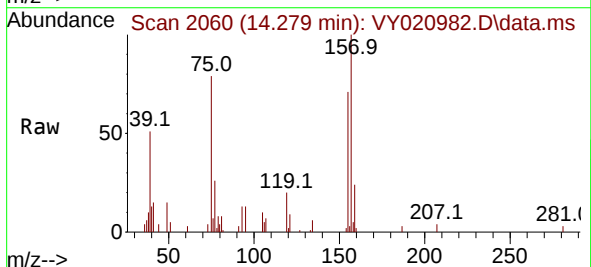
Tgt Ion: 75 Resp: 5375

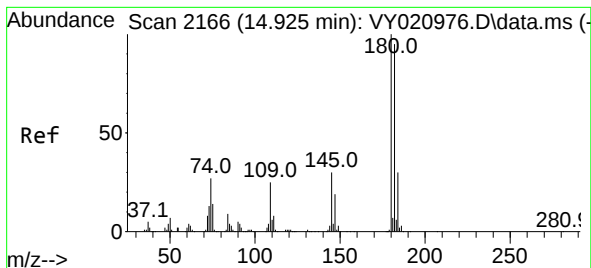
Ion Ratio Lower Upper

75 100

155 93.1 45.9 137.6

157 125.1 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 19.582 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

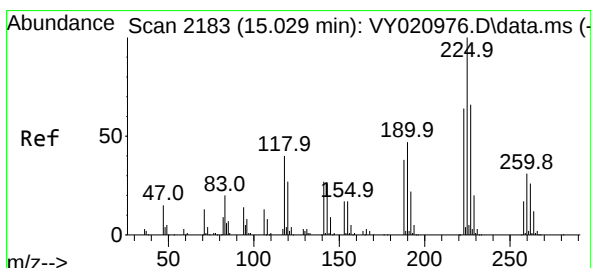
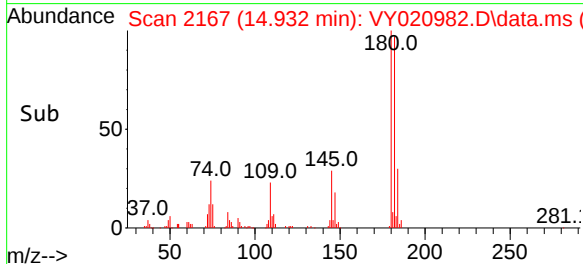
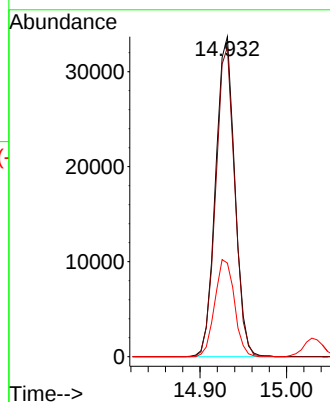
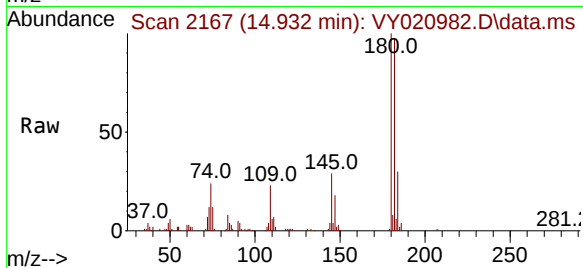
Tgt Ion:180 Resp: 51836

Ion Ratio Lower Upper

180 100

182 95.8 48.3 144.8

145 31.0 15.3 45.8



#94

Hexachlorobutadiene

Concen: 19.766 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.007 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

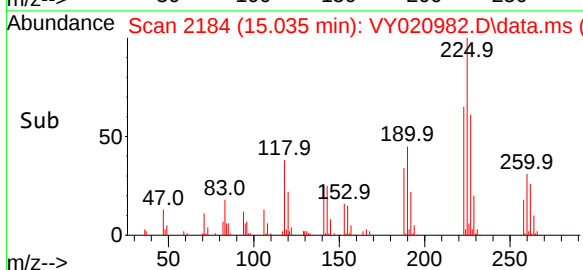
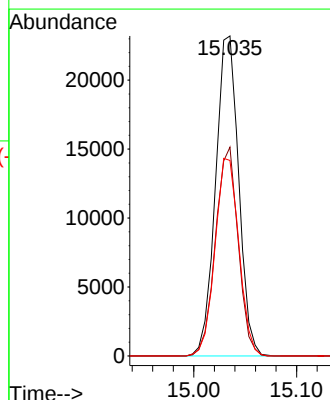
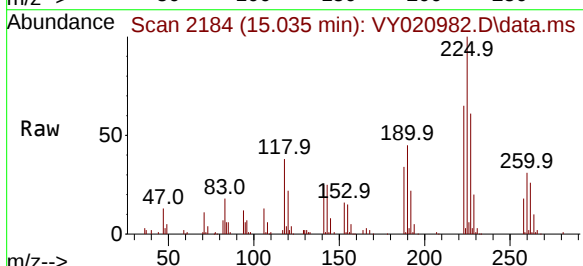
Tgt Ion:225 Resp: 36239

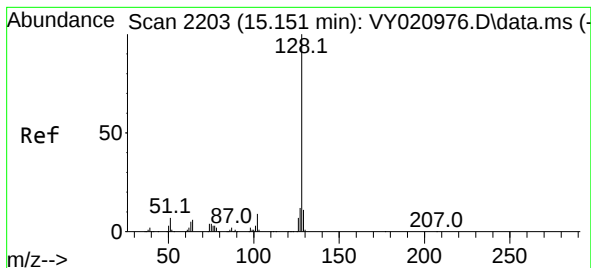
Ion Ratio Lower Upper

225 100

223 64.0 31.4 94.2

227 63.7 31.8 95.3





#95

Naphthalene

Concen: 20.820 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020982.D

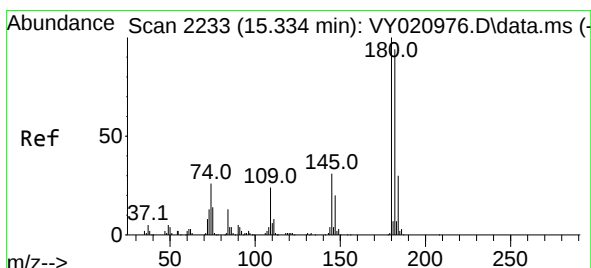
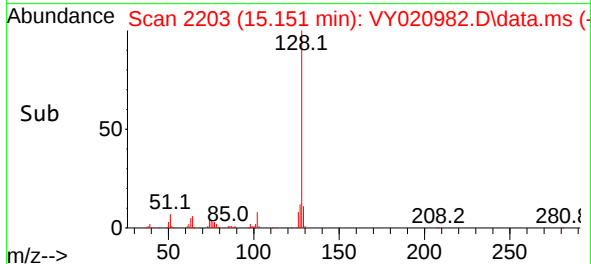
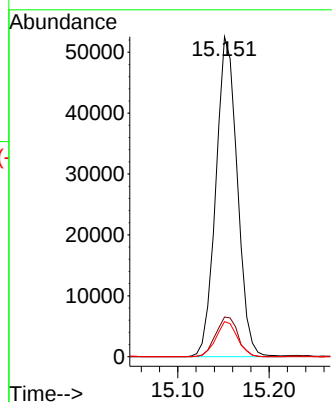
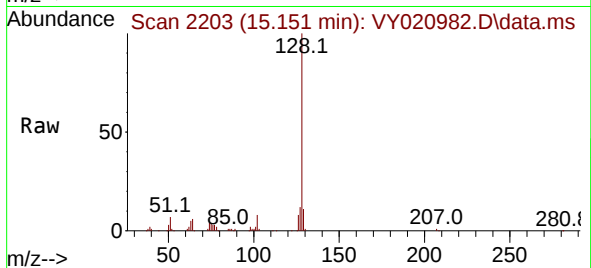
Acq: 30 Jan 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	85603
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.2 15.4
129	11.0	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.168 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020982.D

Acq: 30 Jan 2025 13:33

Tgt Ion:180	Resp:	44028
Ion Ratio	Lower	Upper
180	100	
182	97.2	47.7 143.1
145	32.4	15.6 46.7

