

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021342.D
 Acq On : 26 Feb 2025 19:21
 Operator : SY/MD
 Sample : Q1380-07MS
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-725-727MS

Quant Time: Feb 27 00:42:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	157236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	260195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	210847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	76053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72971	40.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.820%
35) Dibromofluoromethane	7.634	113	68031	39.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.760%
50) Toluene-d8	10.109	98	240193	36.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.860%
62) 4-Bromofluorobenzene	12.407	95	69748	31.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	61061	40.959	ug/l	97
3) Chloromethane	2.068	50	75807	39.374	ug/l	96
4) Vinyl Chloride	2.202	62	78401	41.488	ug/l	96
5) Bromomethane	2.598	94	51516	41.023	ug/l	97
6) Chloroethane	2.732	64	50624	43.200	ug/l	100
7) Trichlorofluoromethane	3.062	101	121867	42.702	ug/l	96
8) Diethyl Ether	3.452	74	36706	42.853	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	66141	40.030	ug/l	100
10) Methyl Iodide	4.000	142	77342	44.492	ug/l	99
11) Tert butyl alcohol	4.848	59	21669	157.938	ug/l	99
12) 1,1-Dichloroethene	3.787	96	66249	41.875	ug/l	96
13) Acrolein	3.653	56	4021	38.245	ug/l	94
14) Allyl chloride	4.385	41	116238	41.440	ug/l	98
15) Acrylonitrile	5.055	53	78167	206.399	ug/l	98
16) Acetone	3.866	43	66220	193.537	ug/l	96
17) Carbon Disulfide	4.104	76	223679	42.578	ug/l	100
18) Methyl Acetate	4.385	43	34298	41.017	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	179116	42.851	ug/l	100
20) Methylene Chloride	4.616	84	81543	44.072	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	72991	41.909	ug/l	99
22) Diisopropyl ether	6.018	45	253120	43.608	ug/l	99
23) Vinyl Acetate	5.957	43	720641	207.762	ug/l	100
24) 1,1-Dichloroethane	5.915	63	141491	43.249	ug/l	99
25) 2-Butanone	6.896	43	97484	188.778	ug/l	97
26) 2,2-Dichloropropane	6.884	77	116141	39.124	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	86167	43.326	ug/l	97
28) Bromochloromethane	7.244	49	57642	39.820	ug/l	97
29) Tetrahydrofuran	7.256	42	65801	194.942	ug/l	99
30) Chloroform	7.421	83	144111	43.472	ug/l	98
31) Cyclohexane	7.701	56	101332	32.222	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	128495	42.585	ug/l	98
36) 1,1-Dichloropropene	7.835	75	97595	38.087	ug/l	100
37) Ethyl Acetate	6.982	43	46381	36.388	ug/l	99
38) Carbon Tetrachloride	7.817	117	112360	39.004	ug/l	99
39) Methylcyclohexane	9.109	83	75862	23.407	ug/l	98
40) Benzene	8.079	78	305903	40.385	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	21421	30.058	ug/l #	77
42) 1,2-Dichloroethane	8.158	62	88913	41.373	ug/l	99
43) Isopropyl Acetate	8.195	43	93368	37.845	ug/l	98
44) Trichloroethene	8.865	130	72832	38.405	ug/l	98
45) 1,2-Dichloropropane	9.140	63	74364	40.795	ug/l	95
46) Dibromomethane	9.231	93	41712	41.862	ug/l	99
47) Bromodichloromethane	9.426	83	110838	41.719	ug/l	96
48) Methyl methacrylate	9.219	41	44133	38.254	ug/l	96
49) 1,4-Dioxane	9.231	88	8526	769.549	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	231679	183.451	ug/l	100
52) Toluene	10.170	92	183630	39.024	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	94800	38.946	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	112176	39.037	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	53062	40.878	ug/l	98
56) Ethyl methacrylate	10.438	69	69781	38.906	ug/l	100
57) 1,3-Dichloropropane	10.713	76	93102	40.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	5592	6.496	ug/l	99
59) 2-Hexanone	10.761	43	149683	180.470	ug/l	100
60) Dibromochloromethane	10.908	129	71421	40.400	ug/l	99
61) 1,2-Dibromoethane	11.017	107	50162	40.819	ug/l	99
64) Tetrachloroethene	10.646	164	57467	36.059	ug/l	96
65) Chlorobenzene	11.438	112	182843	38.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	70727	42.677	ug/l	99
67) Ethyl Benzene	11.517	91	314620	37.529	ug/l	100
68) m/p-Xylenes	11.627	106	228225	72.376	ug/l	100
69) o-Xylene	11.950	106	111364	37.699	ug/l	99
70) Styrene	11.969	104	126425	25.722	ug/l	95
71) Bromoform	12.133	173	39491	41.654	ug/l #	99
73) Isopropylbenzene	12.255	105	253772	44.384	ug/l	99
74) N-amyl acetate	12.072	43	76847	52.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	57034	56.521	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	70100	92.085	ug/l #	100
77) Bromobenzene	12.529	156	65189	49.018	ug/l	100
78) n-propylbenzene	12.596	91	264648	38.144	ug/l	100
79) 2-Chlorotoluene	12.682	91	170166	42.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	174002	37.106	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17347	50.649	ug/l	95
82) 4-Chlorotoluene	12.779	91	166815	40.414	ug/l	99
83) tert-Butylbenzene	12.999	119	154167	36.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	176279	37.797	ug/l	99
85) sec-Butylbenzene	13.176	105	176198	28.477	ug/l	99
86) p-Isopropyltoluene	13.291	119	143404	27.756	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	88665	33.704	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	90233	34.721	ug/l	98
89) n-Butylbenzene	13.615	91	100472	20.665	ug/l	99
90) Hexachloroethane	13.883	117	32849	30.438	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	83694	36.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8068	50.542	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	18559	13.193	ug/l	95
94) Hexachlorobutadiene	15.023	225	8471	9.565	ug/l	97
95) Naphthalene	15.145	128	53429	22.930	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	16632	13.994	ug/l	95

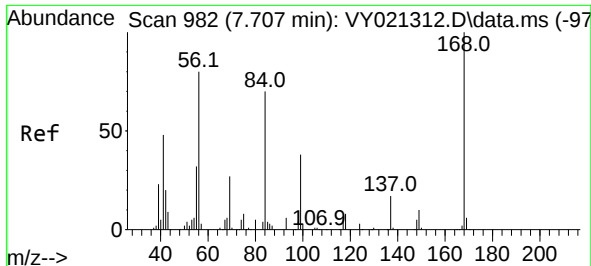
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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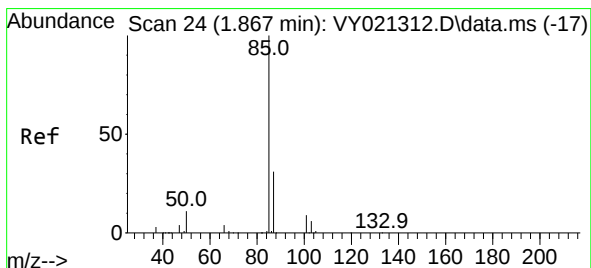
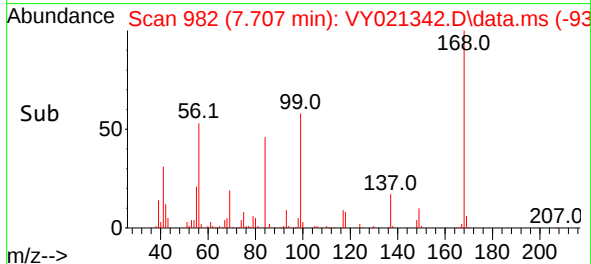
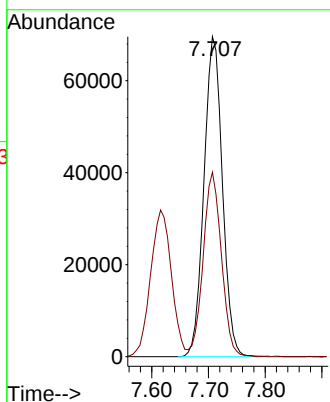
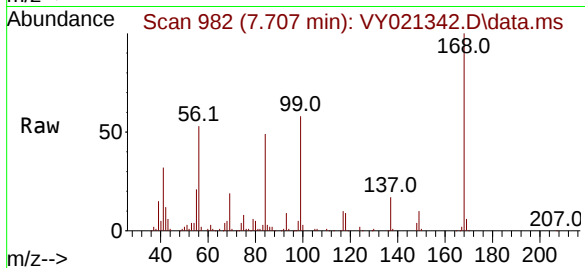
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021342.D
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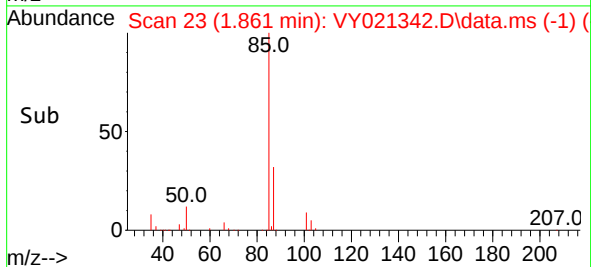
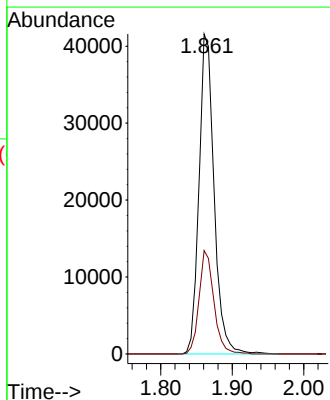
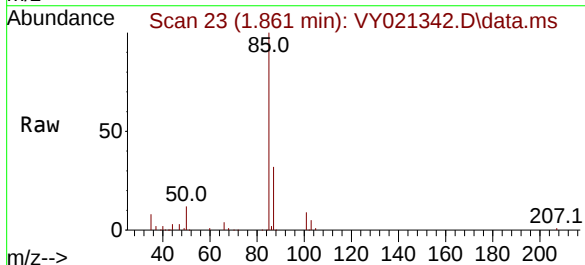
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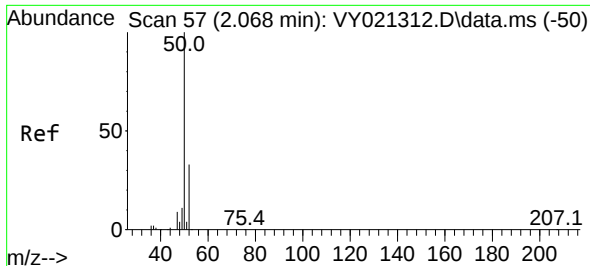
Tgt Ion:168 Resp: 157236
Ion Ratio Lower Upper
168 100
99 57.5 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 40.959 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 85 Resp: 61061
Ion Ratio Lower Upper
85 100
87 32.3 15.4 46.4

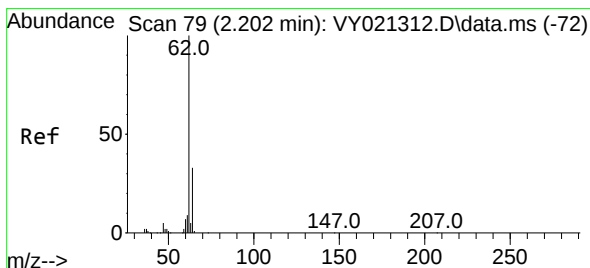
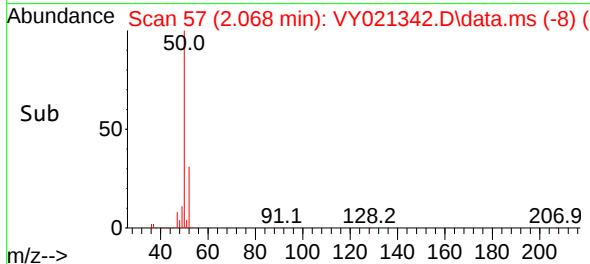
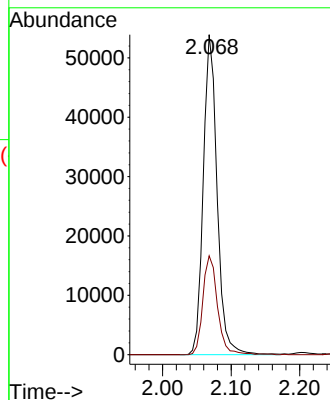
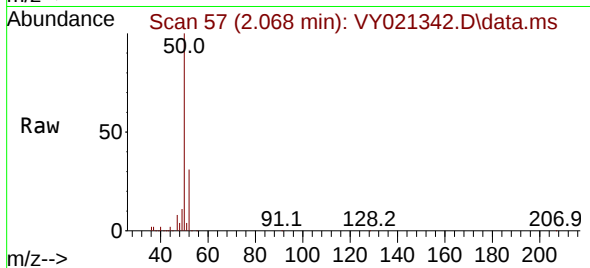




#3
Chloromethane
Concen: 39.374 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

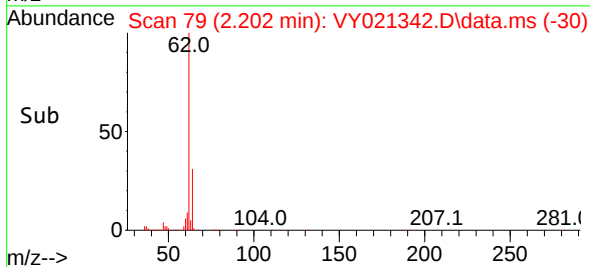
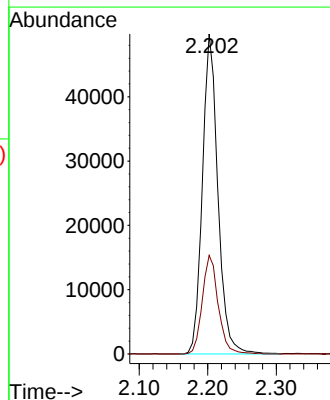
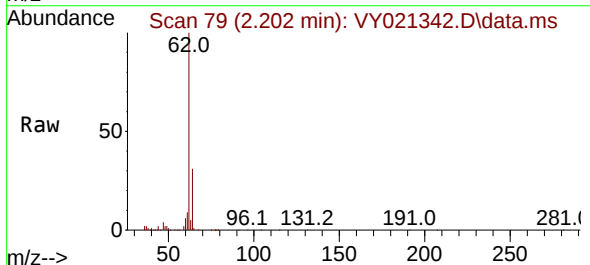
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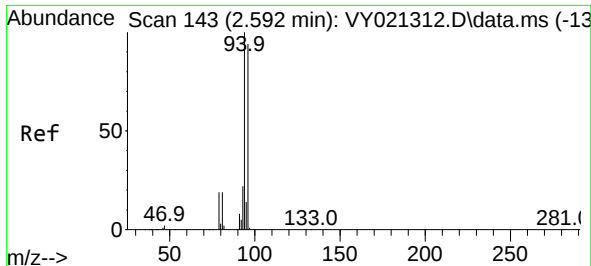
Tgt Ion: 50 Resp: 75807
Ion Ratio Lower Upper
50 100
52 30.9 26.6 40.0



#4
Vinyl Chloride
Concen: 41.488 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 62 Resp: 78401
Ion Ratio Lower Upper
62 100
64 30.8 26.3 39.5

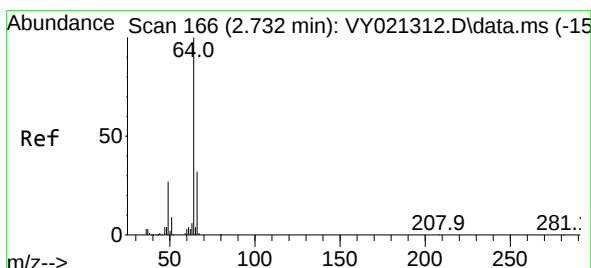
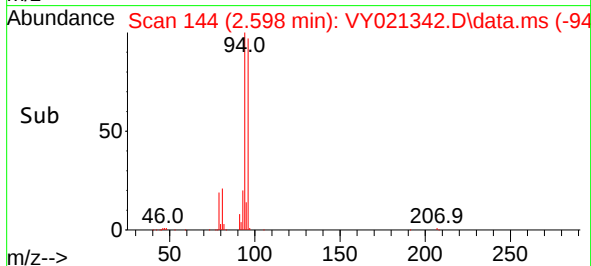
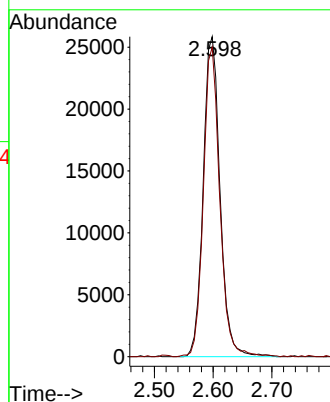
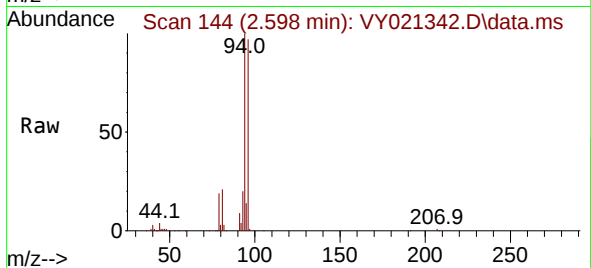




#5
Bromomethane
Concen: 41.023 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

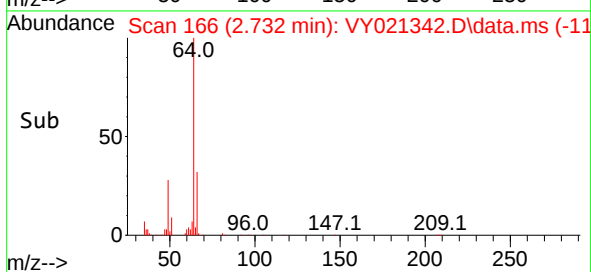
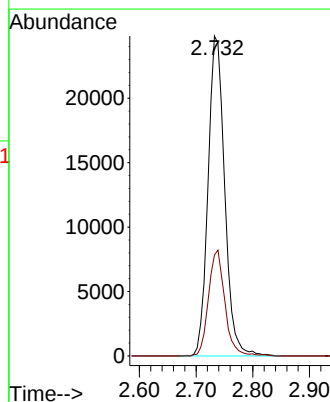
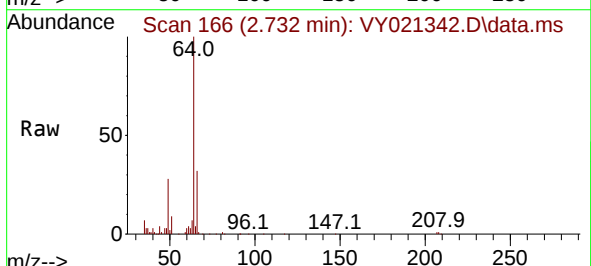
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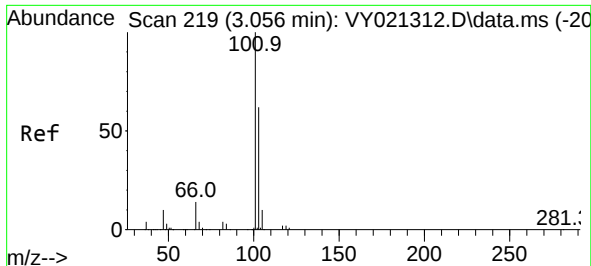
Tgt Ion: 94 Resp: 51516
Ion Ratio Lower Upper
94 100
96 96.7 75.2 112.8



#6
Chloroethane
Concen: 43.200 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 64 Resp: 50624
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.0

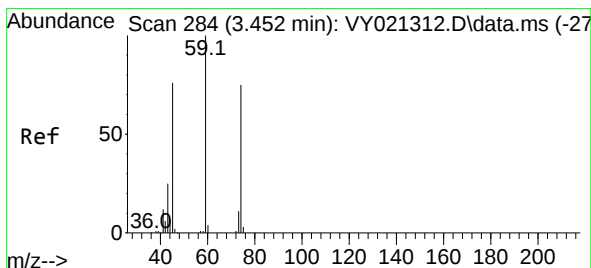
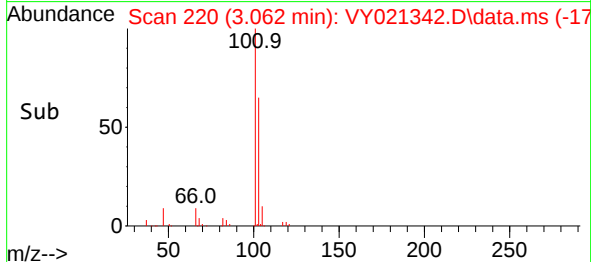
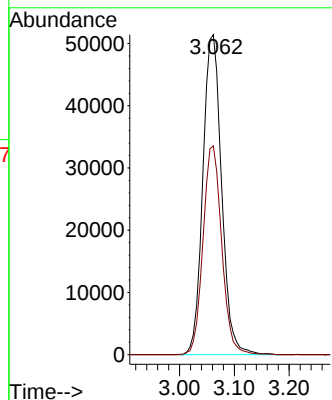
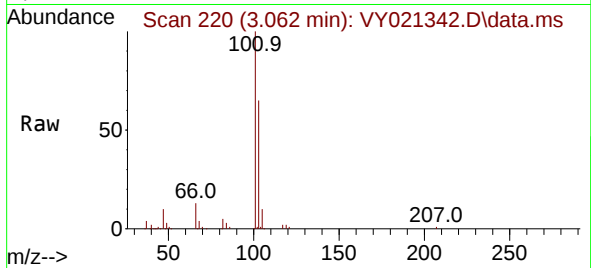




#7
Trichlorofluoromethane
Concen: 42.702 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

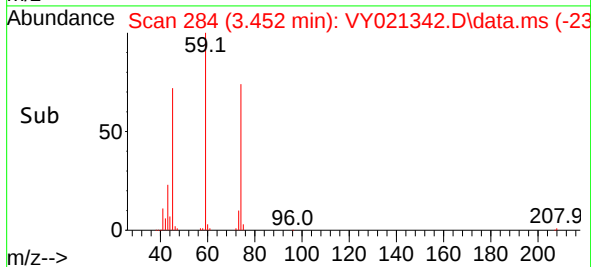
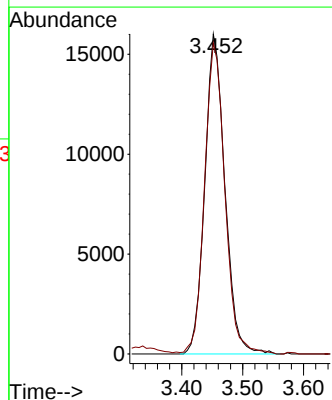
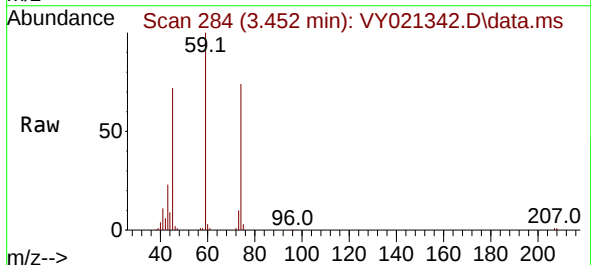
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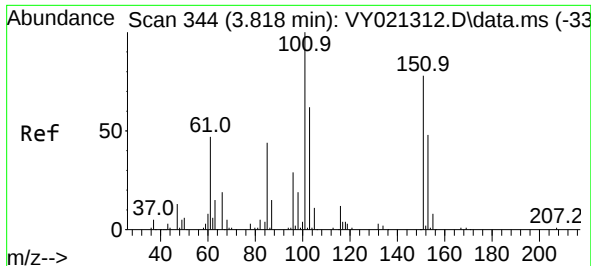
Tgt Ion:101 Resp: 121867
Ion Ratio Lower Upper
101 100
103 65.3 49.7 74.5



#8
Diethyl Ether
Concen: 42.853 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 74 Resp: 36706
Ion Ratio Lower Upper
74 100
45 98.4 50.3 150.9

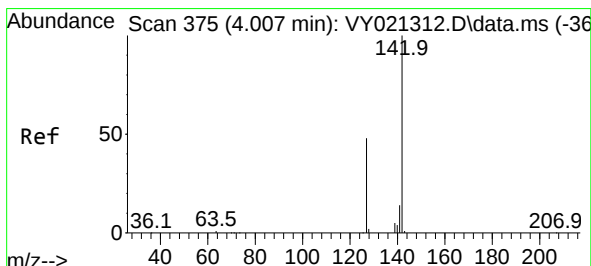
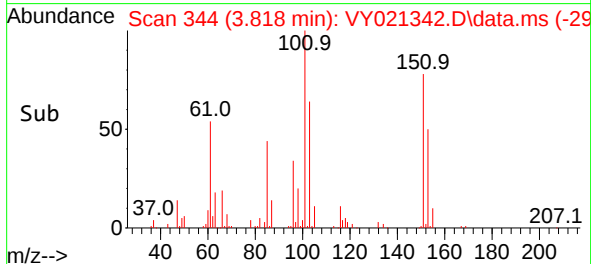
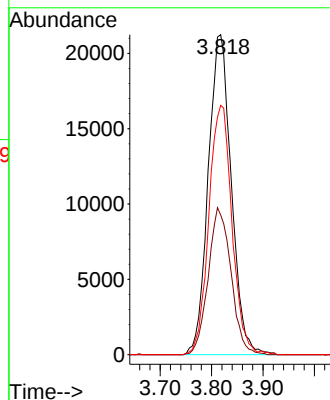
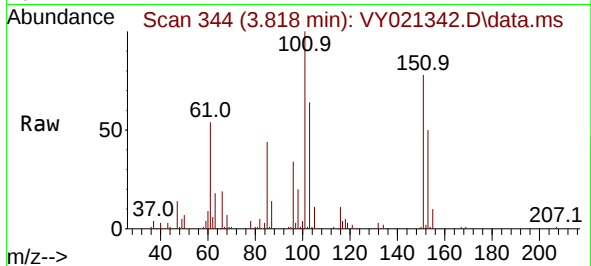




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.030 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

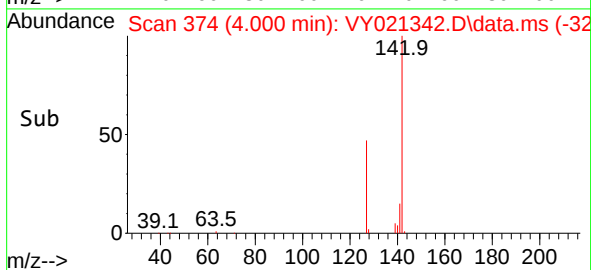
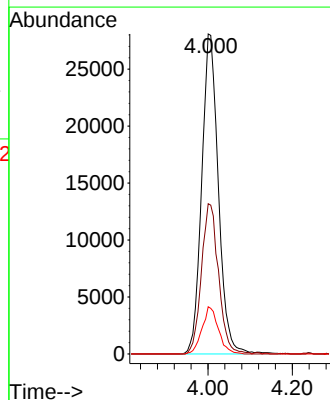
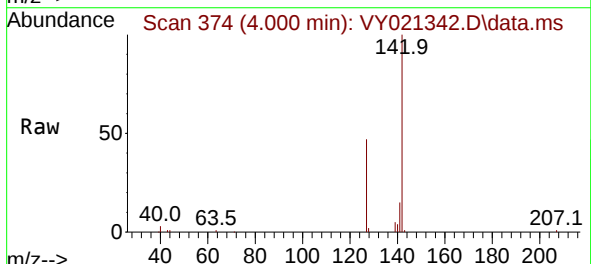
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

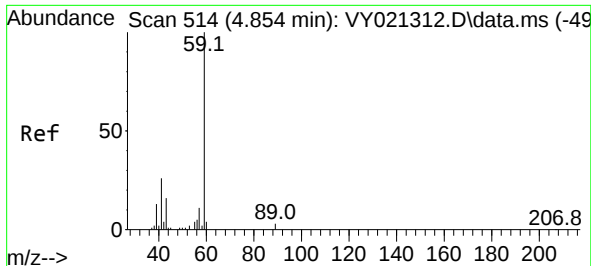
Tgt Ion:101 Resp: 66141
Ion Ratio Lower Upper
101 100
85 45.4 36.7 55.1
151 78.5 62.6 94.0



#10
Methyl Iodide
Concen: 44.492 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:142 Resp: 77342
Ion Ratio Lower Upper
142 100
127 48.1 39.2 58.8
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 157.938 ug/l

RT: 4.848 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

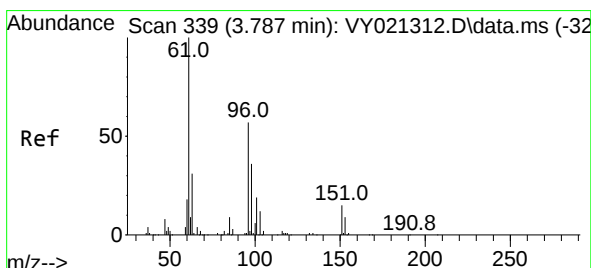
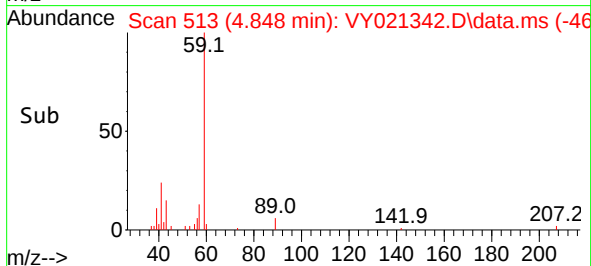
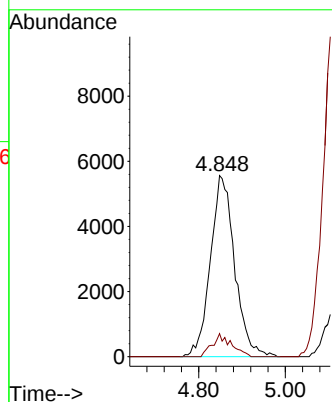
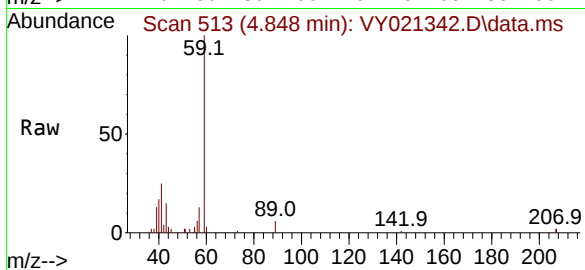
BP-VPB-192-GW-725-727MS

Tgt Ion: 59 Resp: 21669

Ion Ratio Lower Upper

59 100

57 9.9 8.3 12.5



#12

1,1-Dichloroethene

Concen: 41.875 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

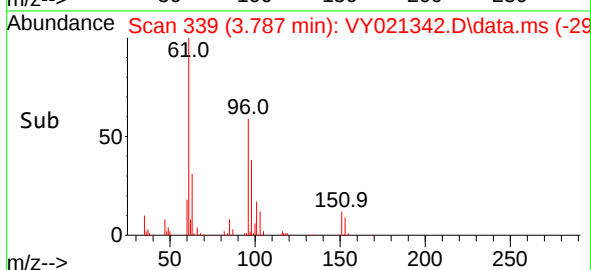
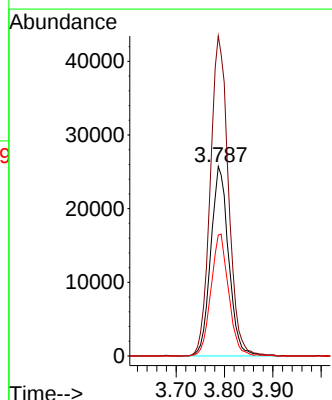
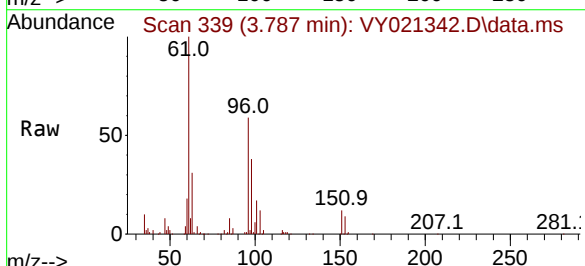
Tgt Ion: 96 Resp: 66249

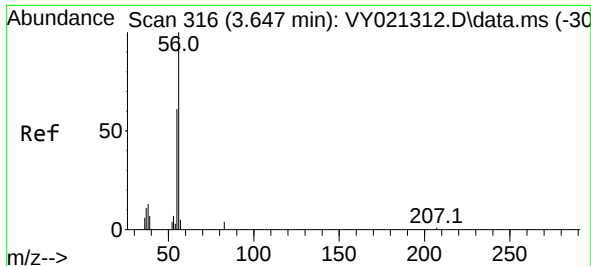
Ion Ratio Lower Upper

96 100

61 168.8 139.7 209.5

98 63.8 49.7 74.5

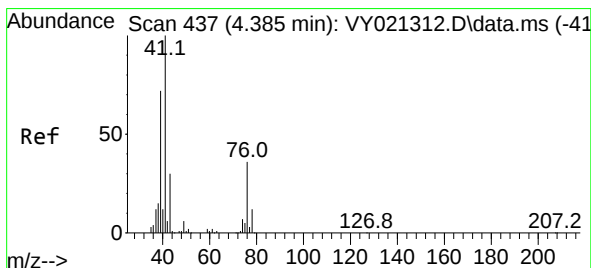
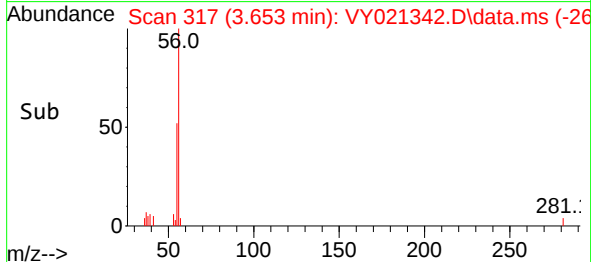
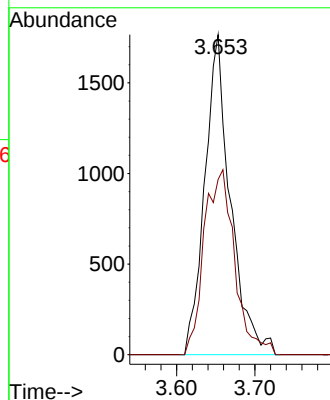
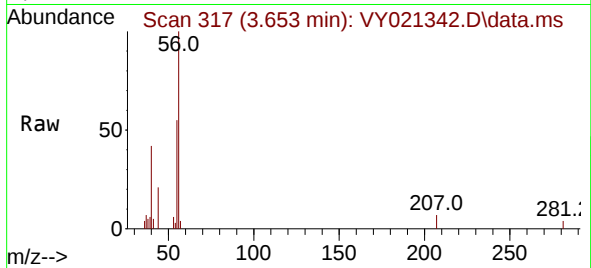




#13
Acrolein
Concen: 38.245 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

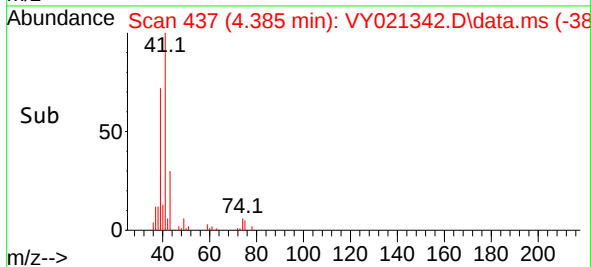
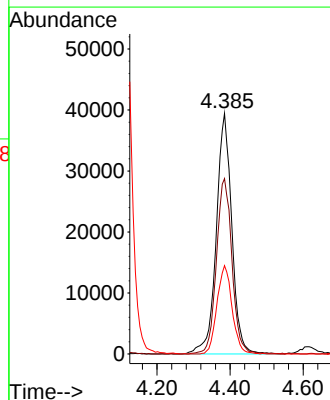
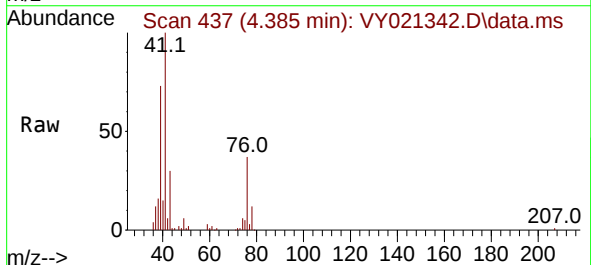
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

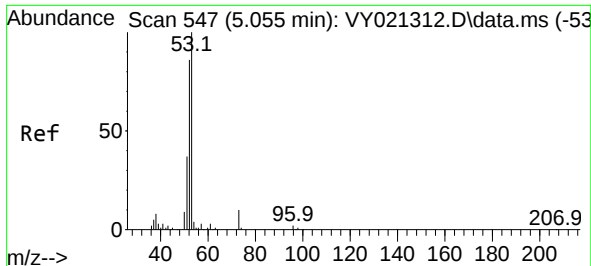
Tgt Ion: 56 Resp: 4021
Ion Ratio Lower Upper
56 100
55 68.7 59.0 88.6



#14
Allyl chloride
Concen: 41.440 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 41 Resp: 116238
Ion Ratio Lower Upper
41 100
39 73.2 60.0 90.0
76 35.8 29.0 43.6

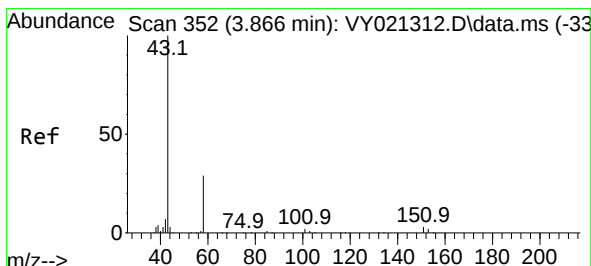
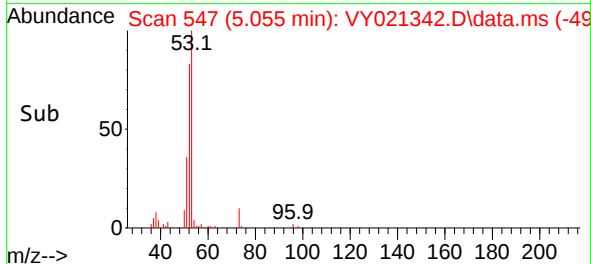
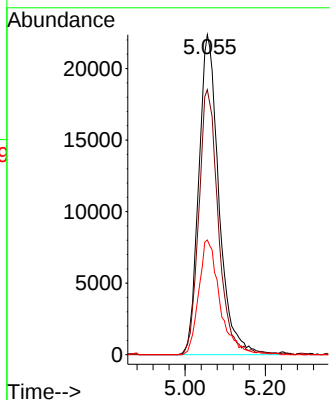
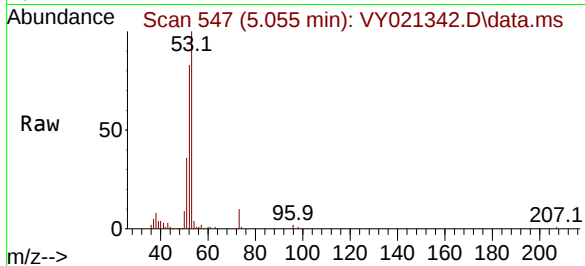




#15
Acrylonitrile
Concen: 206.399 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

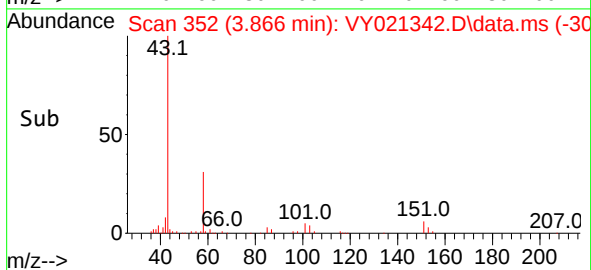
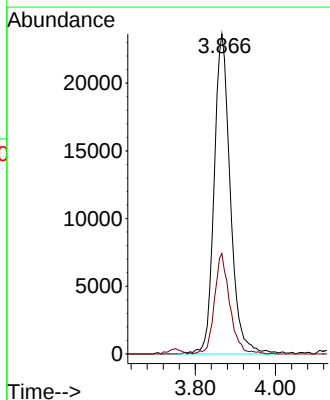
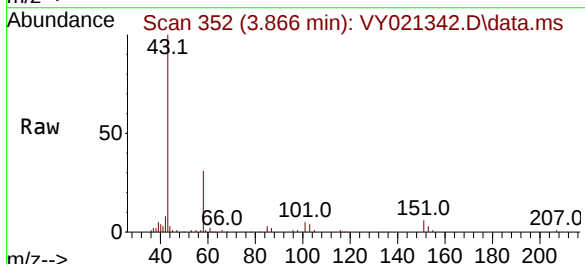
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

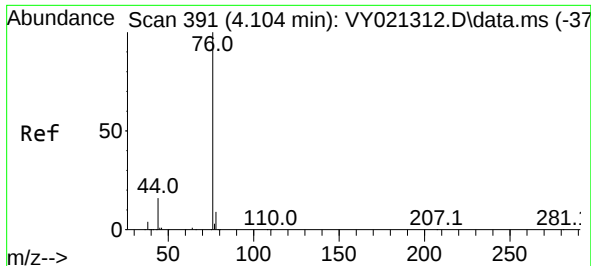
Tgt Ion: 53 Resp: 78167
Ion Ratio Lower Upper
53 100
52 79.9 65.5 98.3
51 37.6 30.6 46.0



#16
Acetone
Concen: 193.537 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 43 Resp: 66220
Ion Ratio Lower Upper
43 100
58 31.4 23.5 35.3

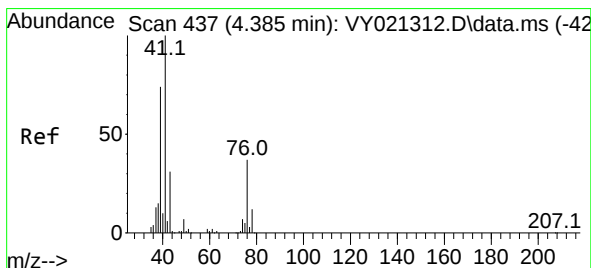
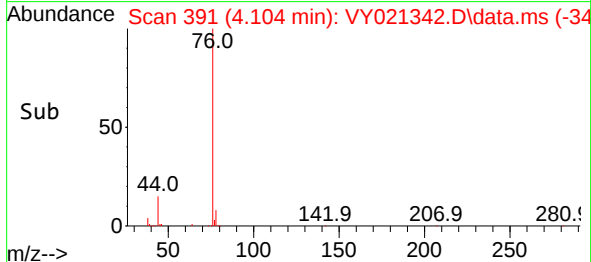
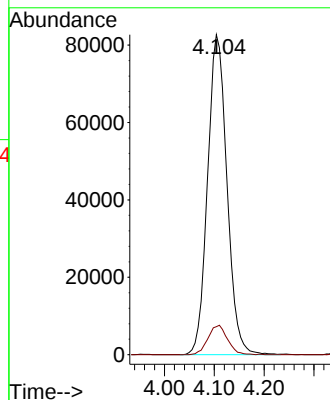
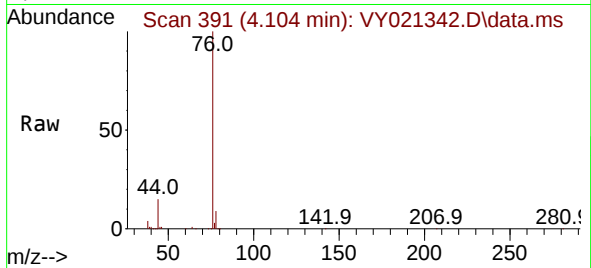




#17
Carbon Disulfide
Concen: 42.578 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

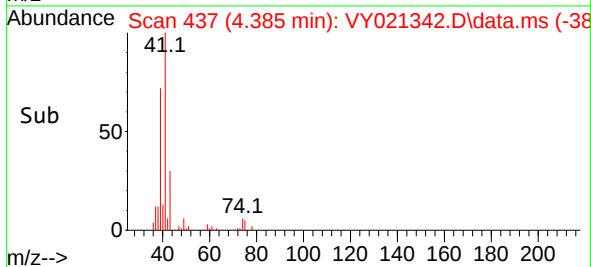
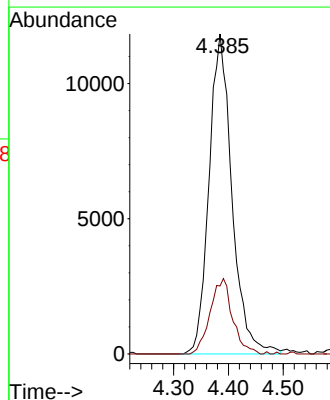
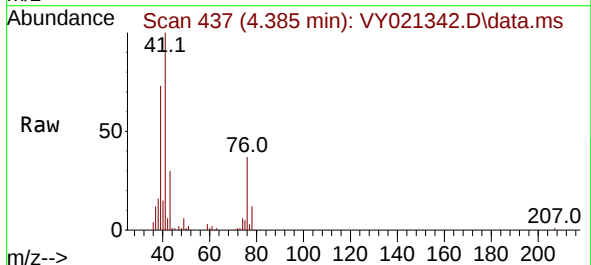
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

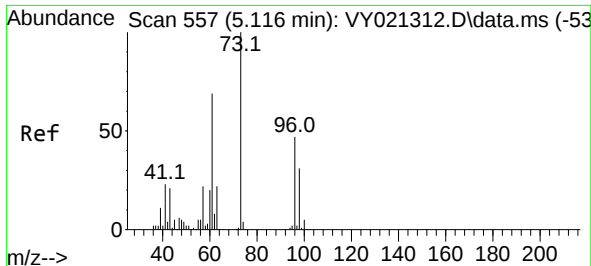
Tgt Ion: 76 Resp: 223679
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 41.017 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 43 Resp: 34298
Ion Ratio Lower Upper
43 100
74 22.9 17.7 26.5

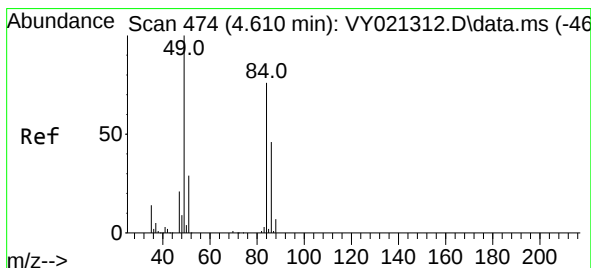
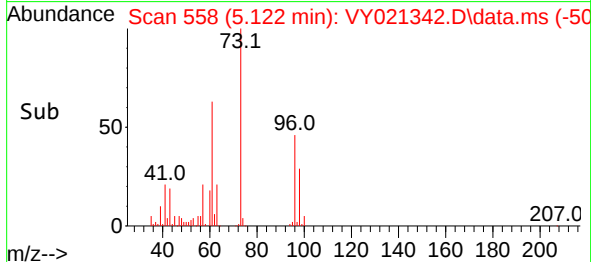
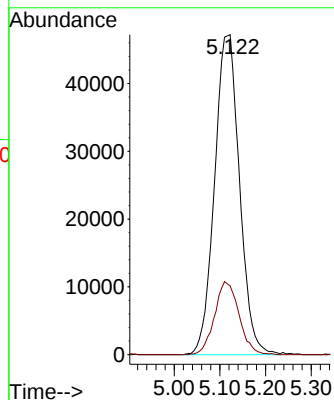
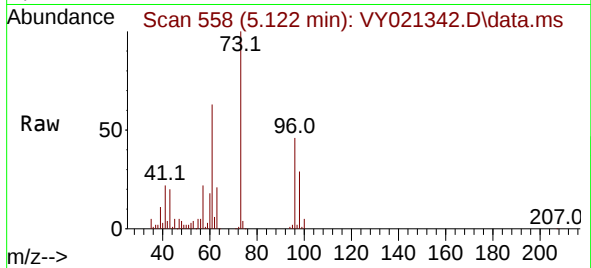




#19
Methyl tert-butyl Ether
Concen: 42.851 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

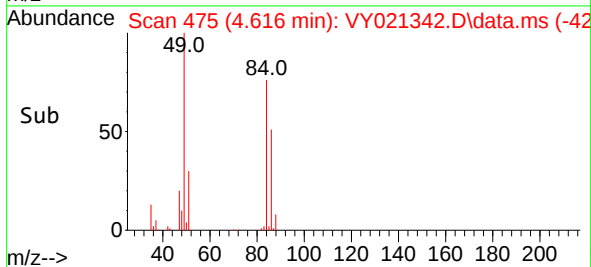
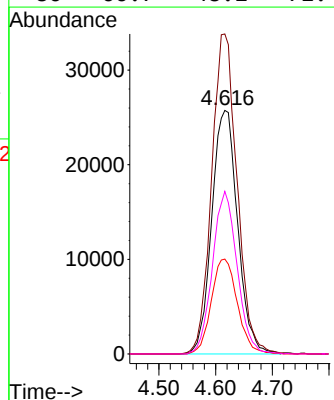
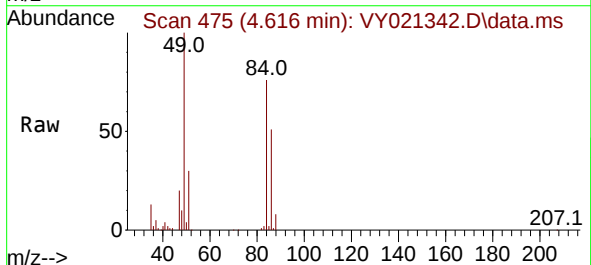
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

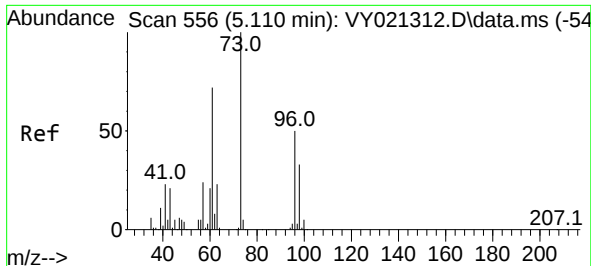
Tgt Ion: 73 Resp: 179116
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 44.072 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 84 Resp: 81543
Ion Ratio Lower Upper
84 100
49 131.4 105.1 157.7
51 39.0 31.0 46.4
86 66.7 48.2 72.4

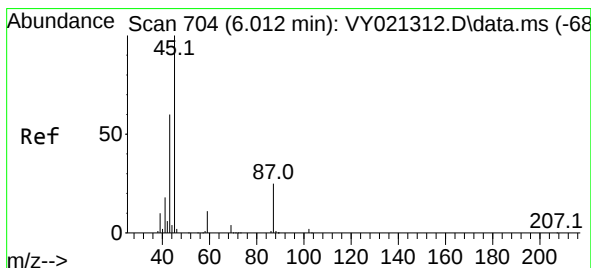
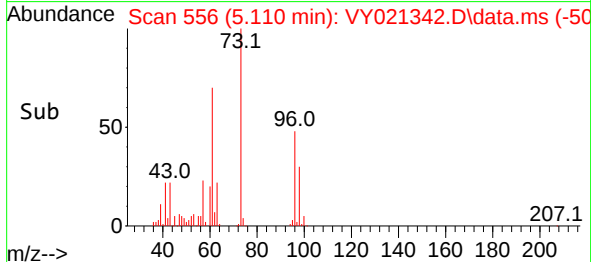
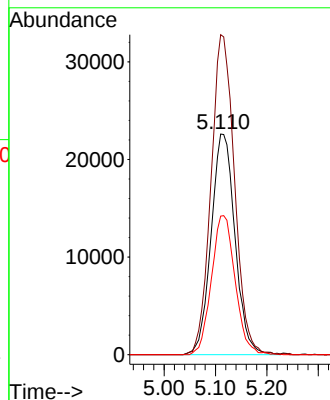
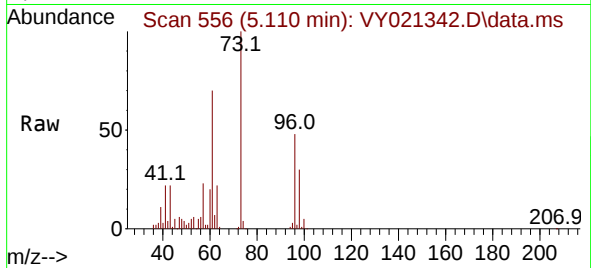




#21
trans-1,2-Dichloroethene
Concen: 41.909 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

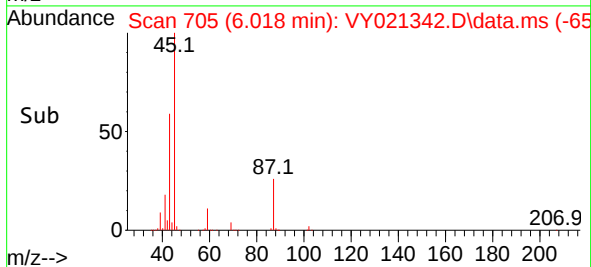
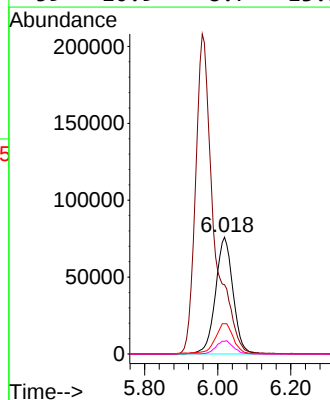
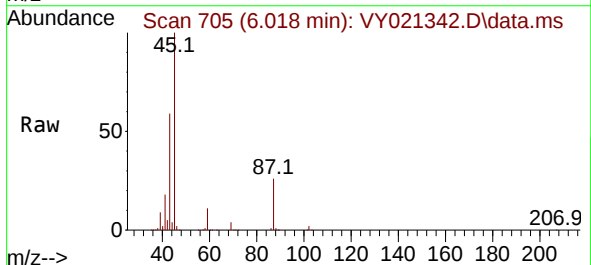
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

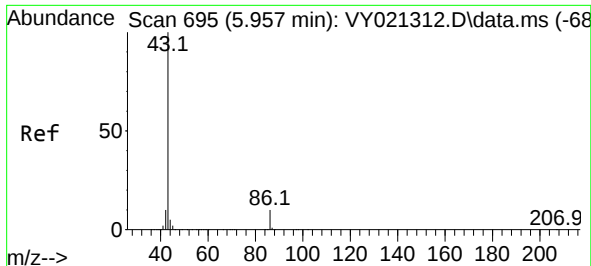
Tgt Ion: 96 Resp: 72991
Ion Ratio Lower Upper
96 100
61 145.0 116.3 174.5
98 62.8 52.6 78.8



#22
Diisopropyl ether
Concen: 43.608 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 45 Resp: 253120
Ion Ratio Lower Upper
45 100
43 58.9 48.2 72.4
87 25.8 20.3 30.5
59 10.9 8.7 13.1

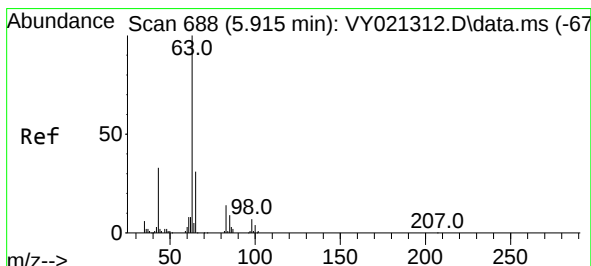
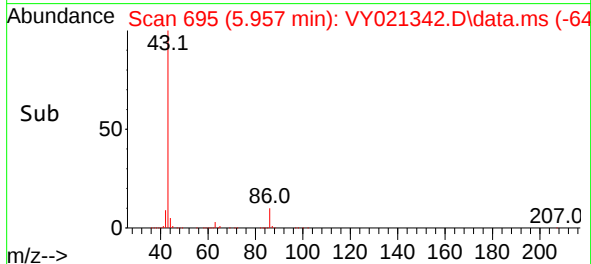
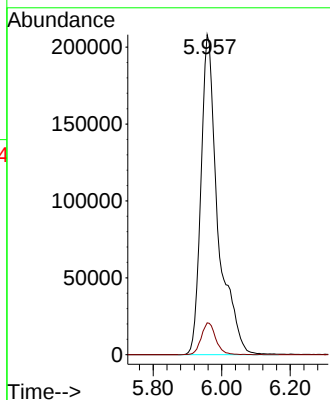
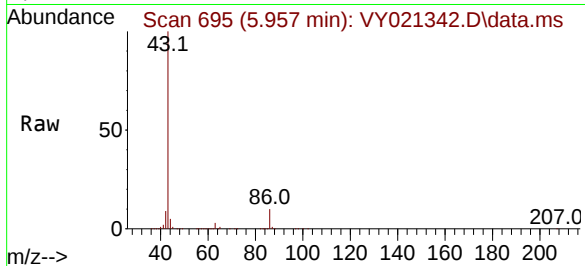




#23
 Vinyl Acetate
 Concen: 207.762 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021342.D
 Acq: 26 Feb 2025 19:21

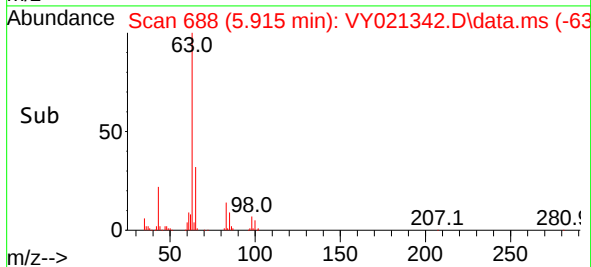
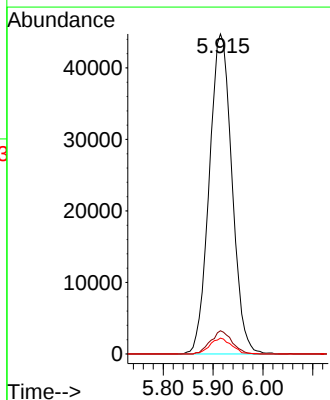
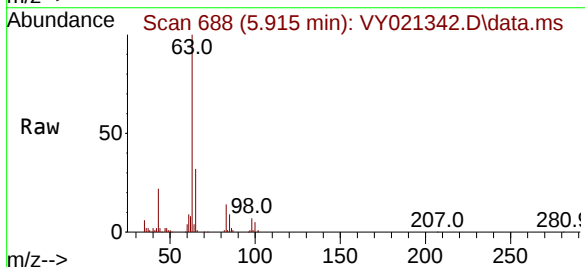
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-725-727MS

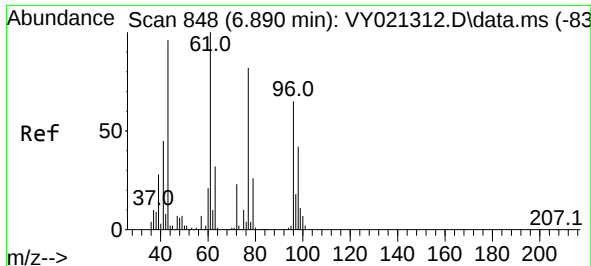
Tgt Ion: 43 Resp: 720641
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 43.249 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021342.D
 Acq: 26 Feb 2025 19:21

Tgt Ion: 63 Resp: 141491
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.9 2.1 6.5

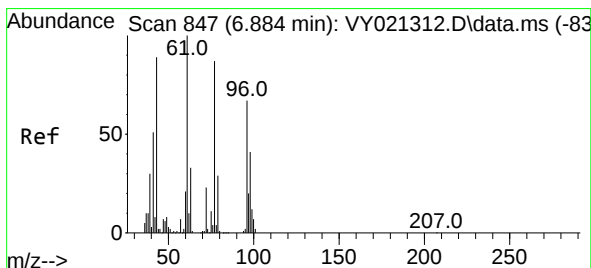
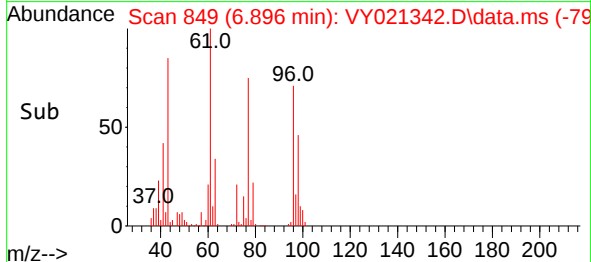
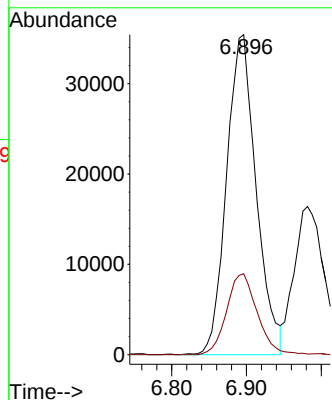
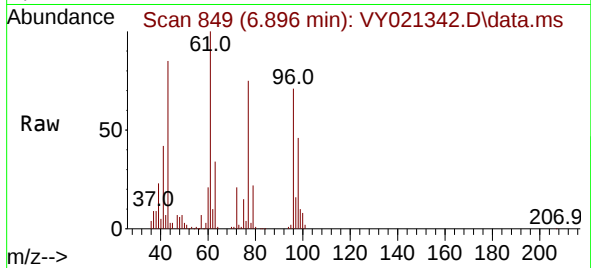




#25
2-Butanone
Concen: 188.778 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

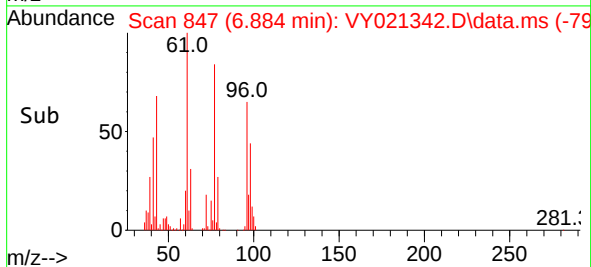
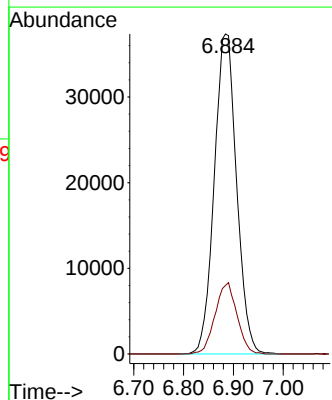
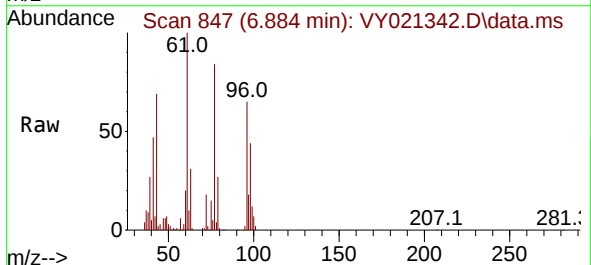
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

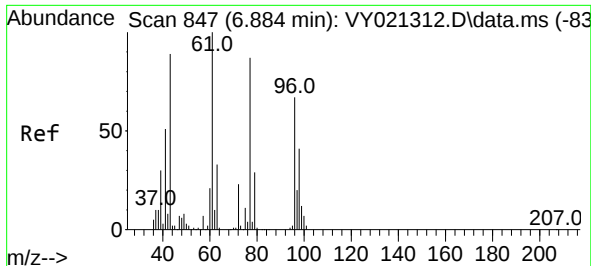
Tgt Ion: 43 Resp: 97484
Ion Ratio Lower Upper
43 100
72 25.3 19.0 28.6



#26
2,2-Dichloropropane
Concen: 39.124 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 77 Resp: 116141
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 43.326 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

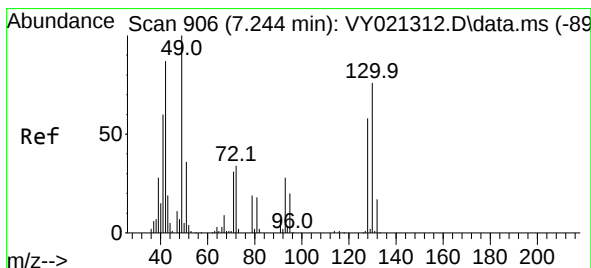
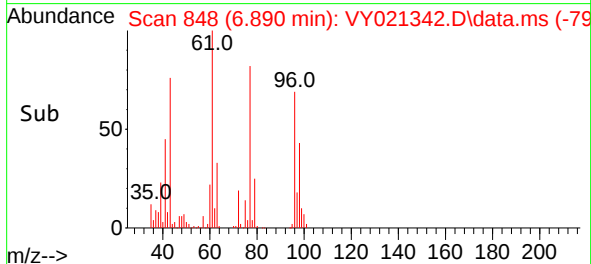
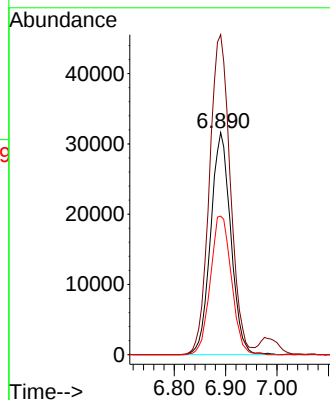
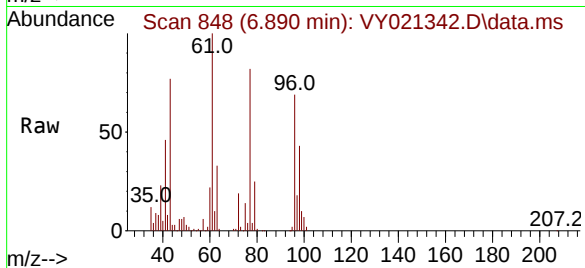
Tgt Ion: 96 Resp: 86167

Ion Ratio Lower Upper

96 100

61 149.6 0.0 308.0

98 65.2 0.0 129.6



#28

Bromochloromethane

Concen: 39.820 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

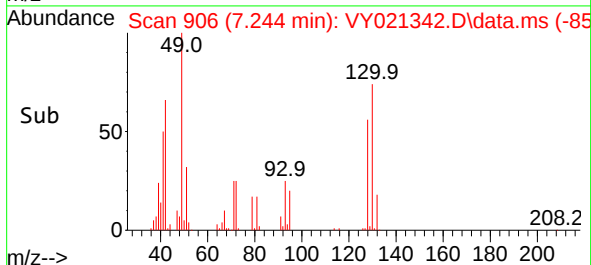
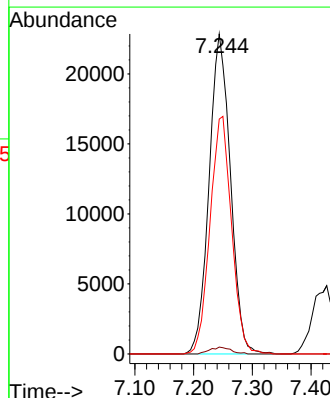
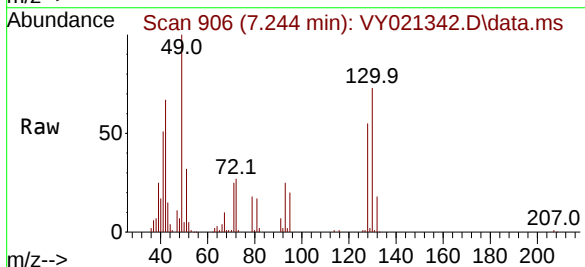
Tgt Ion: 49 Resp: 57642

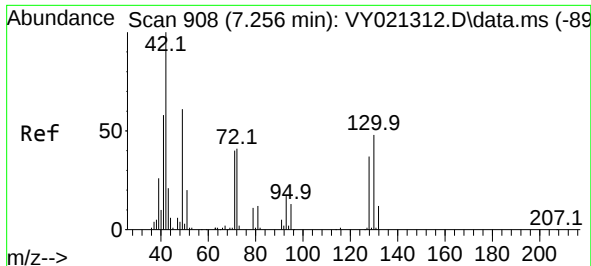
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 74.9 57.8 86.6





#29

Tetrahydrofuran

Concen: 194.942 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

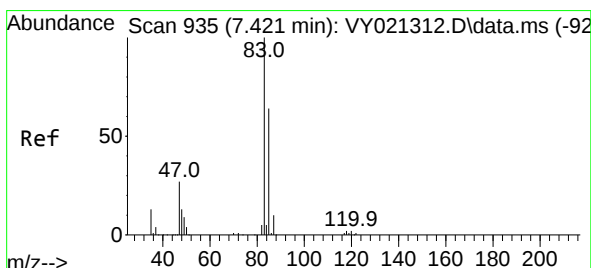
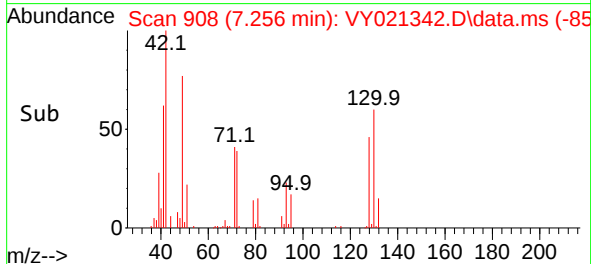
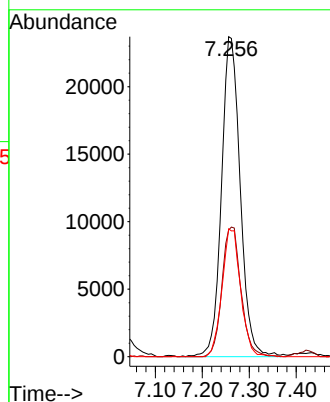
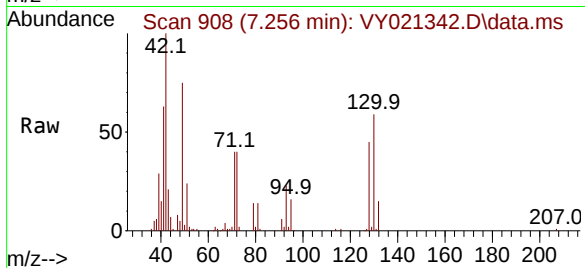
Tgt Ion: 42 Resp: 65801

Ion Ratio Lower Upper

42 100

72 41.1 33.1 49.7

71 39.6 31.4 47.0



#30

Chloroform

Concen: 43.472 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021342.D

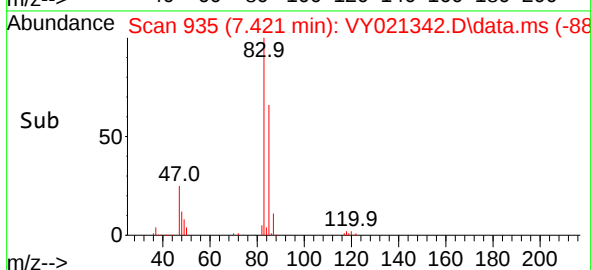
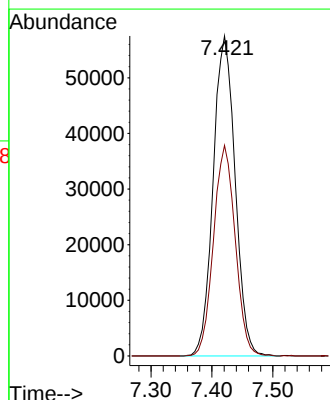
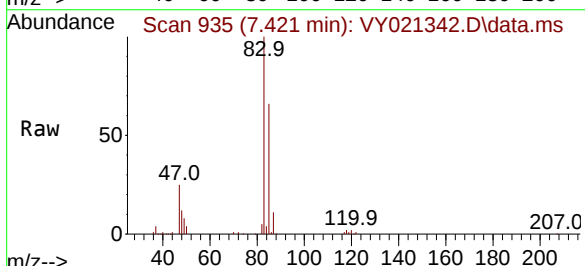
Acq: 26 Feb 2025 19:21

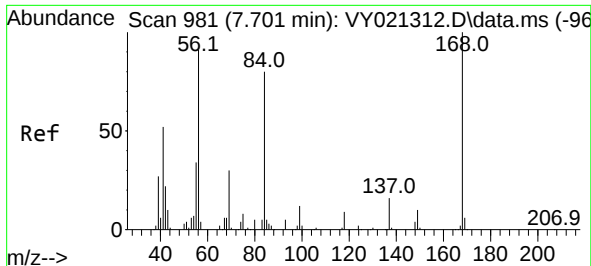
Tgt Ion: 83 Resp: 144111

Ion Ratio Lower Upper

83 100

85 65.8 51.6 77.4

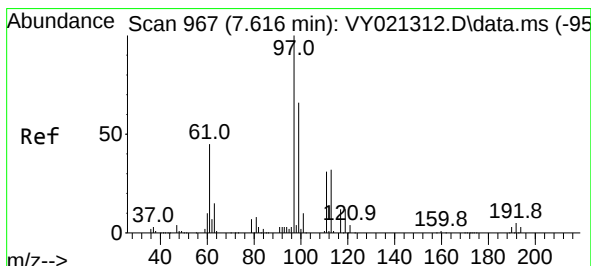
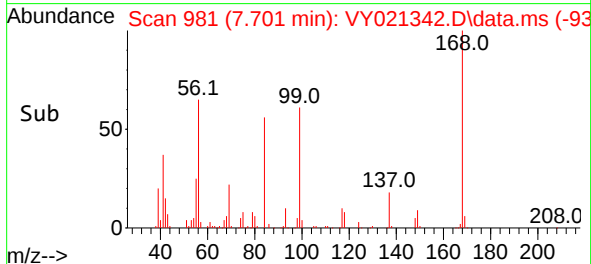
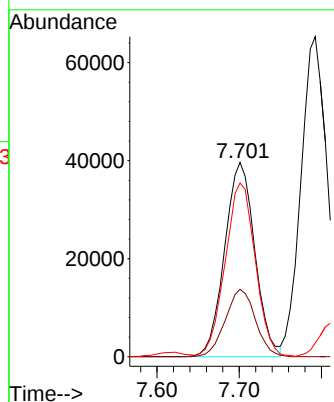
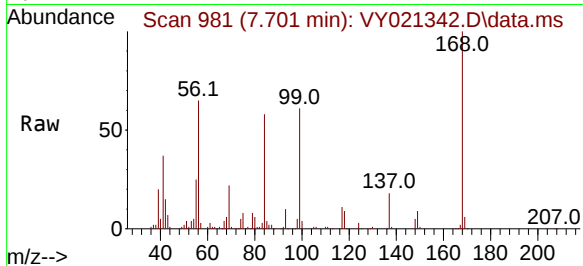




#31
Cyclohexane
Concen: 32.222 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

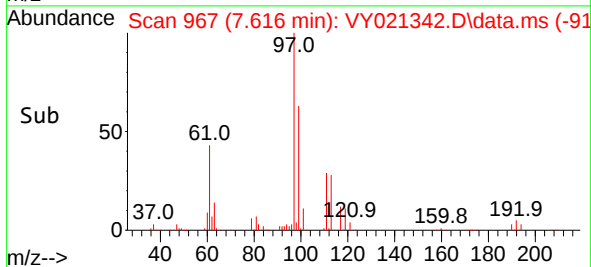
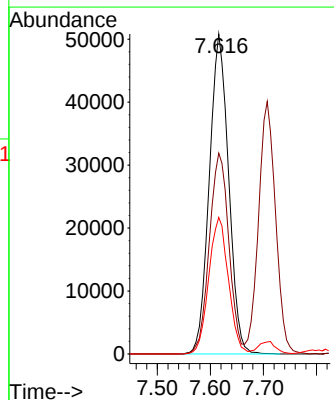
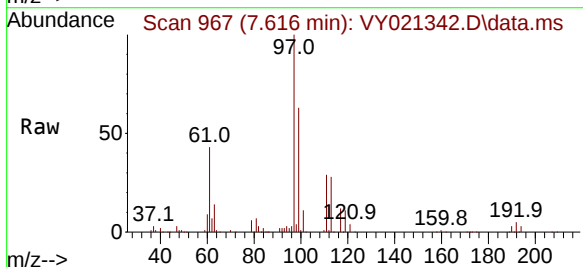
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

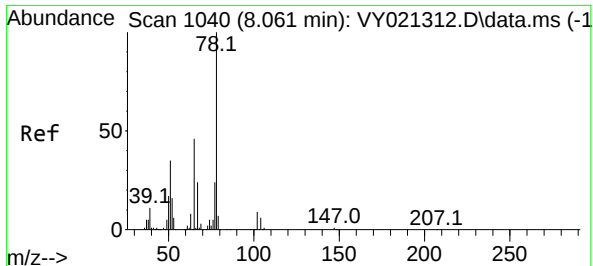
Tgt Ion: 56 Resp: 101332
Ion Ratio Lower Upper
56 100
69 34.7 26.2 39.4
84 88.0 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 42.585 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 97 Resp: 128495
Ion Ratio Lower Upper
97 100
99 63.7 52.4 78.6
61 43.5 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 40.910 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

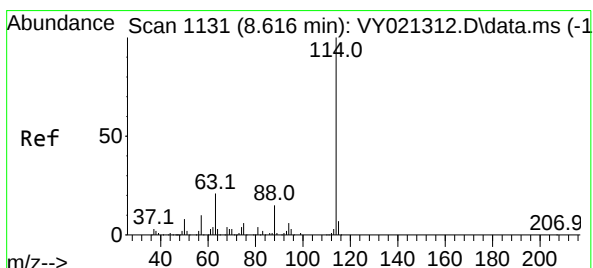
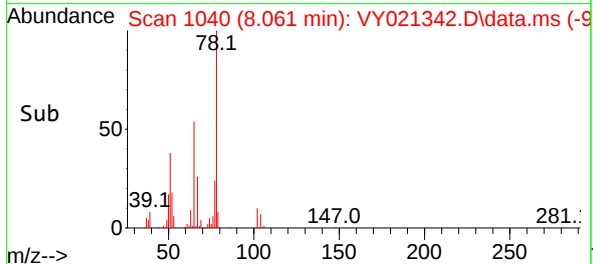
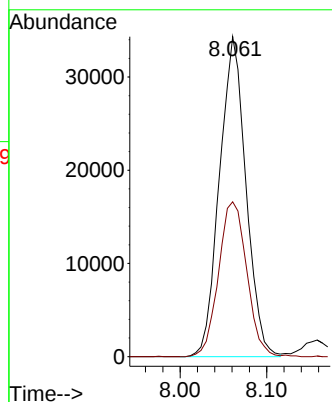
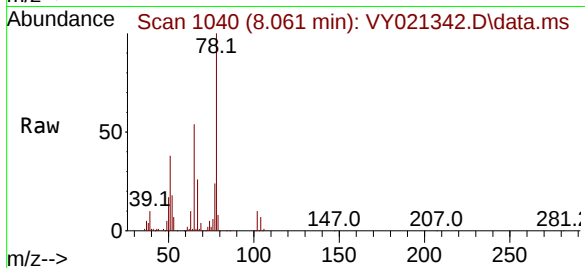
BP-VPB-192-GW-725-727MS

Tgt Ion: 65 Resp: 72971

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

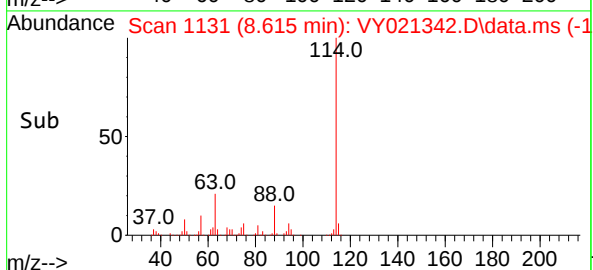
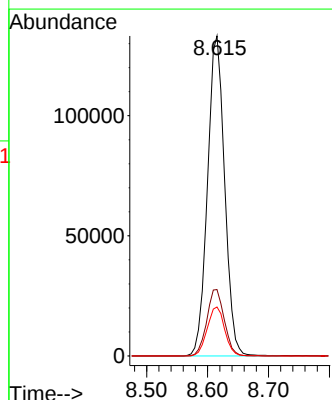
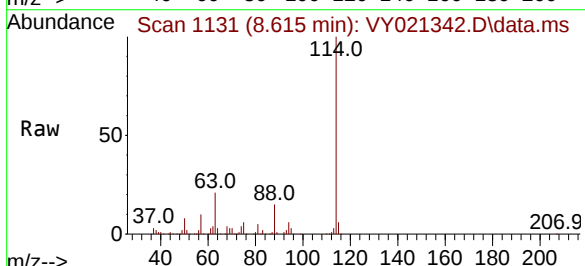
Tgt Ion: 114 Resp: 260195

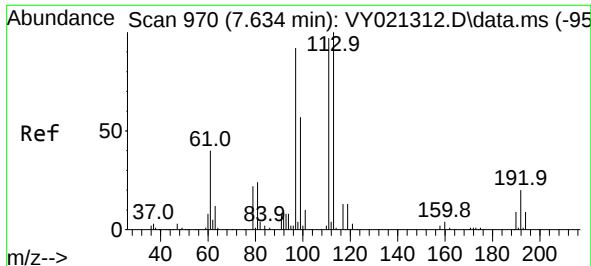
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.3 0.0 29.8

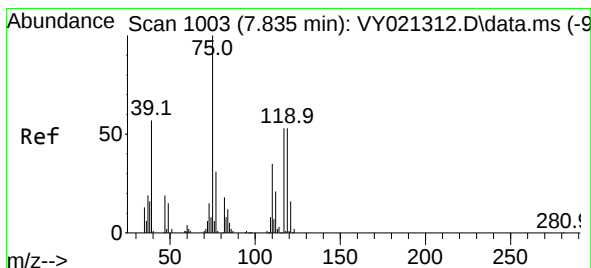
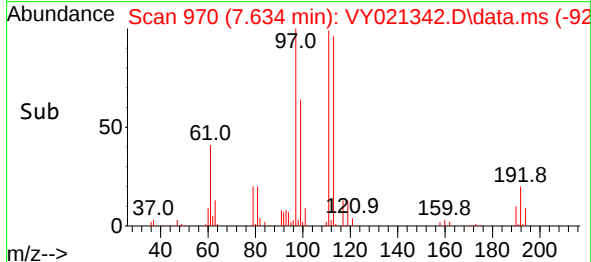
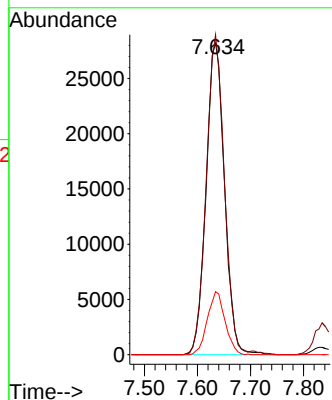
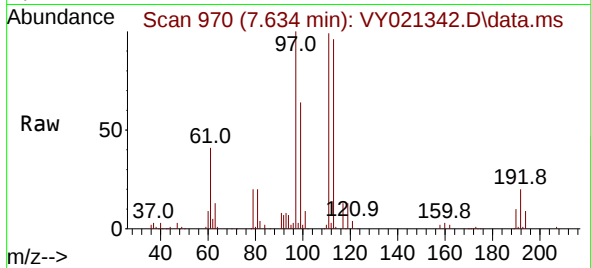




#35
Dibromofluoromethane
Concen: 39.881 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

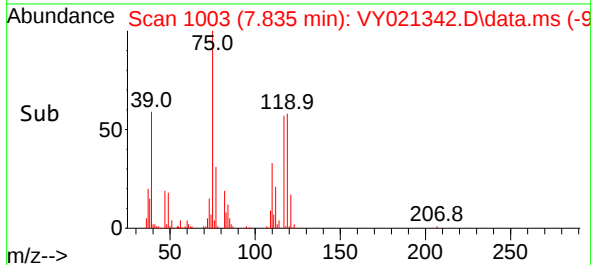
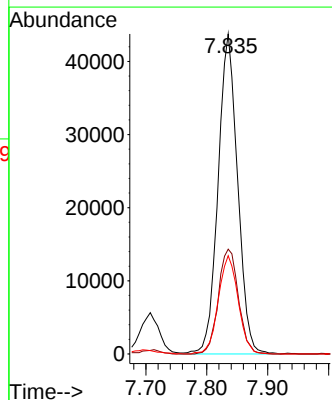
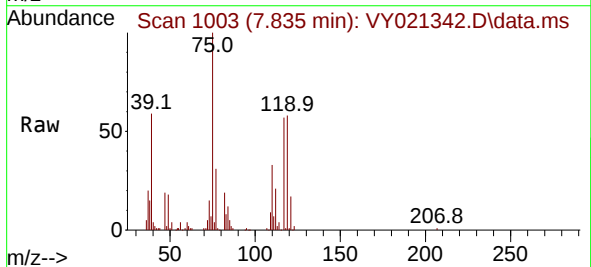
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

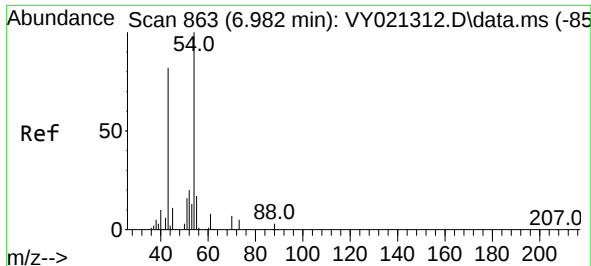
Tgt Ion:113 Resp: 68031
Ion Ratio Lower Upper
113 100
111 100.7 81.0 121.6
192 19.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 38.087 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 75 Resp: 97595
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.7
77 31.1 24.6 36.8





#37

Ethyl Acetate

Concen: 36.388 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

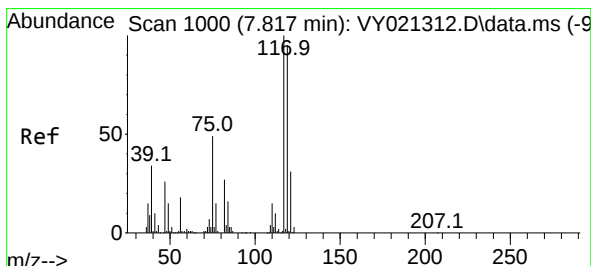
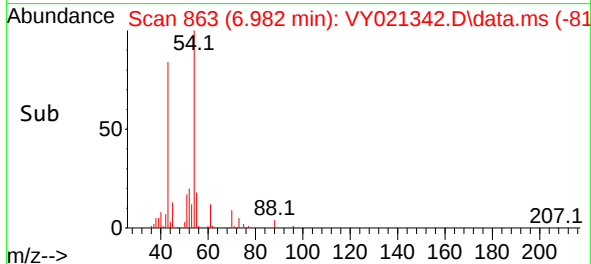
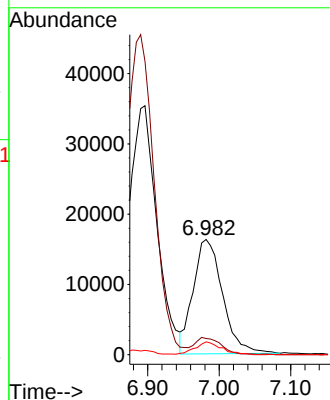
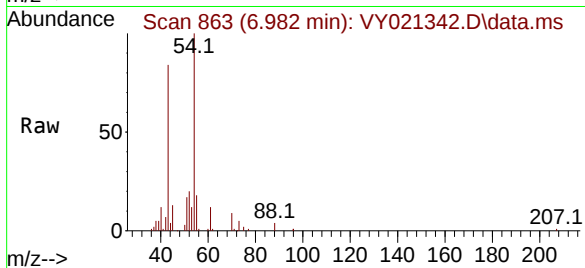
Tgt Ion: 43 Resp: 46381

Ion Ratio Lower Upper

43 100

61 12.8 10.4 15.6

70 10.2 7.5 11.3



#38

Carbon Tetrachloride

Concen: 39.004 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

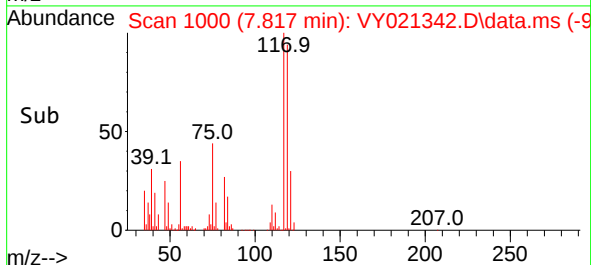
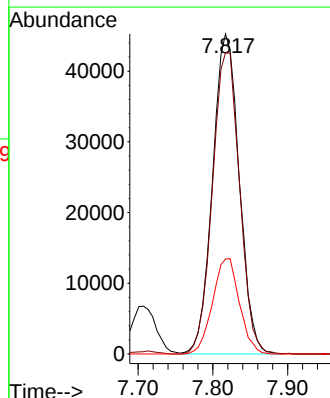
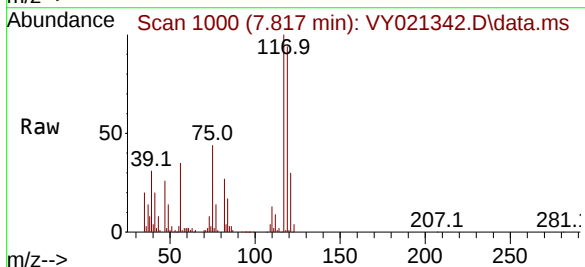
Tgt Ion: 117 Resp: 112360

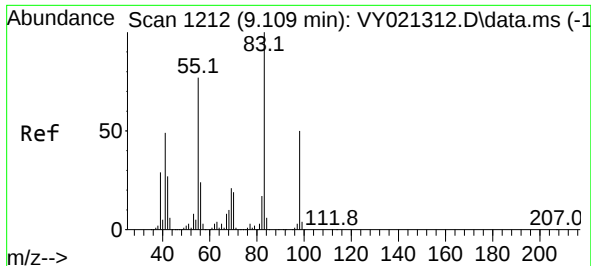
Ion Ratio Lower Upper

117 100

119 94.1 76.0 114.0

121 29.7 24.9 37.3

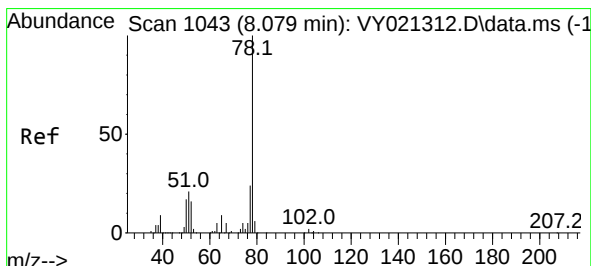
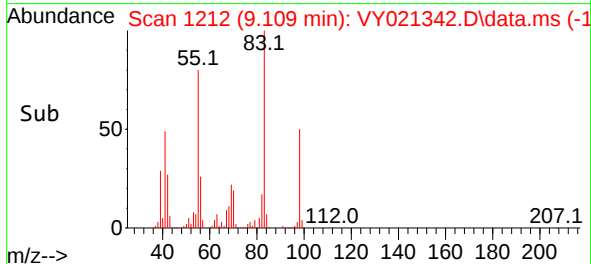
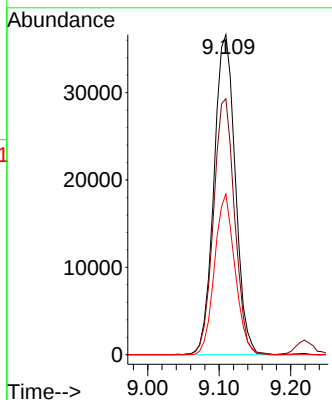
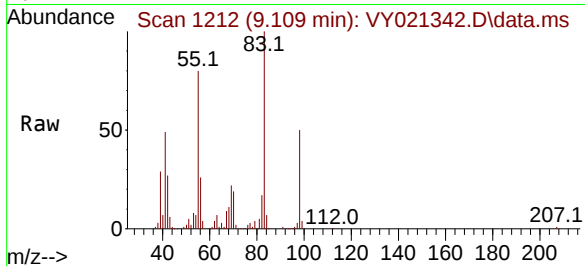




#39
Methylcyclohexane
Concen: 23.407 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

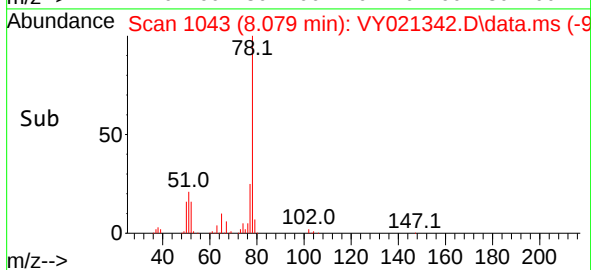
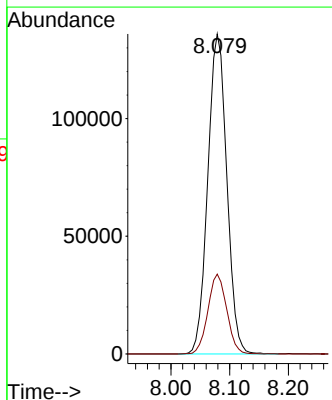
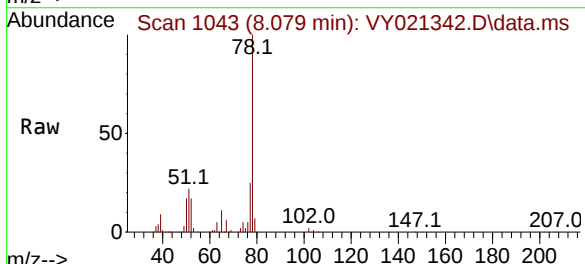
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

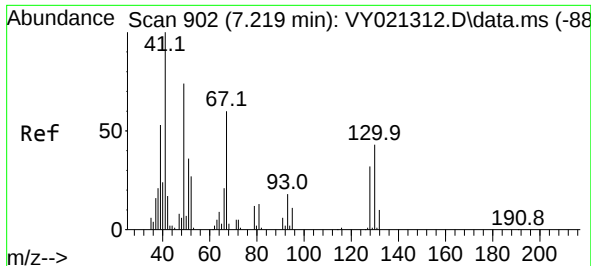
Tgt Ion: 83 Resp: 75862
Ion Ratio Lower Upper
83 100
55 79.8 61.3 91.9
98 50.2 39.9 59.9



#40
Benzene
Concen: 40.385 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 78 Resp: 305903
Ion Ratio Lower Upper
78 100
77 25.0 19.2 28.8

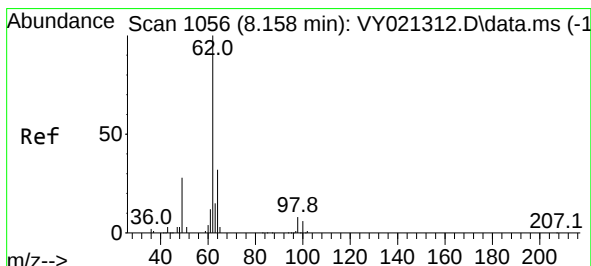
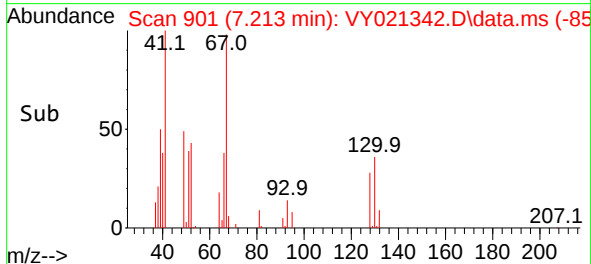
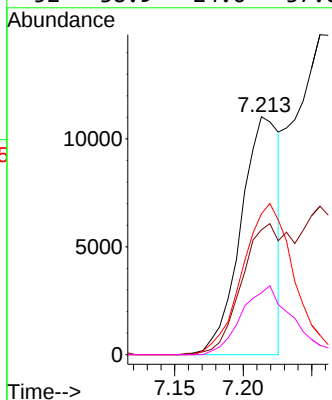
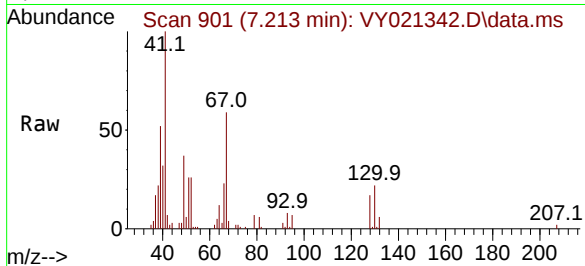




#41
Methacrylonitrile
Concen: 30.058 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

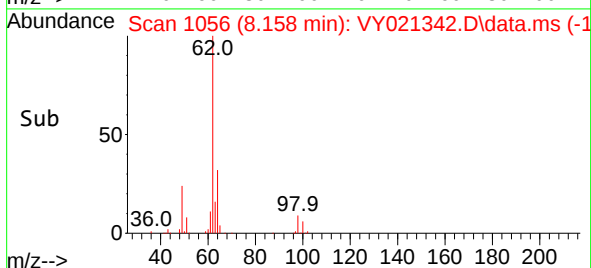
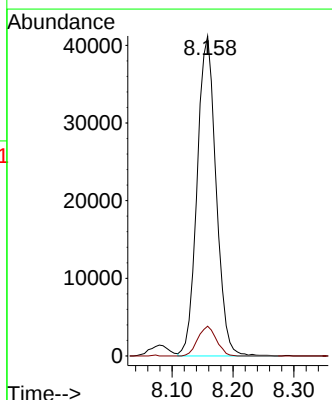
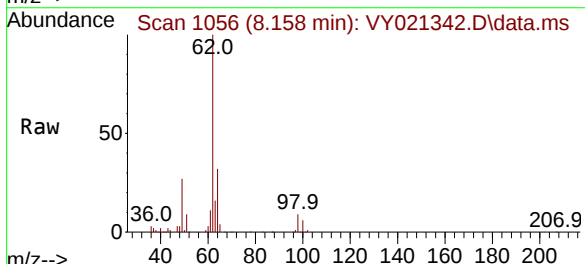
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

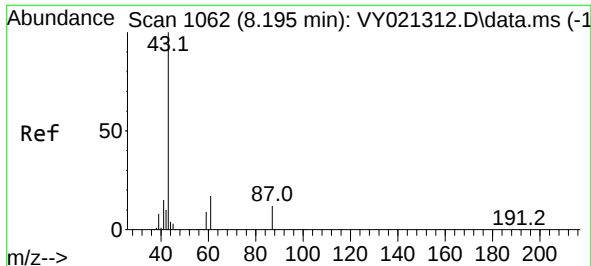
Tgt Ion: 41 Resp: 21421
Ion Ratio Lower Upper
41 100
39 72.1 42.3 63.5#
67 86.8 54.8 82.2#
52 38.9 24.6 37.0#



#42
1,2-Dichloroethane
Concen: 41.373 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 62 Resp: 88913
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6

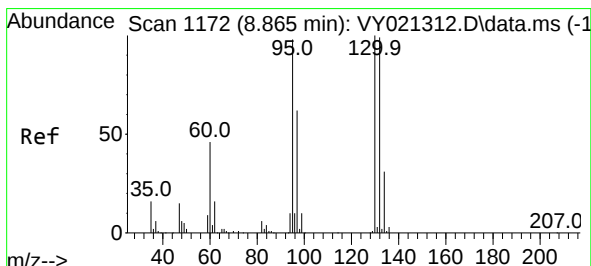
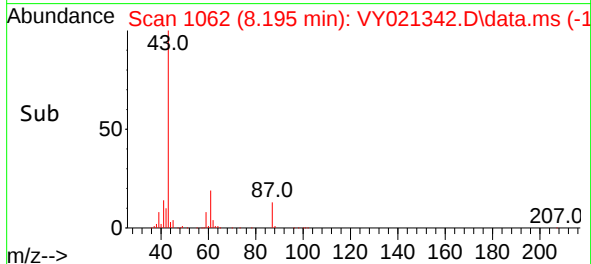
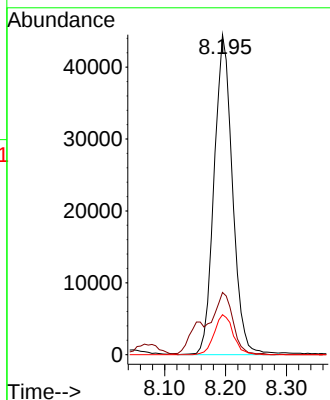
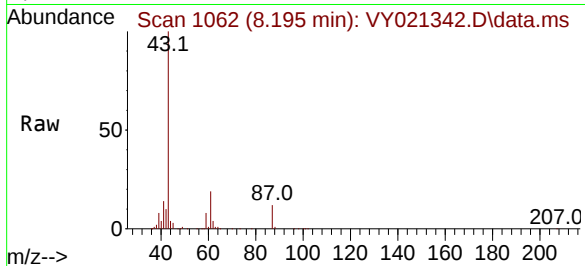




#43
Isopropyl Acetate
Concen: 37.845 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

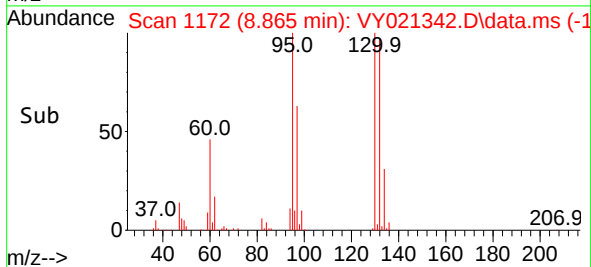
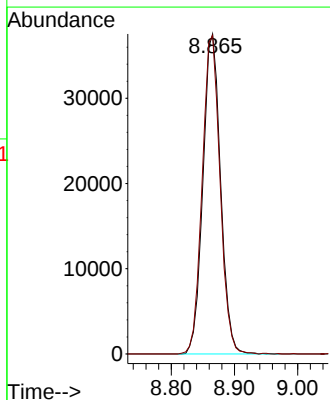
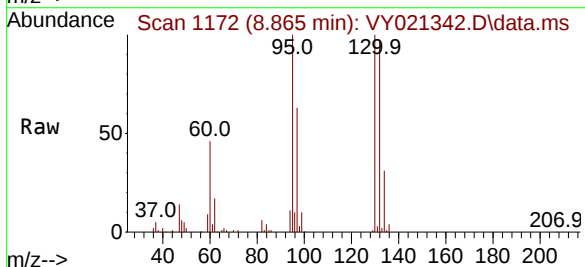
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

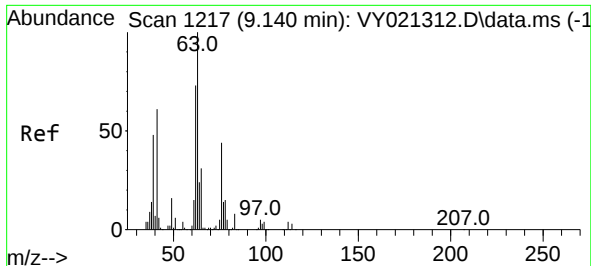
Tgt Ion:	43	Resp:	93368
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.0	22.6
87	12.9	10.0	15.0



#44
Trichloroethene
Concen: 38.405 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:	130	Resp:	72832
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	196.0





#45

1,2-Dichloropropane

Concen: 40.795 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

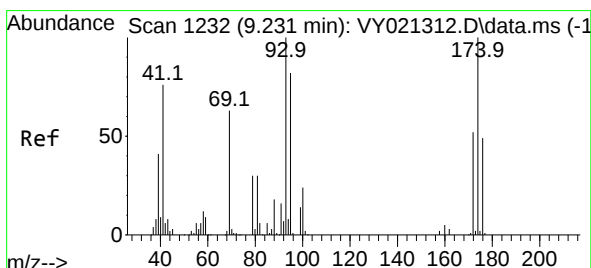
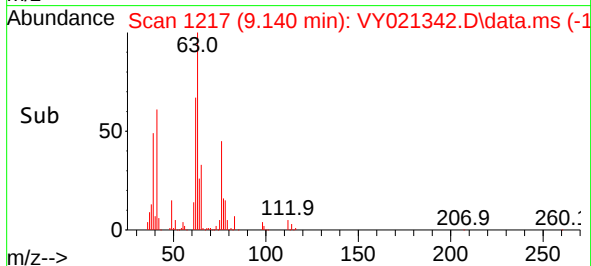
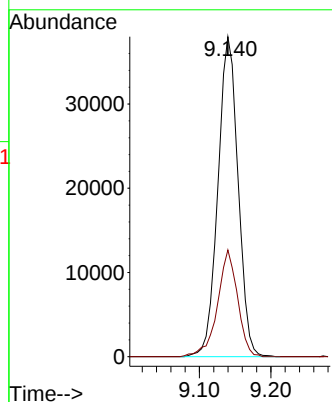
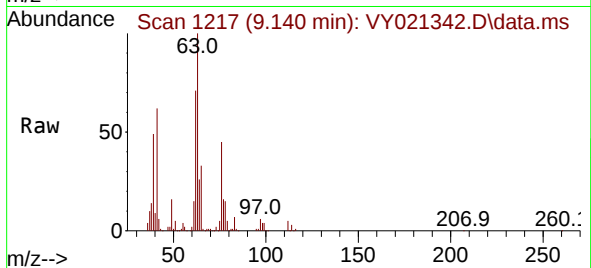
BP-VPB-192-GW-725-727MS

Tgt Ion: 63 Resp: 74364

Ion Ratio Lower Upper

63 100

65 33.4 24.6 36.8



#46

Dibromomethane

Concen: 41.862 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

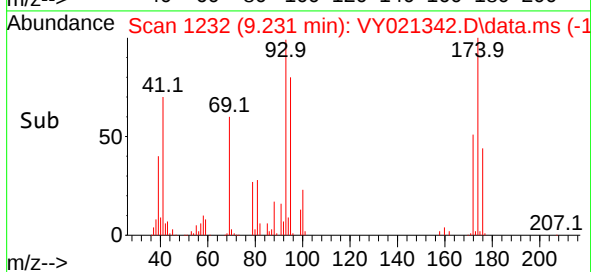
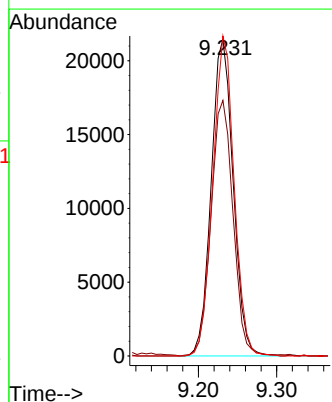
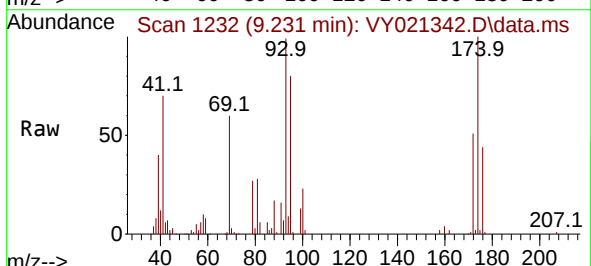
Tgt Ion: 93 Resp: 41712

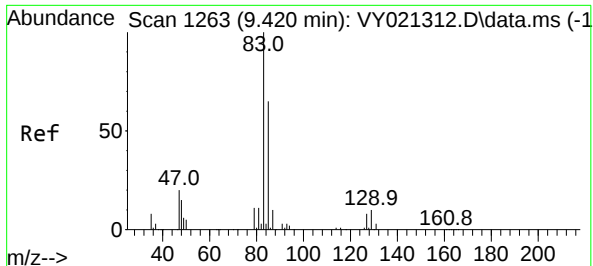
Ion Ratio Lower Upper

93 100

95 81.0 66.4 99.6

174 98.4 78.2 117.2





#47

Bromodichloromethane

Concen: 41.719 ug/l

RT: 9.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

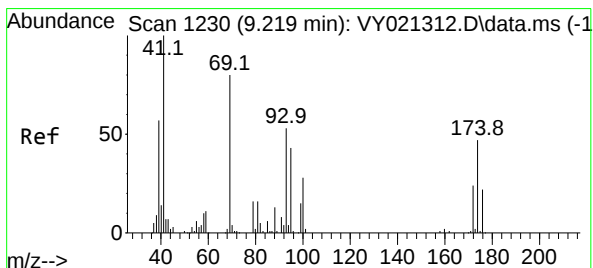
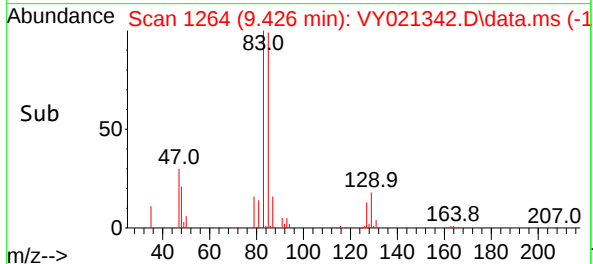
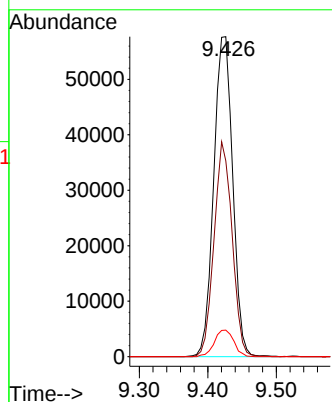
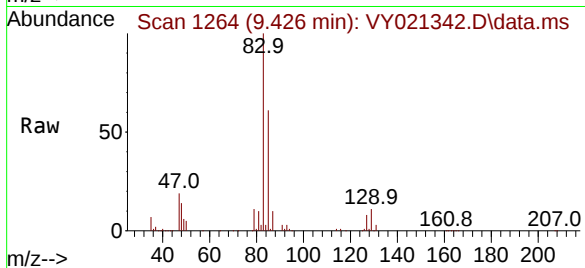
Tgt Ion: 83 Resp: 110838

Ion Ratio Lower Upper

83 100

85 61.2 51.8 77.8

127 8.3 6.7 10.1



#48

Methyl methacrylate

Concen: 38.254 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

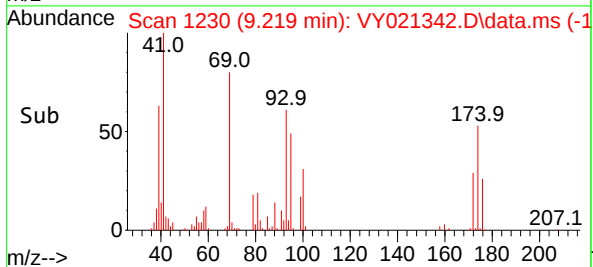
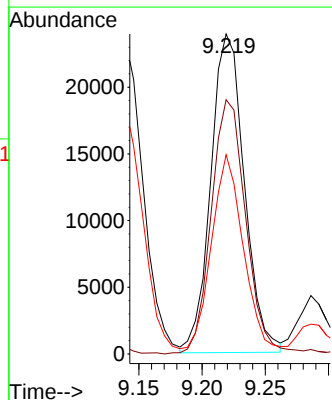
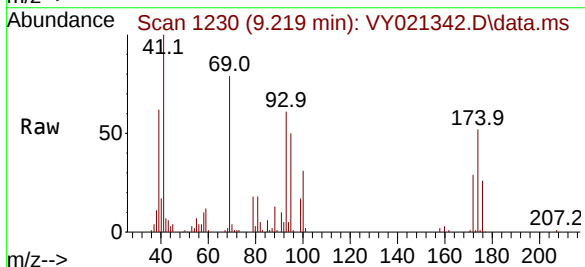
Tgt Ion: 41 Resp: 44133

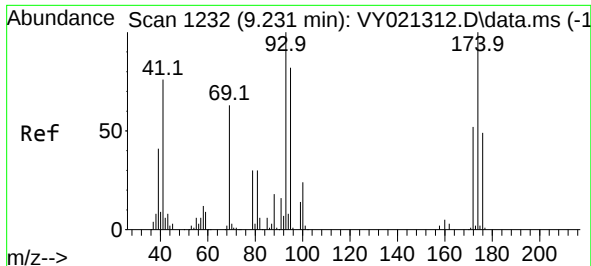
Ion Ratio Lower Upper

41 100

69 82.5 63.3 94.9

39 59.8 45.0 67.6

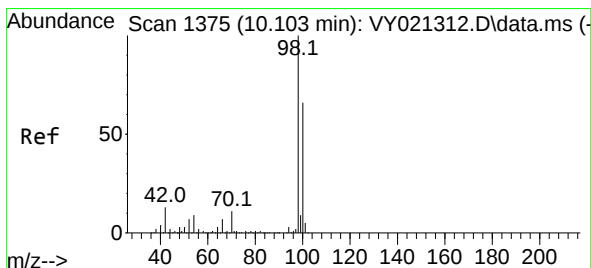
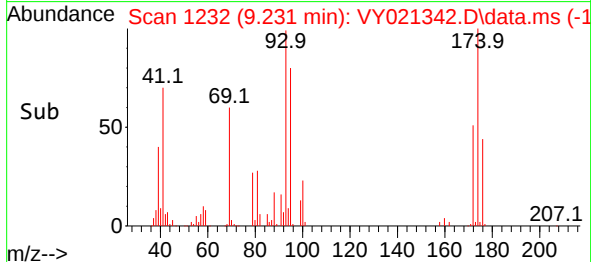
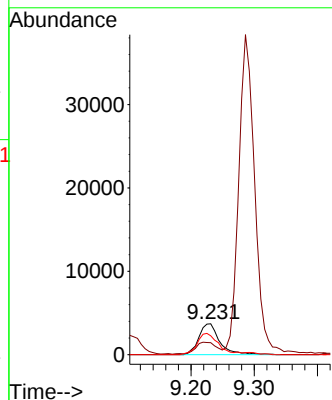
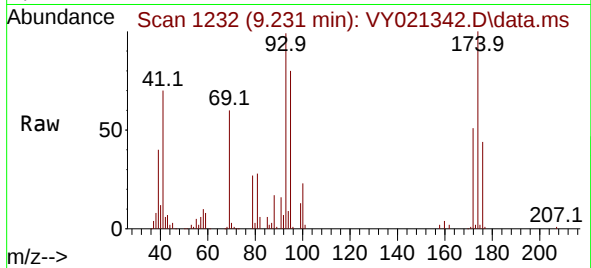




#49
1,4-Dioxane
Concen: 769.549 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

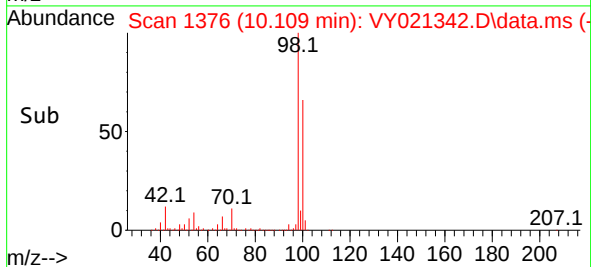
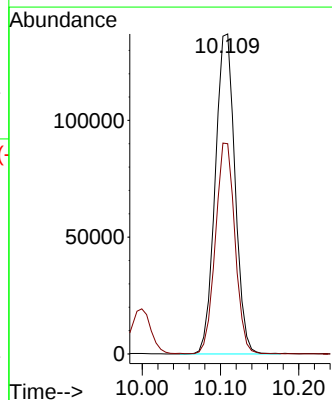
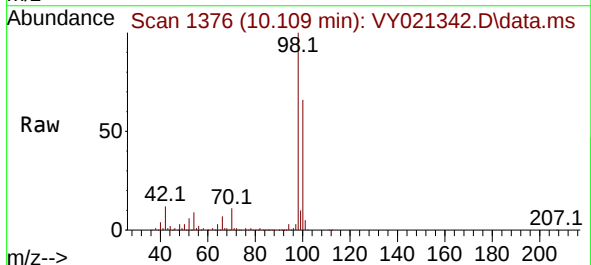
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

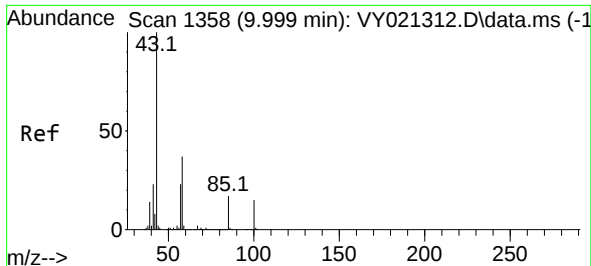
Tgt Ion: 88 Resp: 8526
Ion Ratio Lower Upper
88 100
43 38.7 34.8 52.2
58 75.6 59.8 89.6



#50
Toluene-d8
Concen: 36.433 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 98 Resp: 240193
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 183.451 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

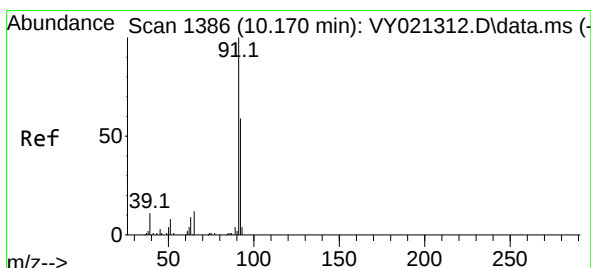
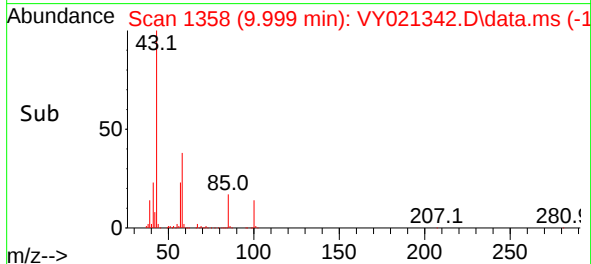
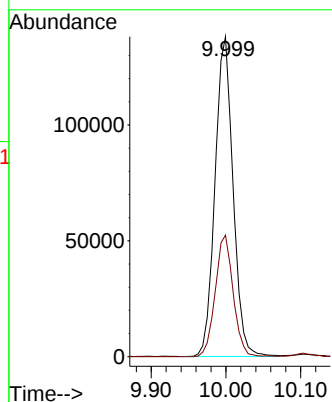
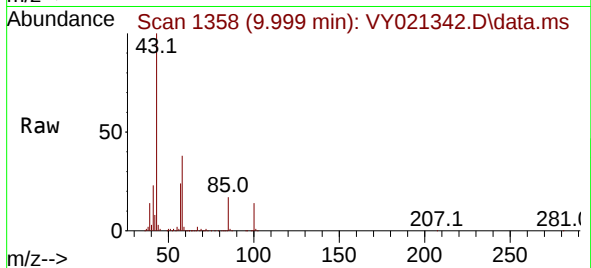
BP-VPB-192-GW-725-727MS

Tgt Ion: 43 Resp: 231679

Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1



#52

Toluene

Concen: 39.024 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY021342.D

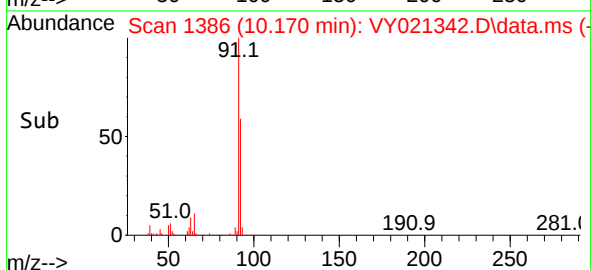
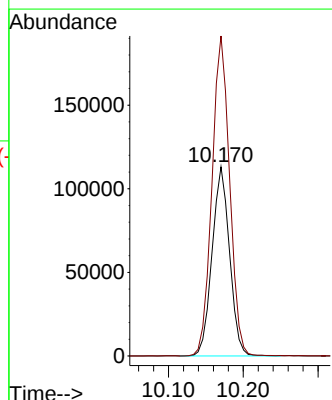
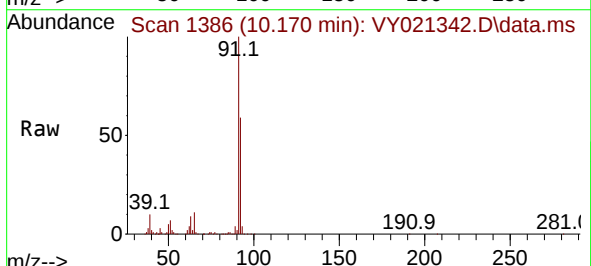
Acq: 26 Feb 2025 19:21

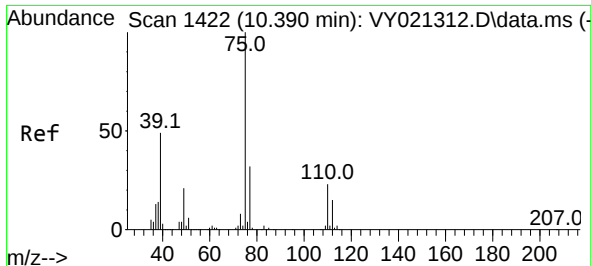
Tgt Ion: 92 Resp: 183630

Ion Ratio Lower Upper

92 100

91 171.5 137.8 206.8

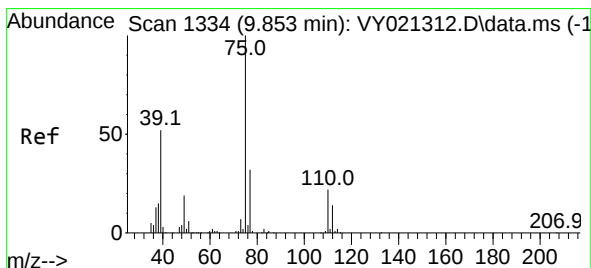
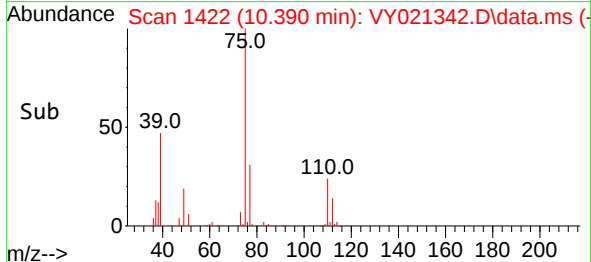
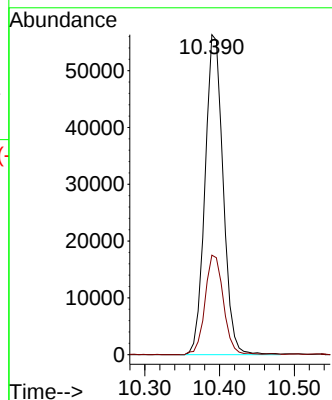
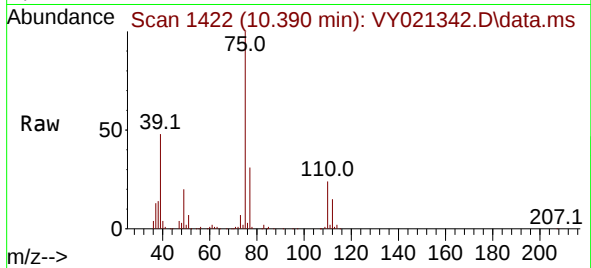




#53
 t-1,3-Dichloropropene
 Concen: 38.946 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY021342.D
 Acq: 26 Feb 2025 19:21

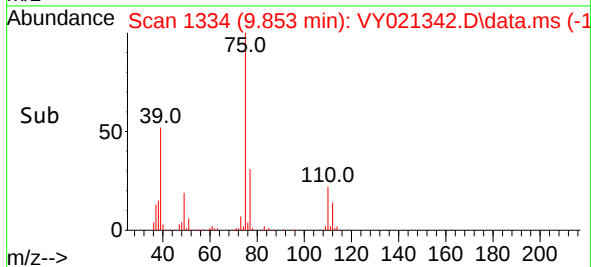
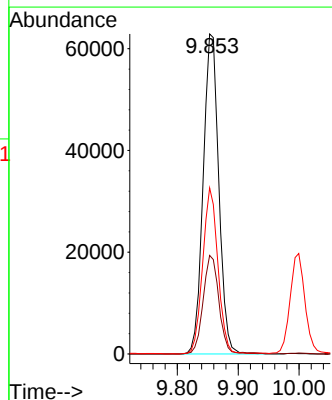
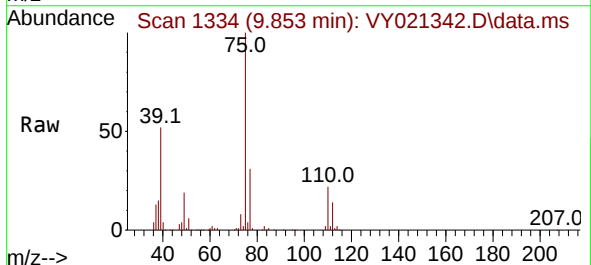
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-192-GW-725-727MS

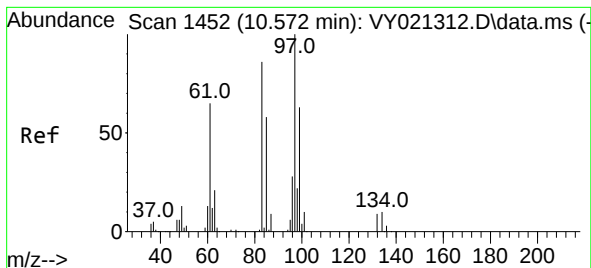
Tgt Ion: 75 Resp: 94800
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 39.037 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY021342.D
 Acq: 26 Feb 2025 19:21

Tgt Ion: 75 Resp: 112176
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5
 39 51.9 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 40.878 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

Tgt Ion: 97 Resp: 53062

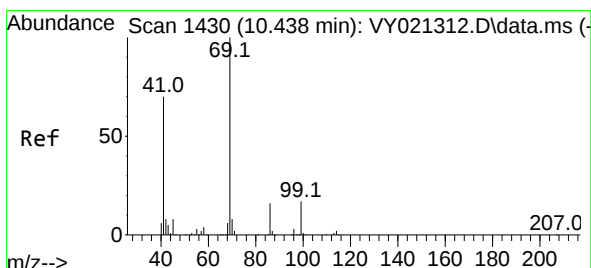
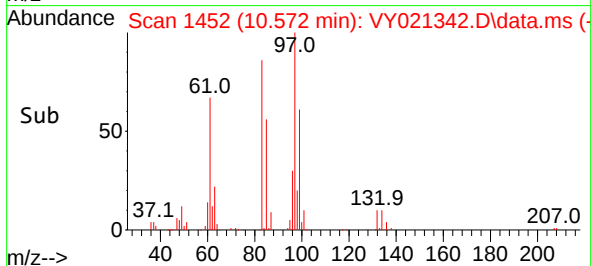
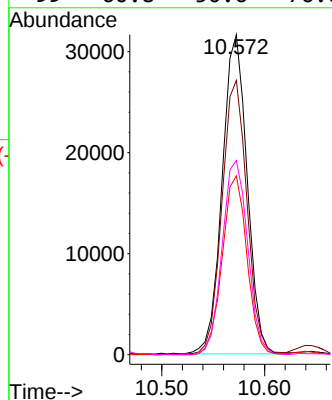
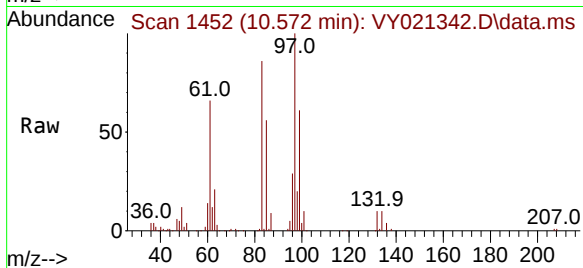
Ion Ratio Lower Upper

97 100

83 85.7 68.7 103.1

85 56.1 46.3 69.5

99 60.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 38.906 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

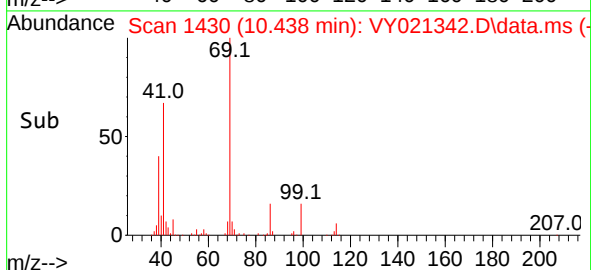
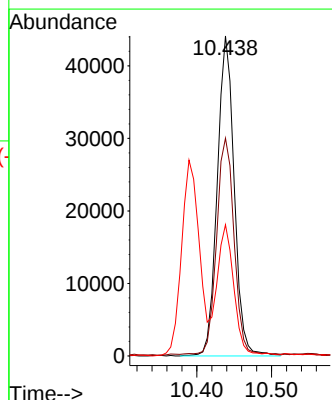
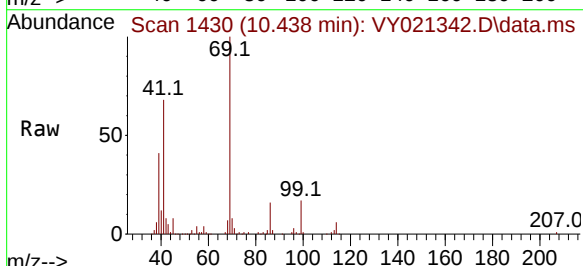
Tgt Ion: 69 Resp: 69781

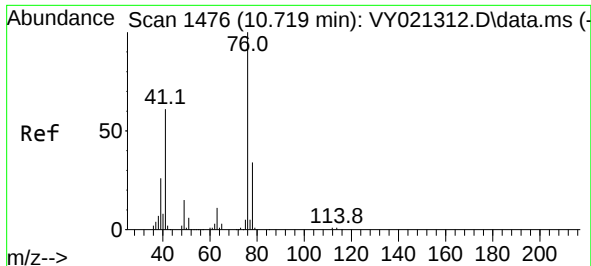
Ion Ratio Lower Upper

69 100

41 70.7 56.2 84.4

39 40.8 32.7 49.1





#57

1,3-Dichloropropane

Concen: 40.874 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

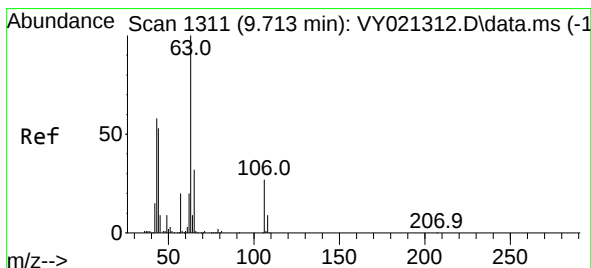
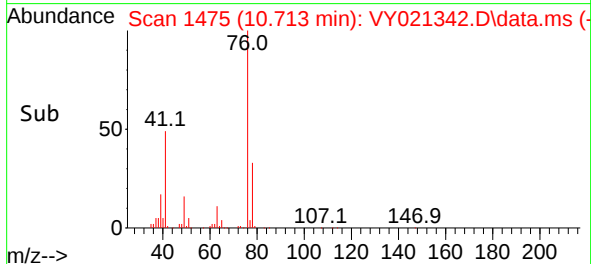
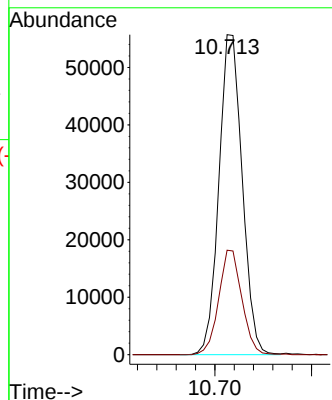
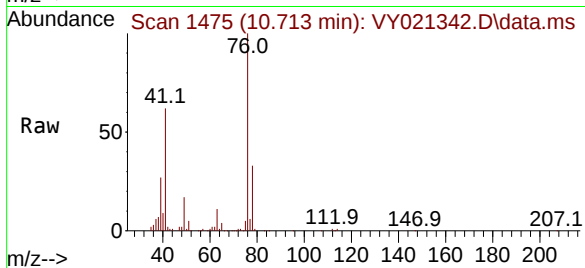
BP-VPB-192-GW-725-727MS

Tgt Ion: 76 Resp: 93102

Ion Ratio Lower Upper

76 100

78 32.5 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 6.496 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021342.D

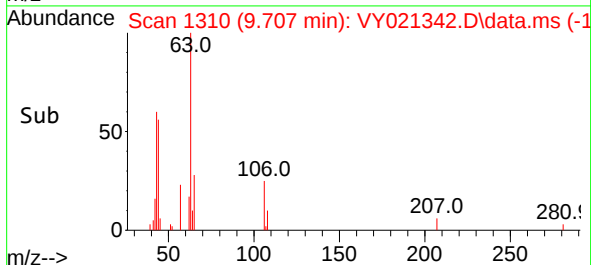
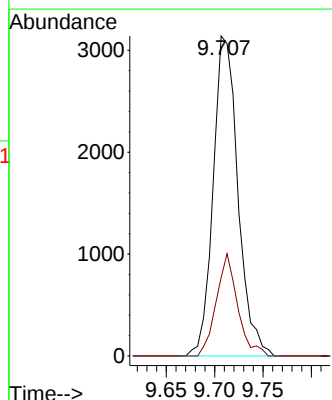
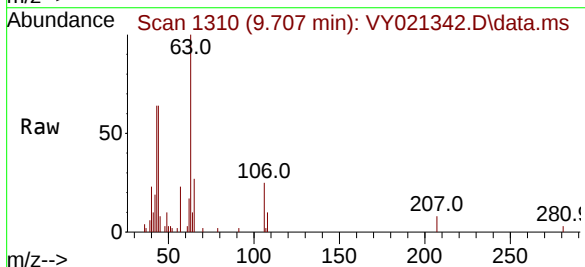
Acq: 26 Feb 2025 19:21

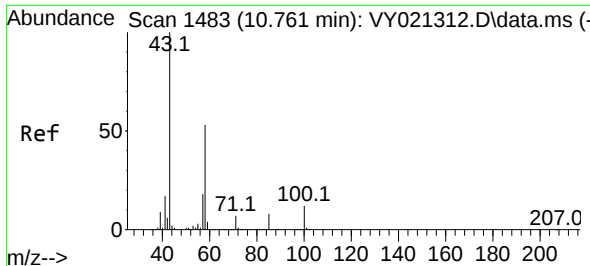
Tgt Ion: 63 Resp: 5592

Ion Ratio Lower Upper

63 100

106 27.5 21.7 32.5

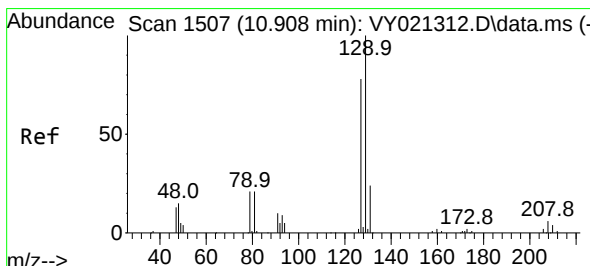
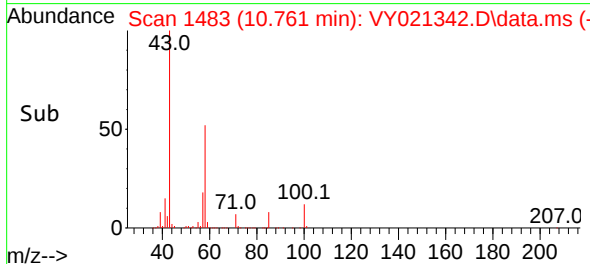
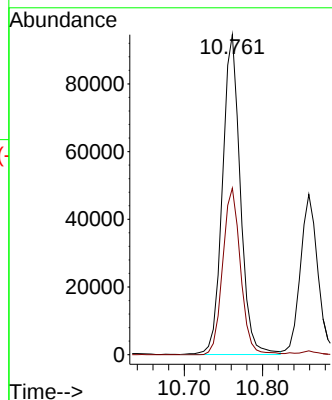
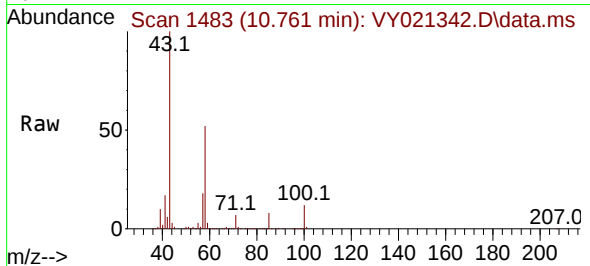




#59
2-Hexanone
Concen: 180.470 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

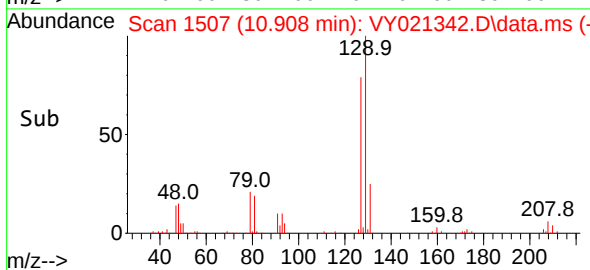
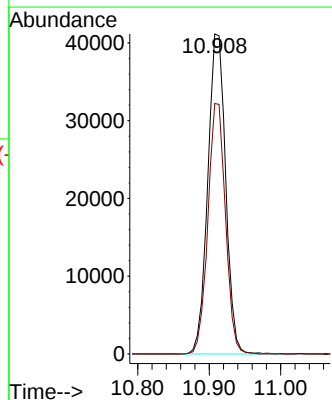
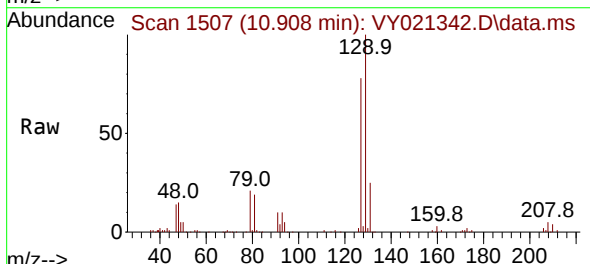
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

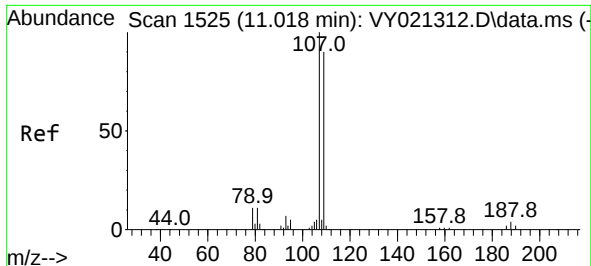
Tgt Ion: 43 Resp: 149683
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.6



#60
Dibromochloromethane
Concen: 40.400 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:129 Resp: 71421
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4

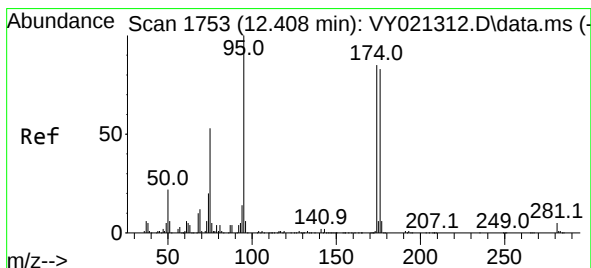
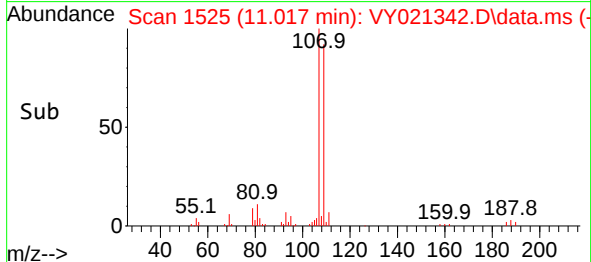
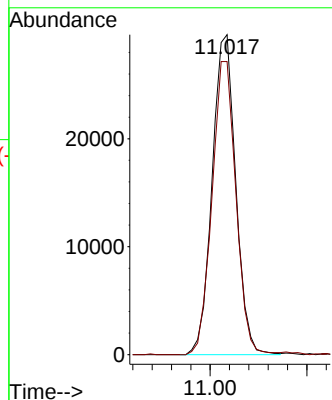
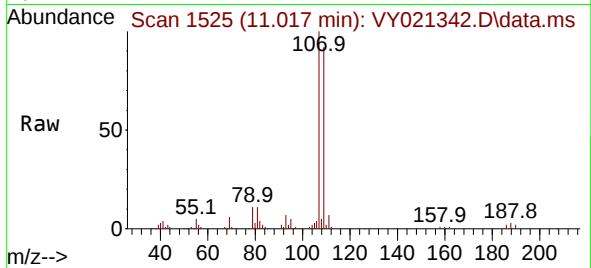




#61
1,2-Dibromoethane
Concen: 40.819 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

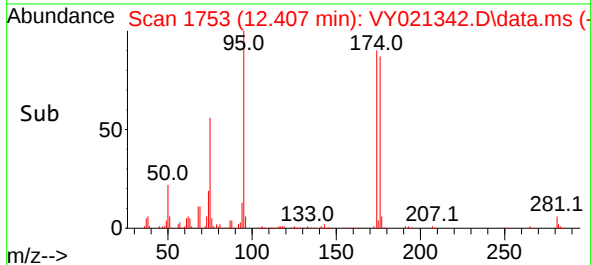
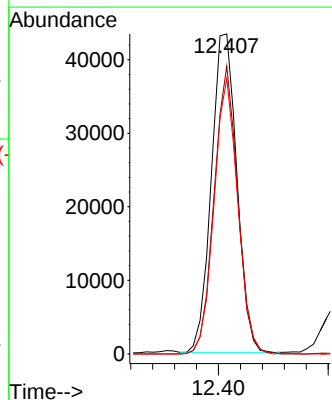
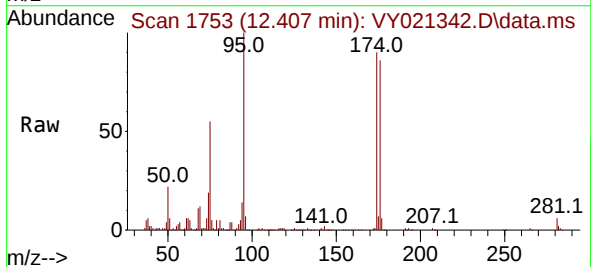
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

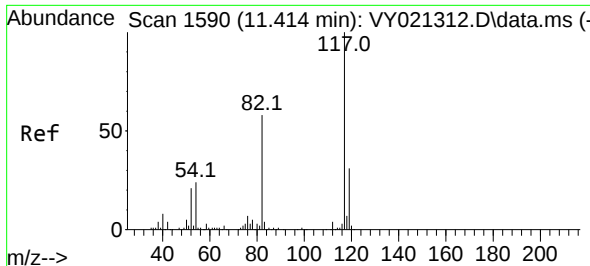
Tgt Ion:107 Resp: 50162
Ion Ratio Lower Upper
107 100
109 93.1 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 31.436 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 95 Resp: 69748
Ion Ratio Lower Upper
95 100
174 84.0 0.0 168.0
176 80.7 0.0 162.6

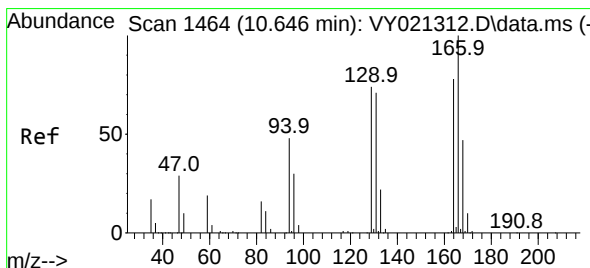
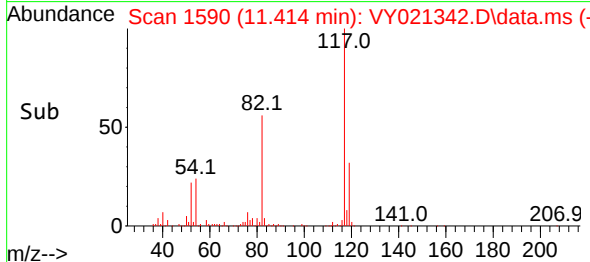
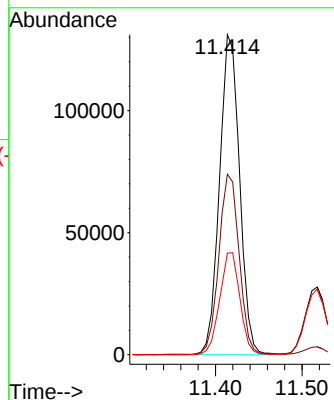
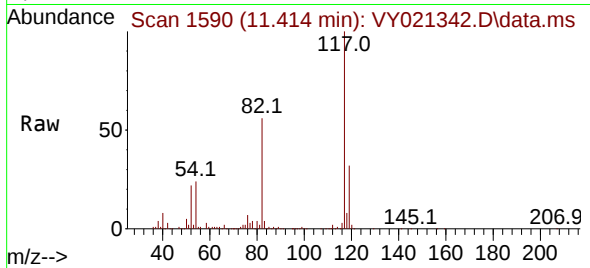




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

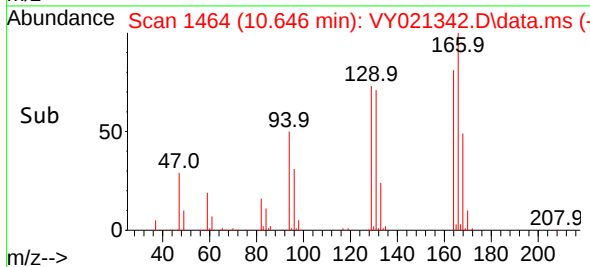
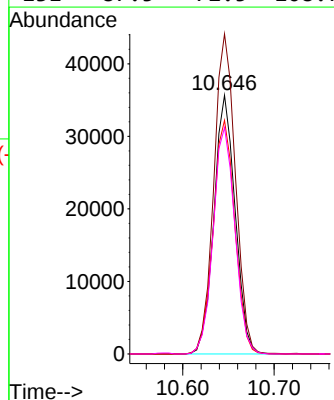
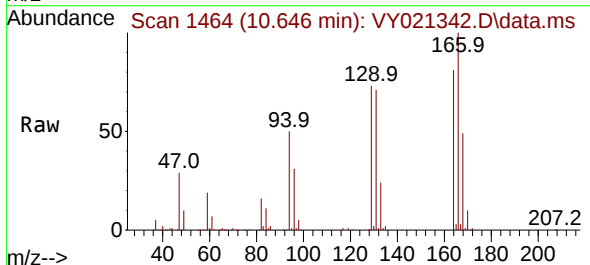
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

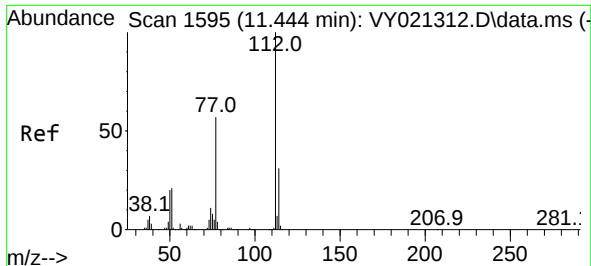
Tgt Ion:117 Resp: 210847
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.8 24.9 37.3



#64
Tetrachloroethene
Concen: 36.059 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:164 Resp: 57467
Ion Ratio Lower Upper
164 100
166 123.7 101.9 152.9
129 90.3 75.5 113.3
131 87.5 72.5 108.7

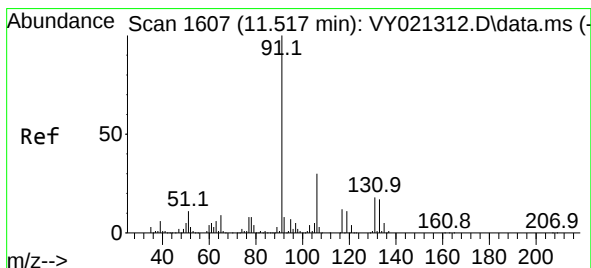
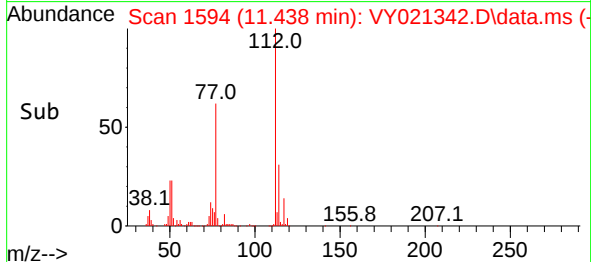
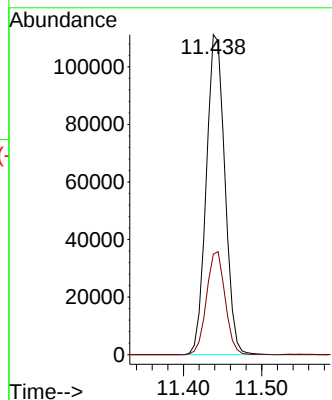
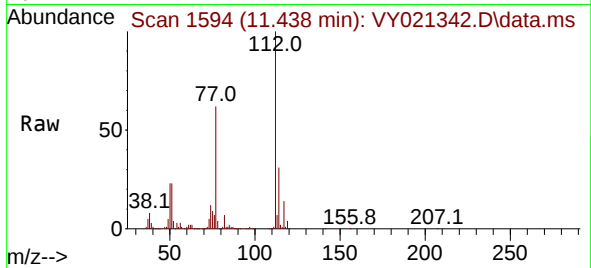




#65
Chlorobenzene
Concen: 38.632 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

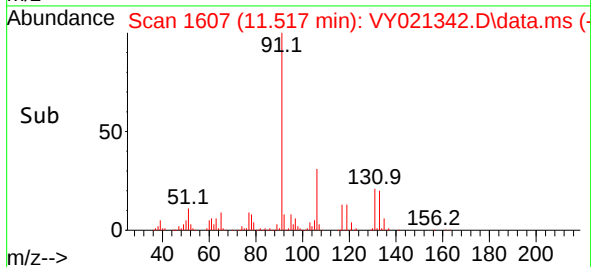
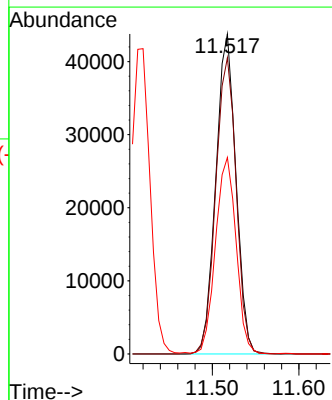
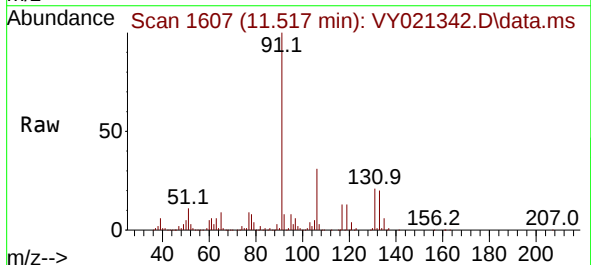
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

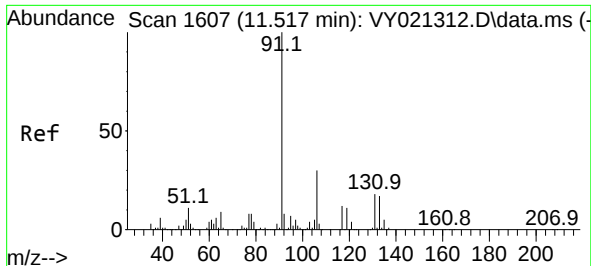
Tgt Ion:112 Resp: 182843
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 42.677 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:131 Resp: 70727
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 62.8 31.7 95.1

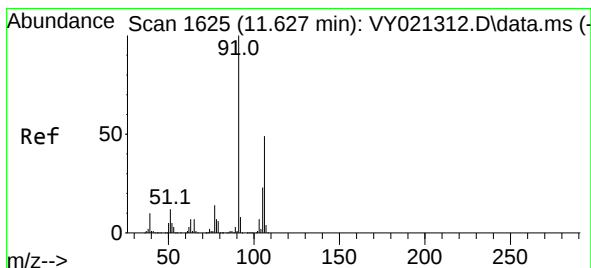
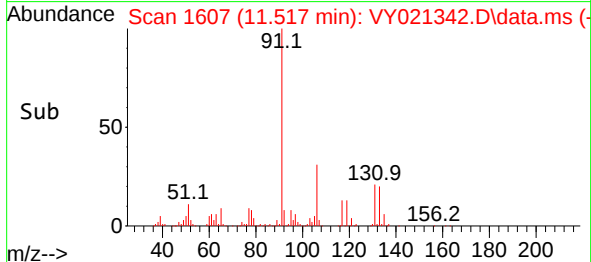
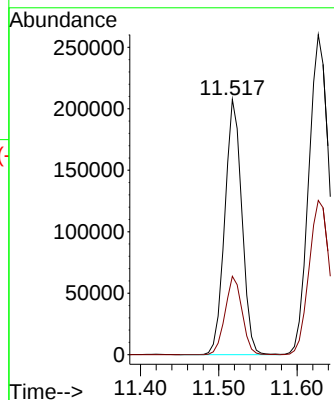
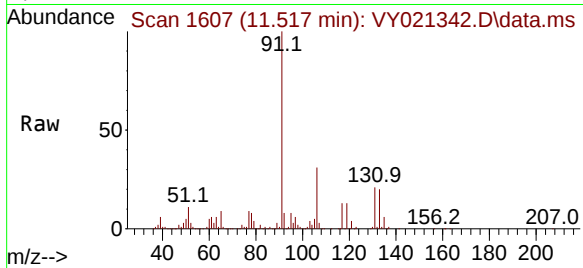




#67
Ethyl Benzene
Concen: 37.529 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

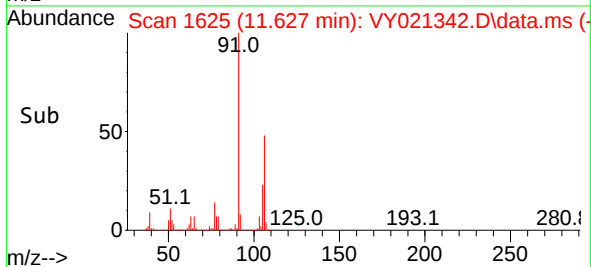
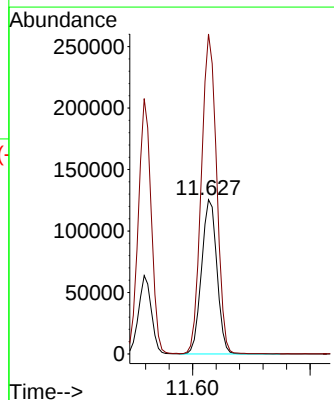
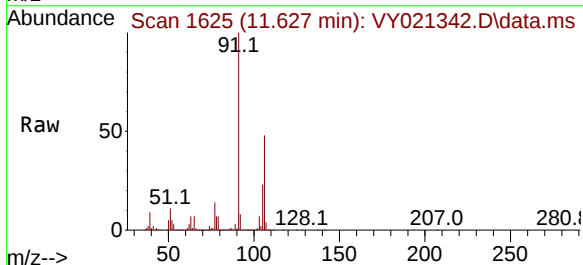
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

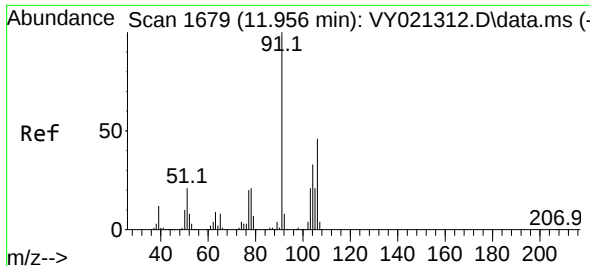
Tgt Ion: 91 Resp: 314620
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6



#68
m/p-Xylenes
Concen: 72.376 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:106 Resp: 228225
Ion Ratio Lower Upper
106 100
91 205.4 163.9 245.9

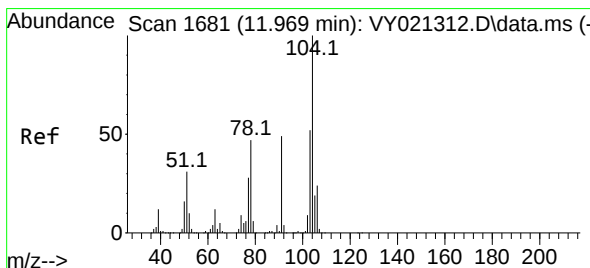
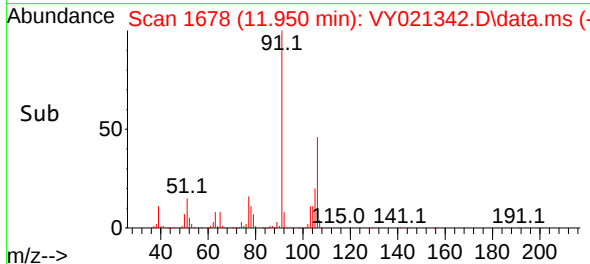
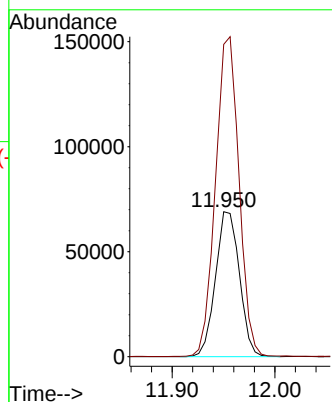
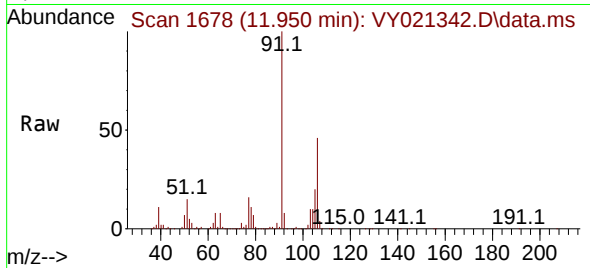




#69
o-Xylene
Concen: 37.699 ug/l
RT: 11.950 min Scan# 111364
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

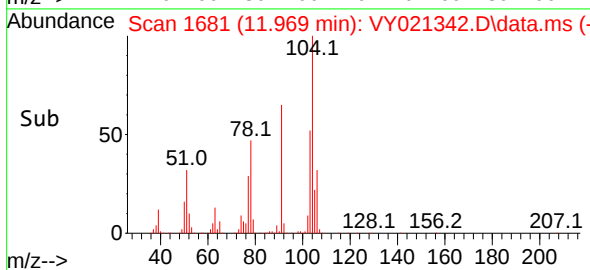
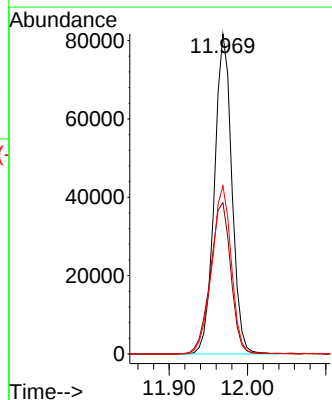
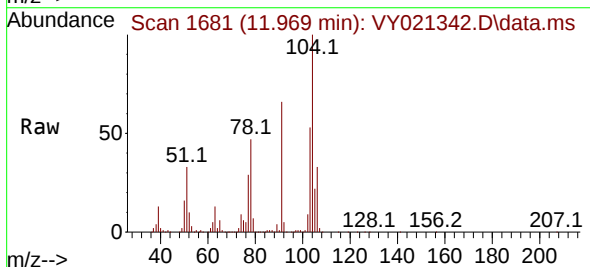
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

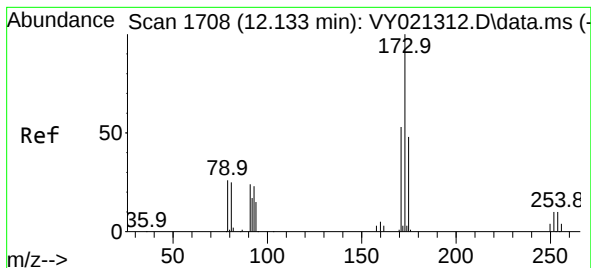
Tgt Ion:106 Resp: 111364
Ion Ratio Lower Upper
106 100
91 217.4 108.1 324.2



#70
Styrene
Concen: 25.722 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:104 Resp: 126425
Ion Ratio Lower Upper
104 100
78 55.5 41.3 61.9
103 58.8 43.9 65.9





#71

Bromoform

Concen: 41.654 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

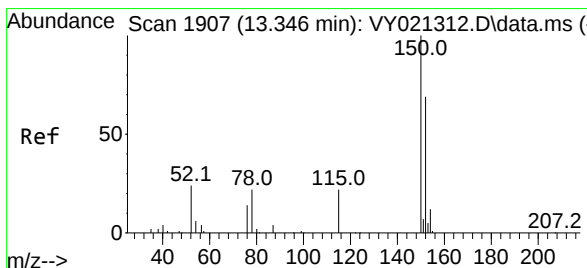
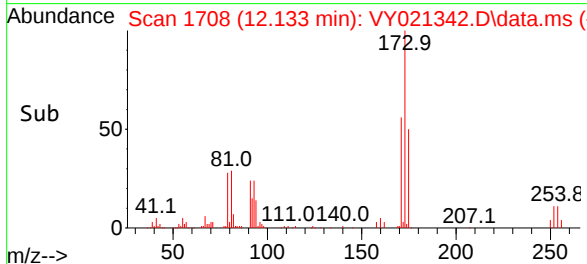
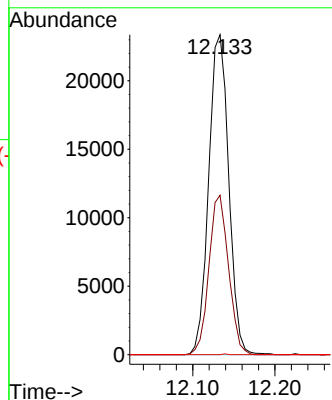
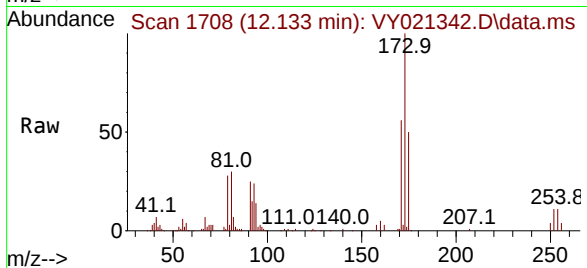
Tgt Ion:173 Resp: 39491

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

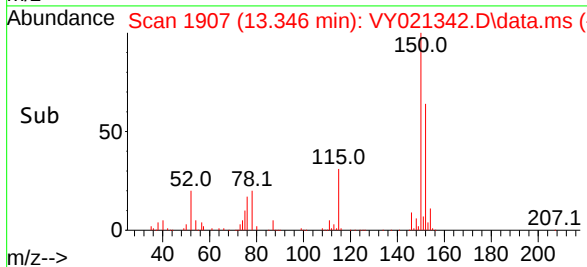
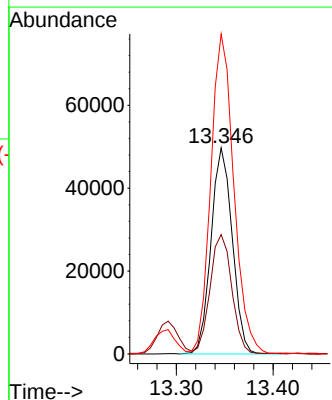
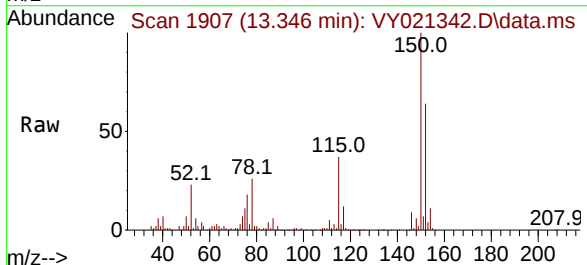
Tgt Ion:152 Resp: 76053

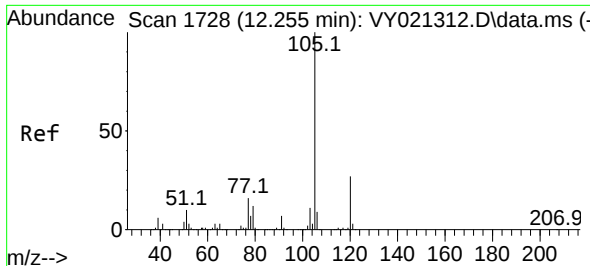
Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

150 168.4 0.0 347.4

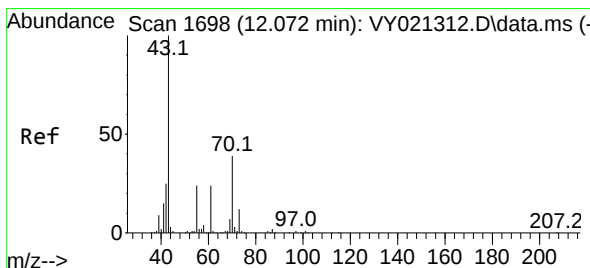
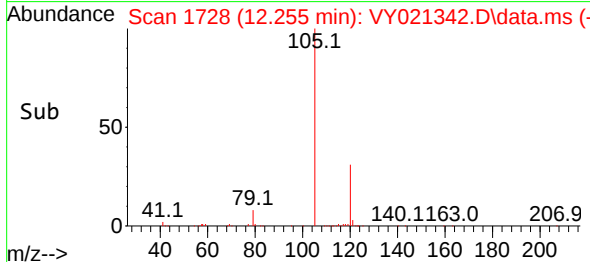
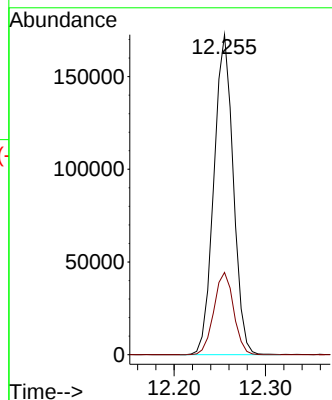
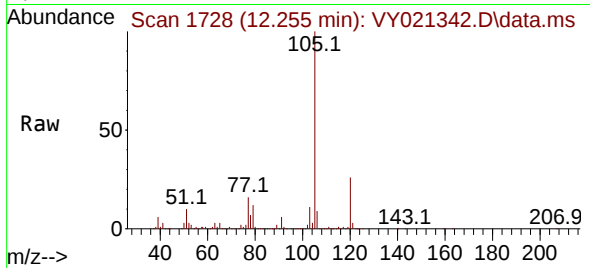




#73
Isopropylbenzene
Concen: 44.384 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

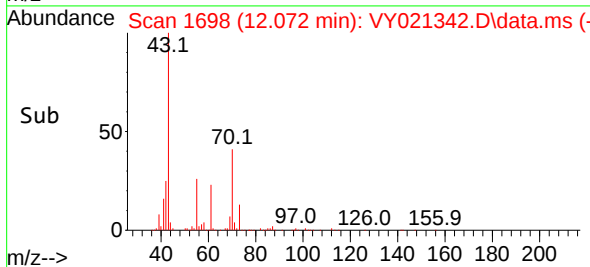
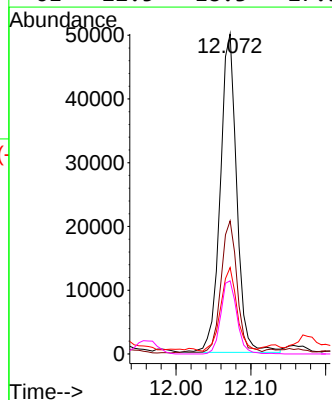
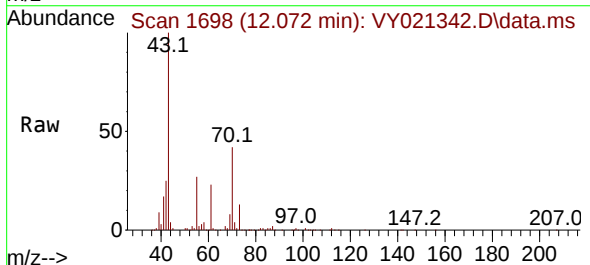
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

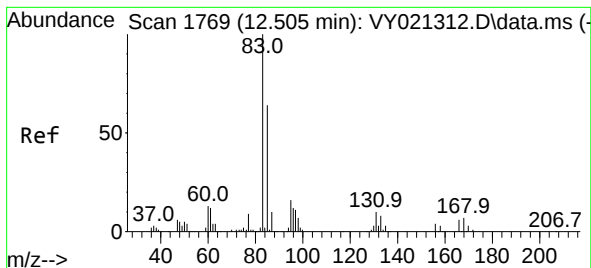
Tgt Ion:105 Resp: 253772
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.8



#74
N-ethyl acetate
Concen: 52.878 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 43 Resp: 76847
Ion Ratio Lower Upper
43 100
70 39.7 32.2 48.2
55 25.6 19.6 29.4
61 22.5 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.521 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

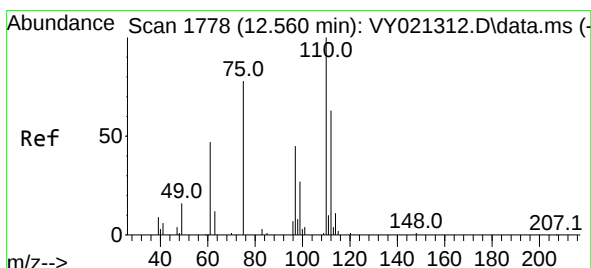
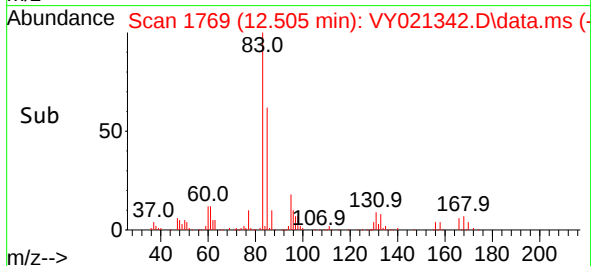
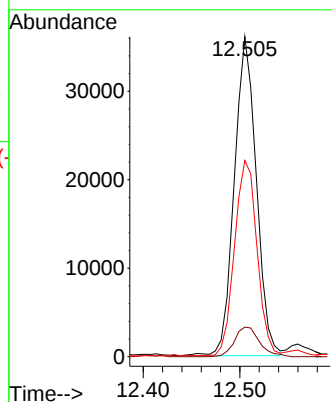
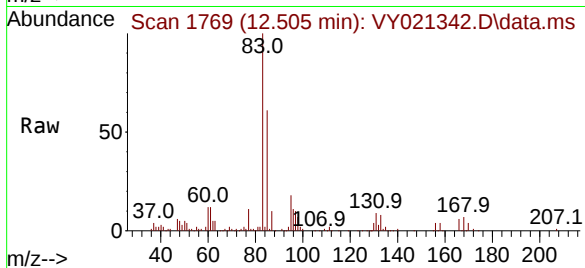
Tgt Ion: 83 Resp: 57034

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 62.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 92.085 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021342.D

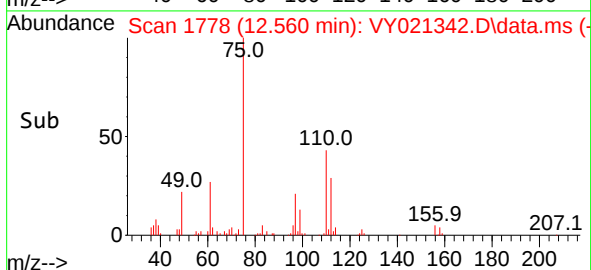
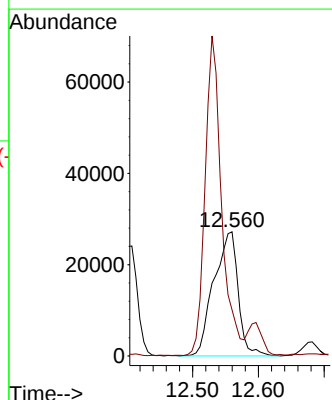
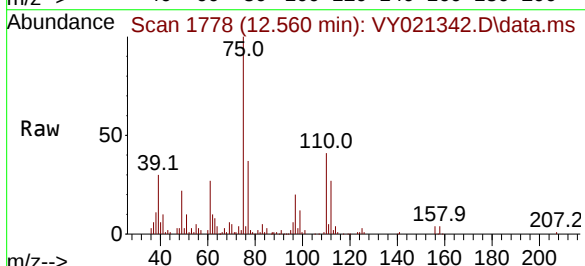
Acq: 26 Feb 2025 19:21

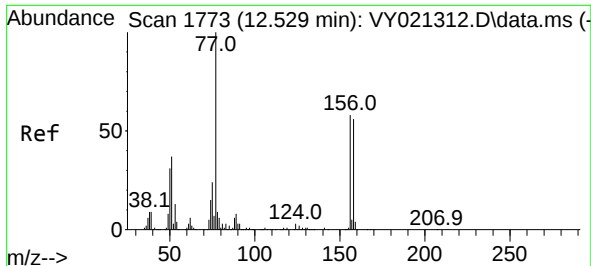
Tgt Ion: 75 Resp: 70100

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

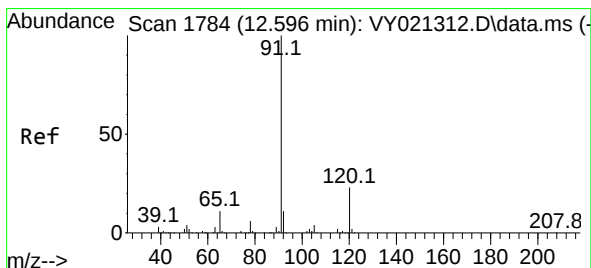
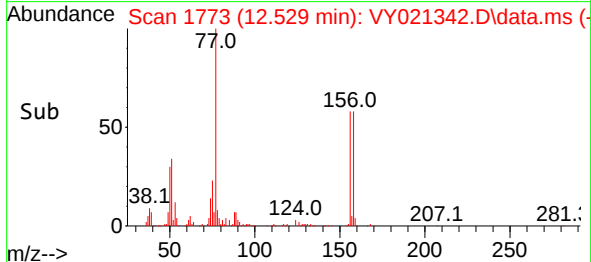
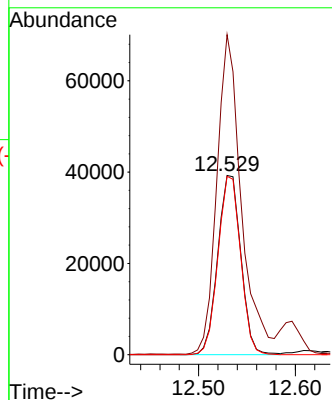
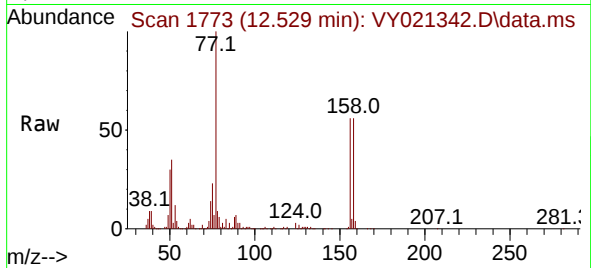




#77
Bromobenzene
Concen: 49.018 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

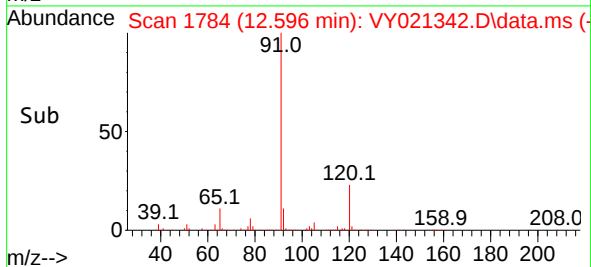
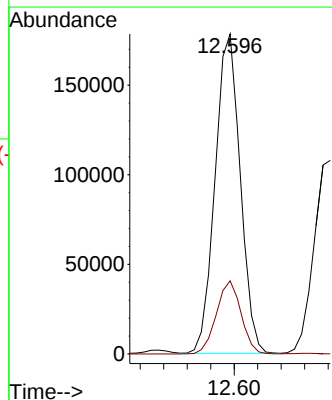
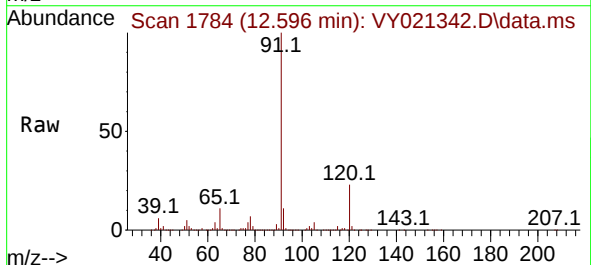
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

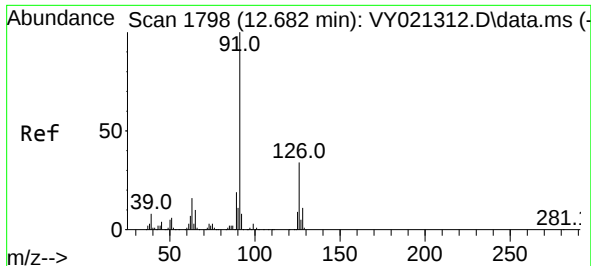
Tgt Ion:156 Resp: 65189
Ion Ratio Lower Upper
156 100
77 188.0 94.0 282.1
158 97.3 48.7 146.1



#78
n-propylbenzene
Concen: 38.144 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 91 Resp: 264648
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.5

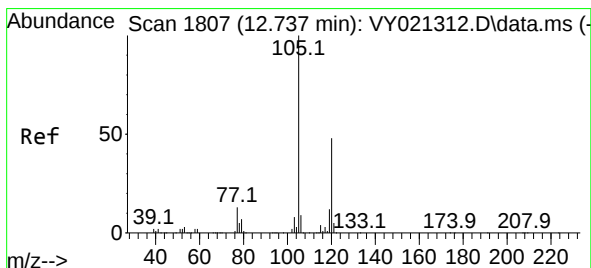
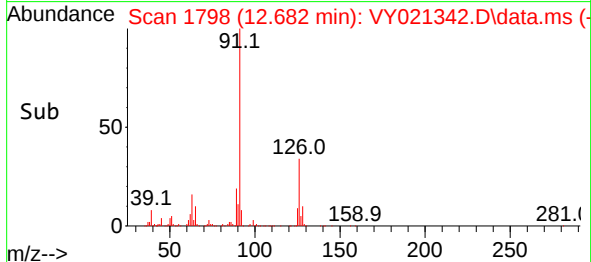
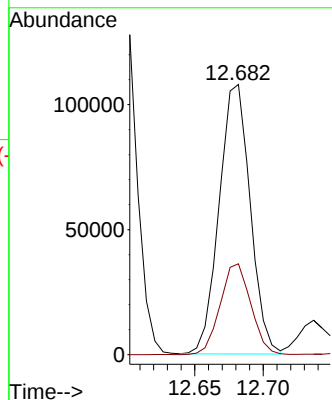
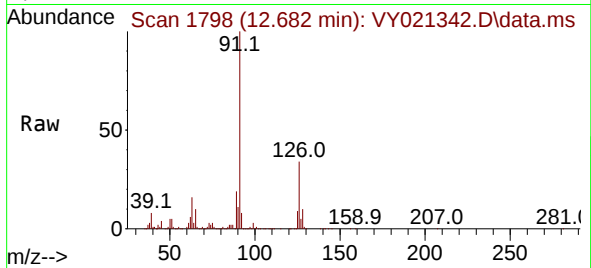




#79
2-Chlorotoluene
Concen: 42.735 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

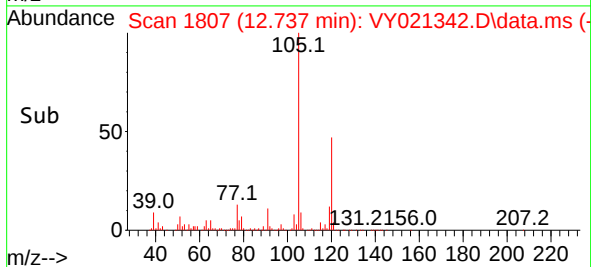
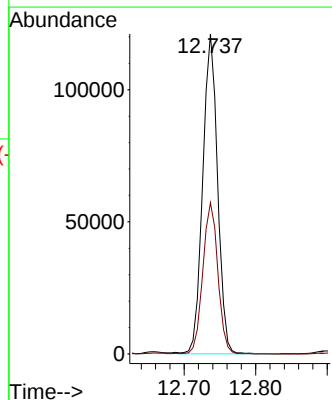
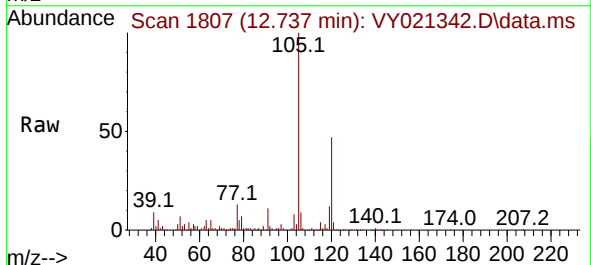
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

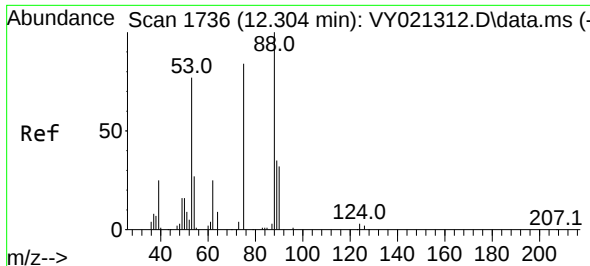
Tgt Ion: 91 Resp: 170166
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 37.106 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 105 Resp: 174002
Ion Ratio Lower Upper
105 100
120 48.1 24.3 73.0

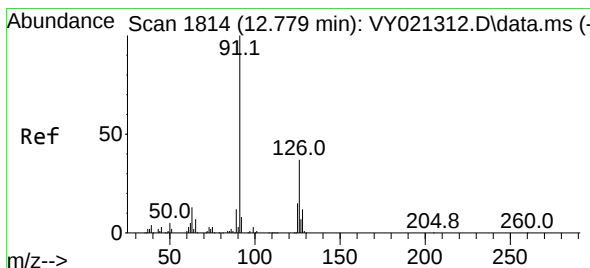
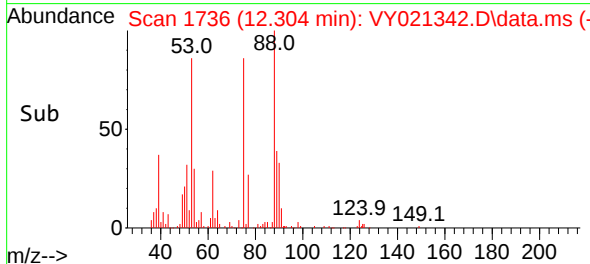
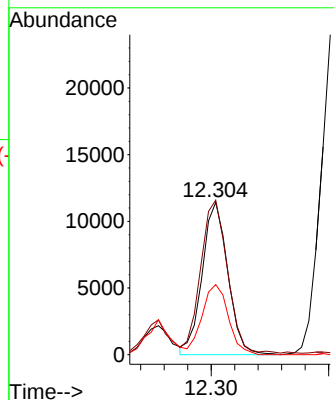
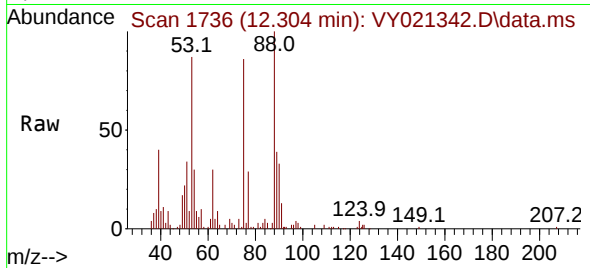




#81
trans-1,4-Dichloro-2-butene
Concen: 50.649 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

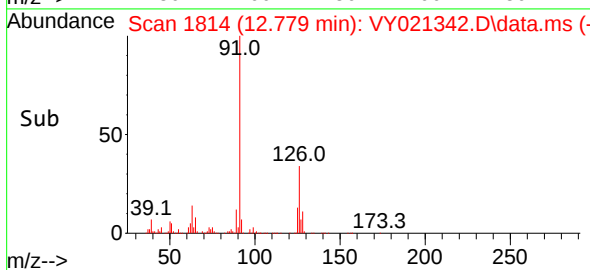
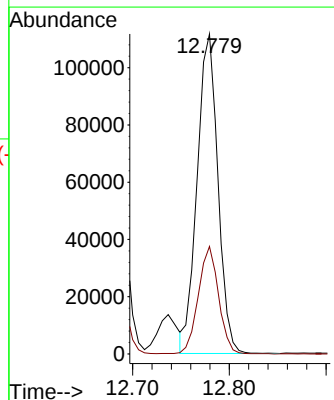
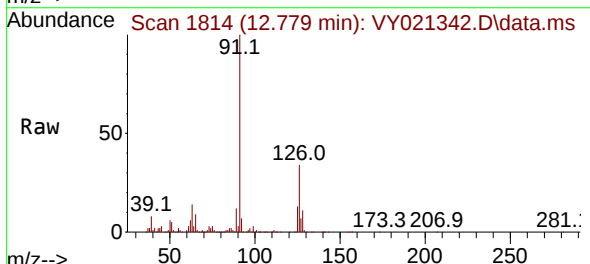
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

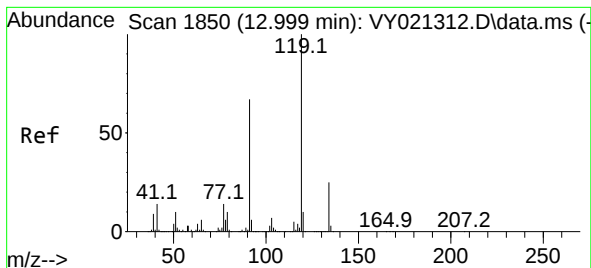
Tgt Ion:	75	Resp:	17347
Ion	Ratio	Lower	Upper
75	100		
53	104.0	79.1	118.7
89	46.8	35.6	53.4



#82
4-Chlorotoluene
Concen: 40.414 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:	91	Resp:	166815
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.8	50.4





#83

tert-Butylbenzene

Concen: 36.395 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

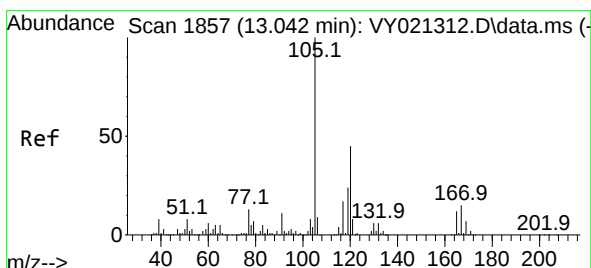
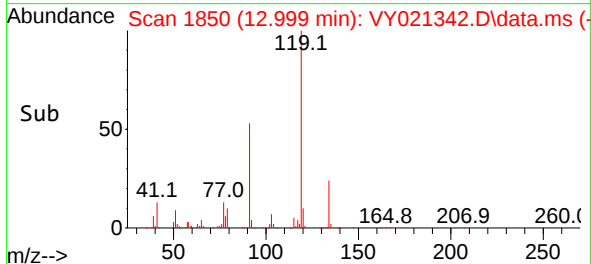
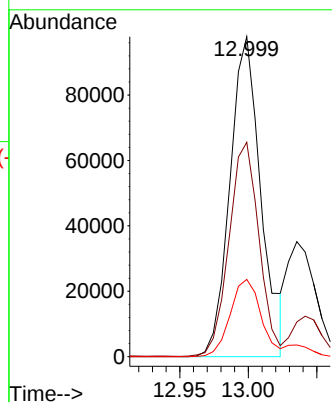
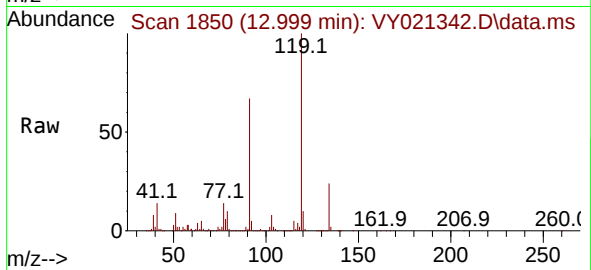
Tgt Ion:119 Resp: 154167

Ion Ratio Lower Upper

119 100

91 64.7 32.7 98.1

134 24.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 37.797 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021342.D

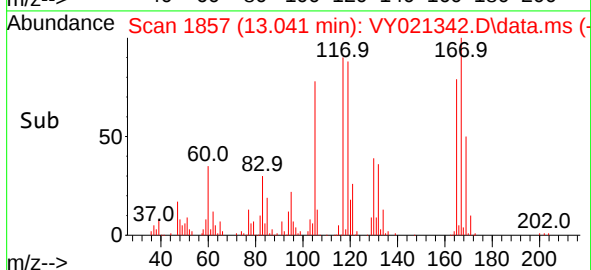
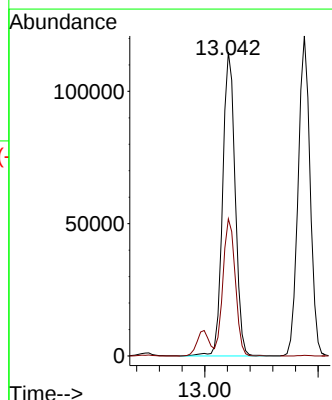
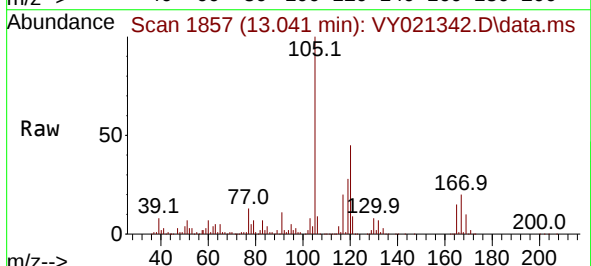
Acq: 26 Feb 2025 19:21

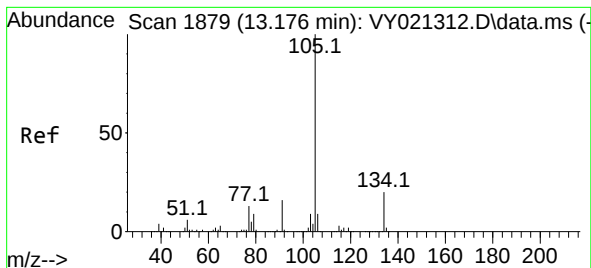
Tgt Ion:105 Resp: 176279

Ion Ratio Lower Upper

105 100

120 44.3 22.4 67.3





#85

sec-Butylbenzene

Concen: 28.477 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

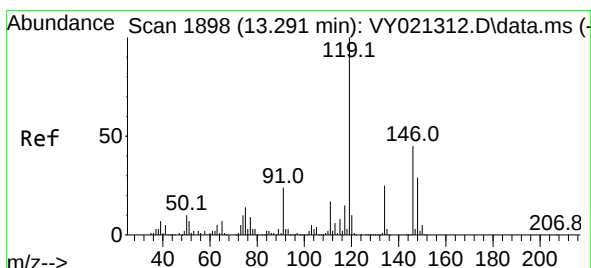
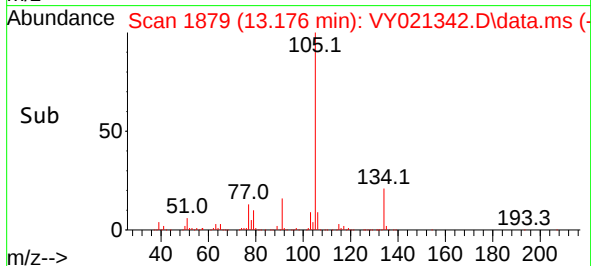
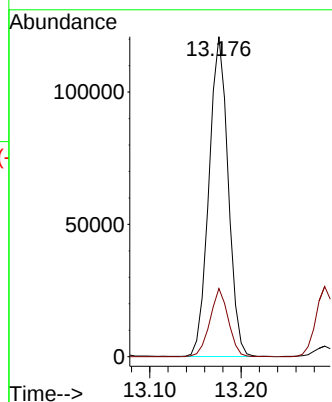
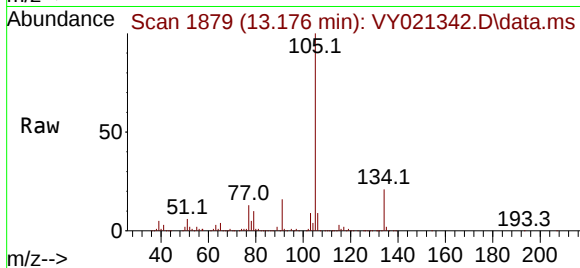
BP-VPB-192-GW-725-727MS

Tgt Ion:105 Resp: 176198

Ion Ratio Lower Upper

105 100

134 20.4 10.0 30.0



#86

p-Isopropyltoluene

Concen: 27.756 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

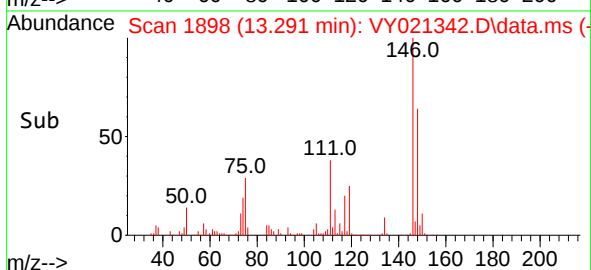
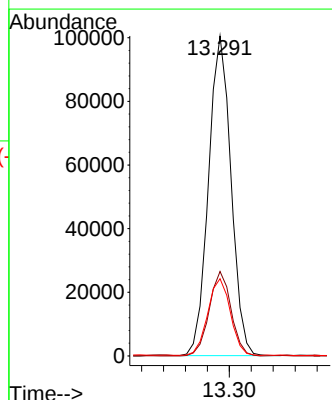
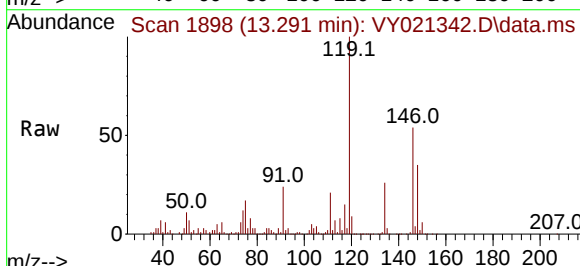
Tgt Ion:119 Resp: 143404

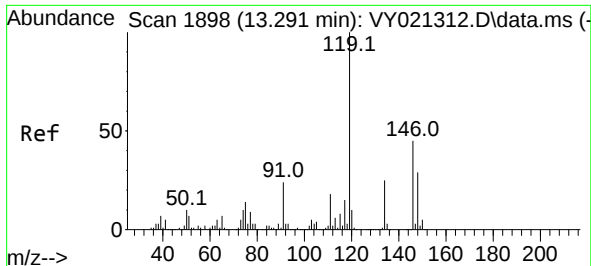
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 24.1 12.0 36.1

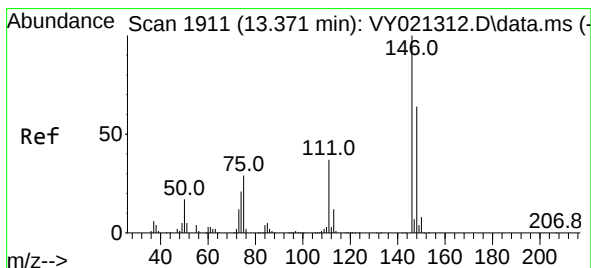
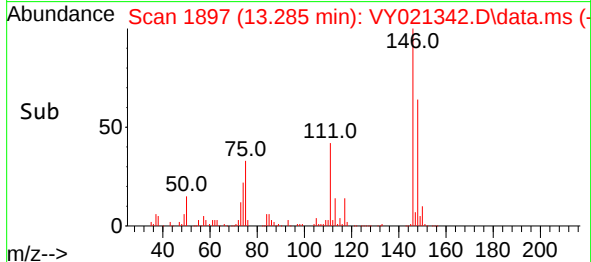
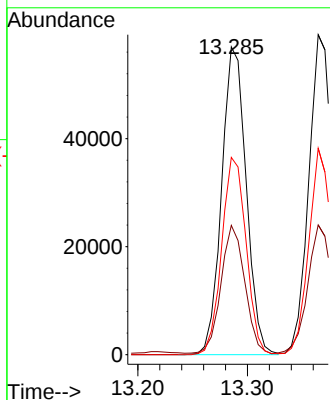
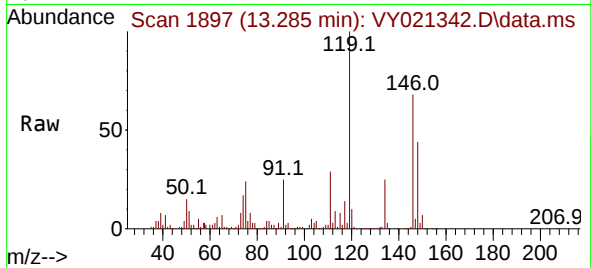




#87
1,3-Dichlorobenzene
Concen: 33.704 ug/l
RT: 13.285 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

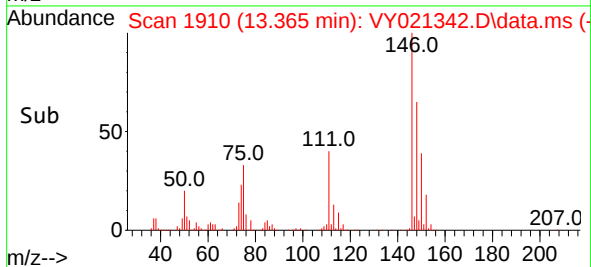
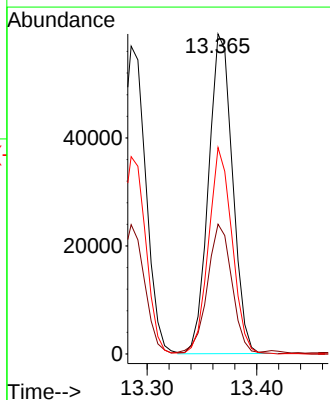
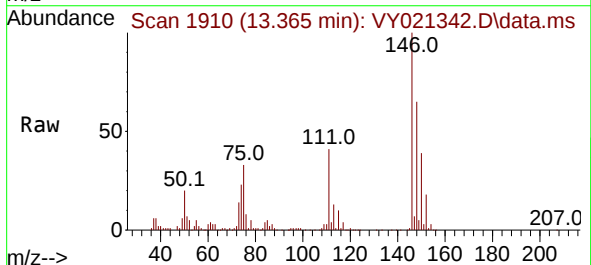
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

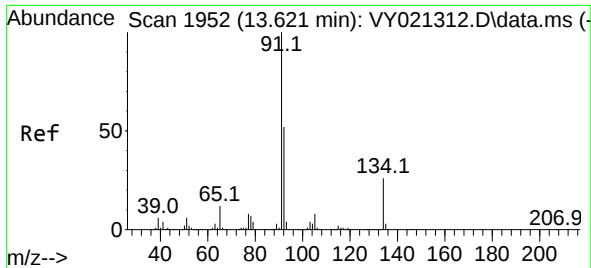
Tgt Ion:146 Resp: 88665
Ion Ratio Lower Upper
146 100
111 40.4 20.0 59.9
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 34.721 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:146 Resp: 90233
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 63.2 32.0 96.2

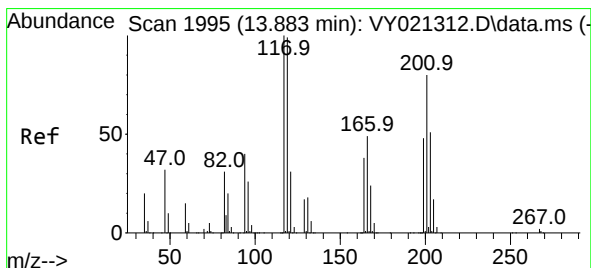
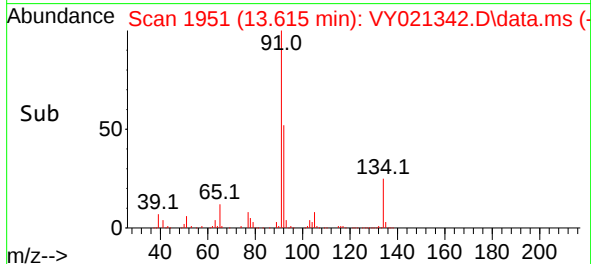
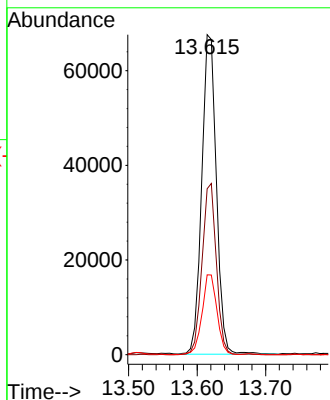
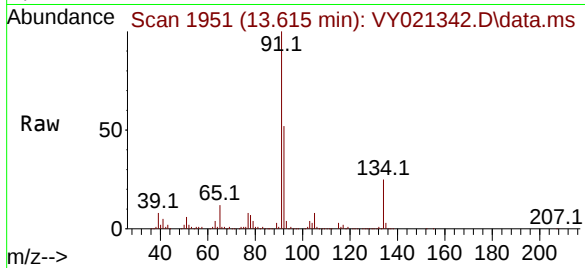




#89
n-Butylbenzene
Concen: 20.665 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

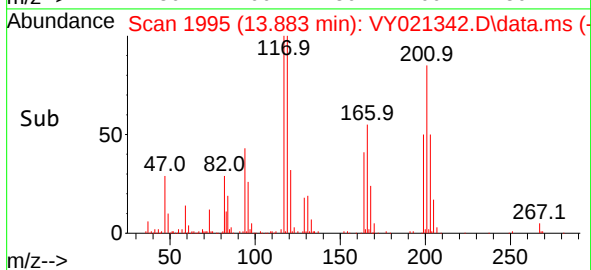
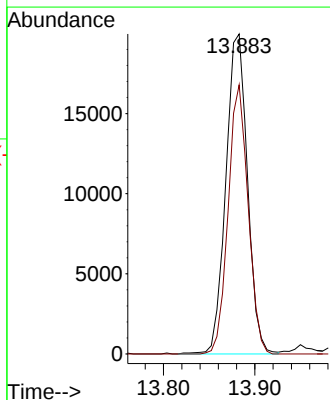
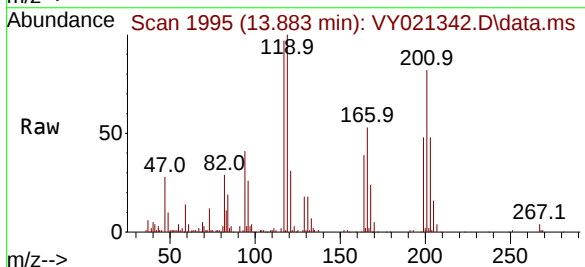
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

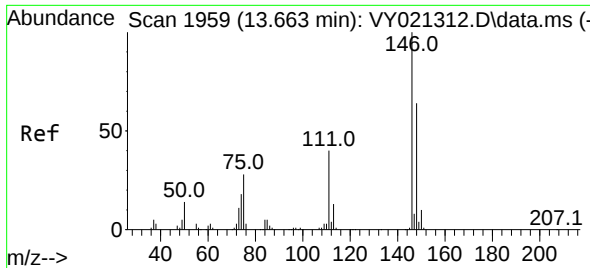
Tgt Ion: 91 Resp: 100472
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.2
134 25.5 12.7 38.0



#90
Hexachloroethane
Concen: 30.438 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 117 Resp: 32849
Ion Ratio Lower Upper
117 100
201 77.5 38.4 115.2

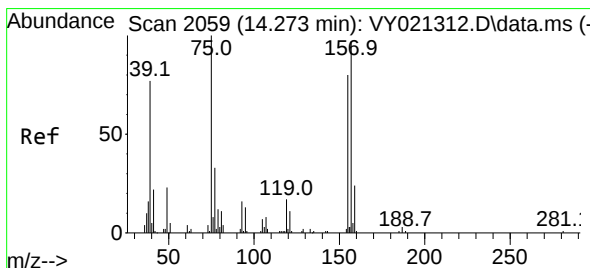
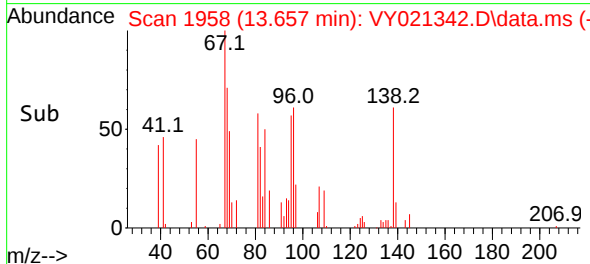
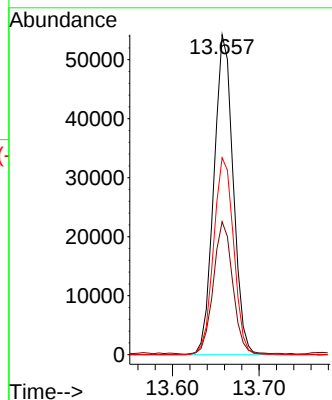
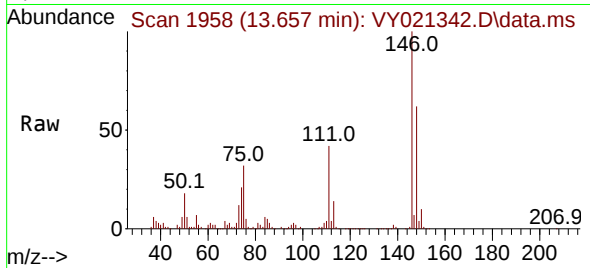




#91
1,2-Dichlorobenzene
Concen: 36.312 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

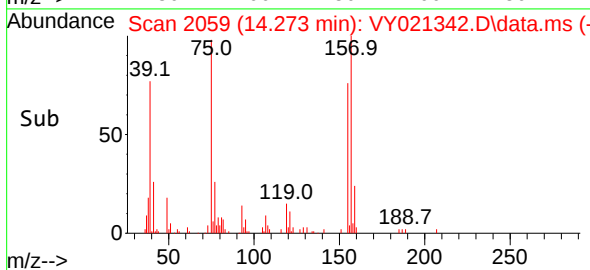
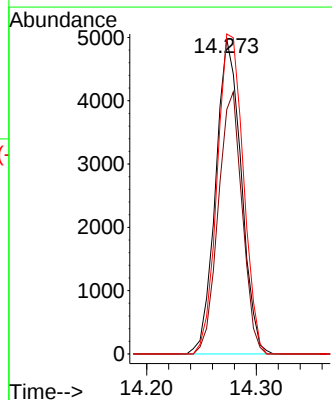
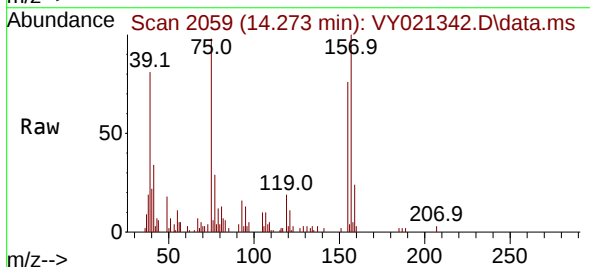
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

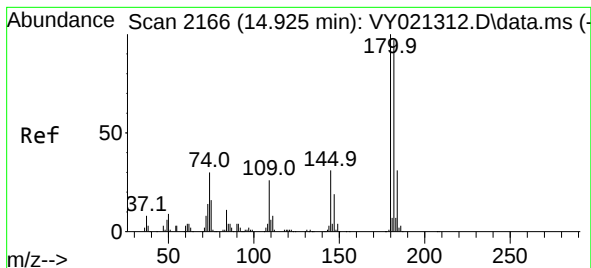
Tgt Ion:146 Resp: 83694
Ion Ratio Lower Upper
146 100
111 42.0 20.7 62.1
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.542 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion: 75 Resp: 8068
Ion Ratio Lower Upper
75 100
155 77.9 41.9 125.6
157 103.7 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 13.193 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-192-GW-725-727MS

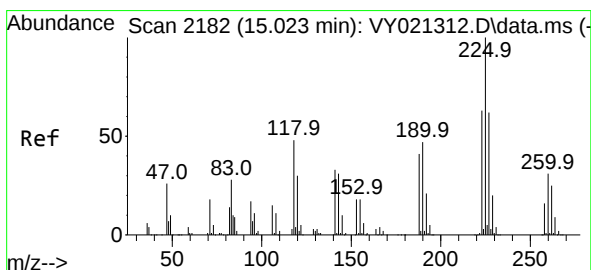
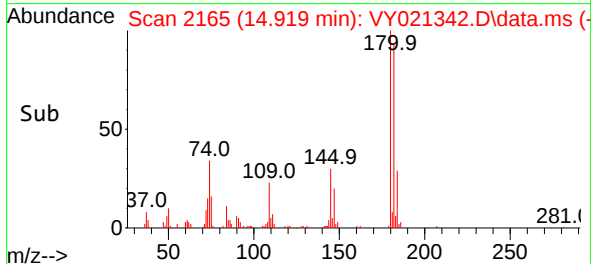
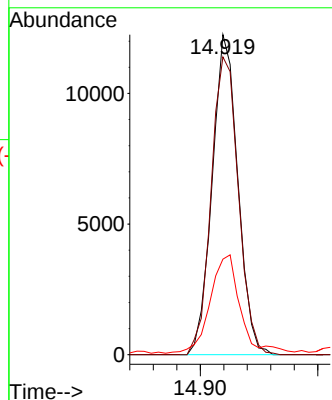
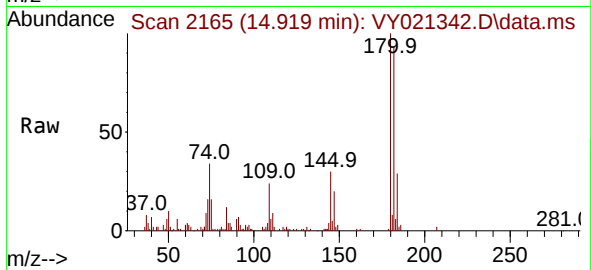
Tgt Ion:180 Resp: 18559

Ion Ratio Lower Upper

180 100

182 98.6 47.9 143.7

145 37.7 15.6 46.8



#94

Hexachlorobutadiene

Concen: 9.565 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY021342.D

Acq: 26 Feb 2025 19:21

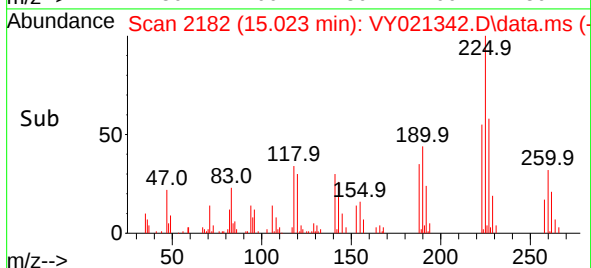
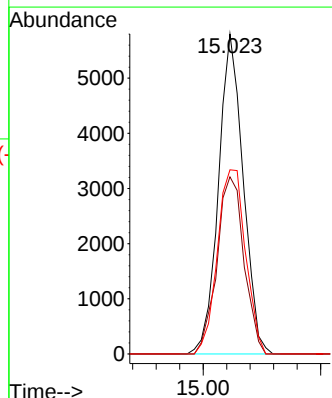
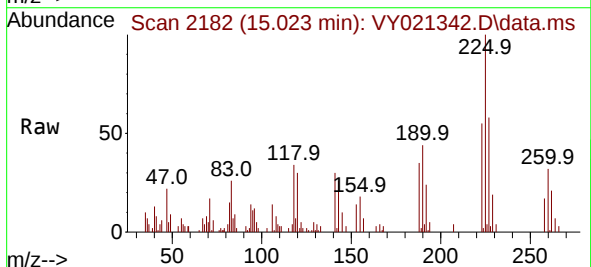
Tgt Ion:225 Resp: 8471

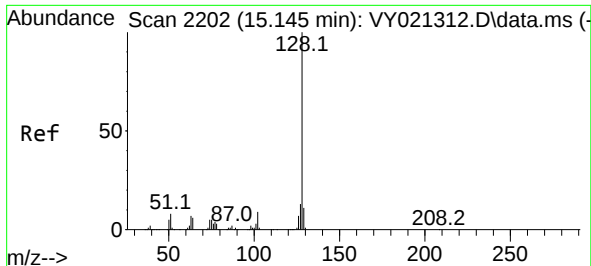
Ion Ratio Lower Upper

225 100

223 60.4 31.8 95.4

227 65.7 31.9 95.7

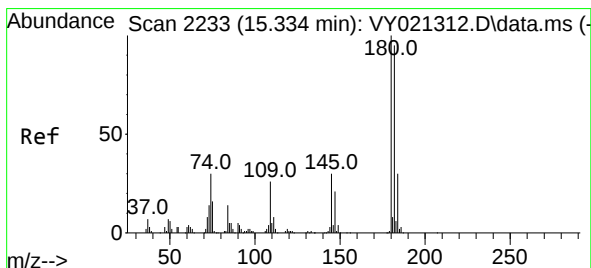
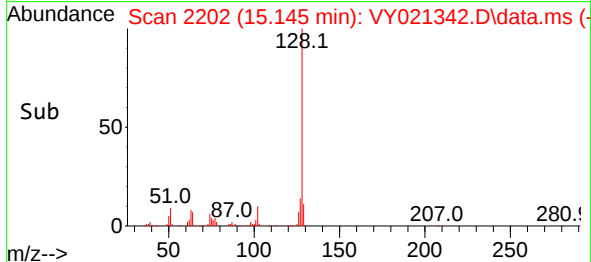
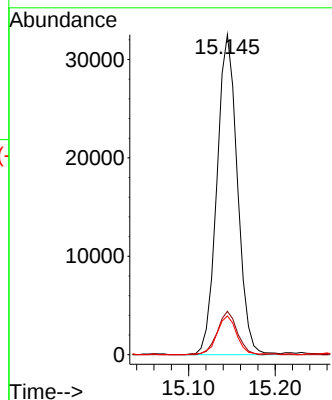
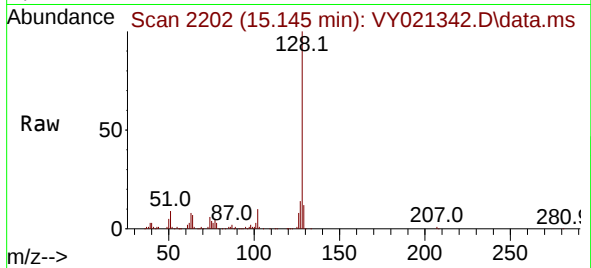




#95
Naphthalene
Concen: 22.930 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-192-GW-725-727MS

Tgt Ion:128 Resp: 53429
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 13.994 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021342.D
Acq: 26 Feb 2025 19:21

Tgt Ion:180 Resp: 16632
Ion Ratio Lower Upper
180 100
182 93.7 48.3 144.9
145 38.7 16.1 48.3

