

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022050.D
 Acq On : 29 Apr 2025 12:22
 Operator : SY/MD
 Sample : Q1872-23DL
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 30 01:33:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	274790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	444877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	398616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	202989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	128893	50.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.560%	
35) Dibromofluoromethane	7.634	113	146131	49.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.440%	
50) Toluene-d8	10.109	98	567972	51.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.407	95	176167	47.228	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.460%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.116	59	777	5.576	ug/l #	1
12) 1,1-Dichloroethene	3.787	96	99300	36.351	ug/l	95
15) Acrylonitrile	5.128	53	3346	6.500	ug/l #	27
16) Acetone	3.878	43	34838	91.302	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	249204	40.759	ug/l	97
20) Methylene Chloride	4.616	84	5486	1.709	ug/l	99
22) Diisopropyl ether	6.024	45	183849	25.973	ug/l	98
23) Vinyl Acetate	6.018	43	98360	25.784	ug/l #	68
25) 2-Butanone	6.896	43	46765	80.829	ug/l	91
26) 2,2-Dichloropropane	6.884	77	166890	38.808	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	37071	10.837	ug/l	77
28) Bromochloromethane	7.420	49	7283	3.822	ug/l #	3
30) Chloroform	7.420	83	108280	19.896	ug/l	96
31) Cyclohexane	7.713	56	5038	1.201	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	19675	4.984	ug/l #	48
37) Ethyl Acetate	6.896	43	46765	32.981	ug/l #	1
38) Carbon Tetrachloride	7.817	117	127978	27.128	ug/l	97
40) Benzene	8.079	78	283874	23.002	ug/l	99
42) 1,2-Dichloroethane	8.152	62	37736	12.350	ug/l	99
45) 1,2-Dichloropropane	9.140	63	39066	14.314	ug/l	100
46) Dibromomethane	9.426	93	5870	3.436	ug/l #	2
47) Bromodichloromethane	9.420	83	187884	44.022	ug/l	99
48) Methyl methacrylate	9.133	41	19349	15.371	ug/l #	6
49) 1,4-Dioxane	9.414	88	137	7.524	ug/l #	28
51) 4-Methyl-2-Pentanone	9.999	43	107247	75.133	ug/l	98
52) Toluene	10.170	92	368349	46.109	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	101756	27.796	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	103440	23.770	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	41313	18.103	ug/l	98
59) 2-Hexanone	10.761	43	68399	72.648	ug/l	95
60) Dibromochloromethane	10.908	129	57740	18.275	ug/l	100
64) Tetrachloroethene	10.645	164	96153	25.570	ug/l	99
65) Chlorobenzene	11.444	112	208808	23.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	124374	39.632	ug/l	99
67) Ethyl Benzene	11.627	91	312370	21.422	ug/l #	65
68) m/p-Xylenes	11.627	106	161265	27.792	ug/l	99

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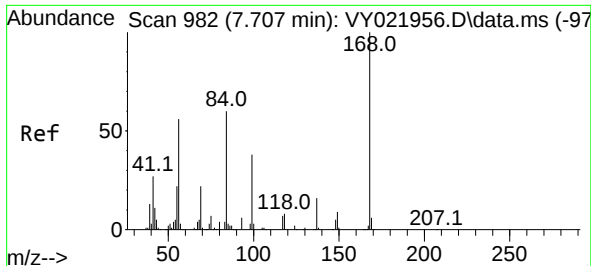
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	11.956	106	162292	30.346	ug/l	98
70) Styrene	11.968	104	279394	31.114	ug/l	99
71) Bromoform	12.133	173	43782	23.996	ug/l #	99
76) 1,2,3-Trichloropropane	12.560	75	48730	28.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	84220	116.647	ug/l #	16
83) tert-Butylbenzene	13.041	119	56810	5.669	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.041	105	422779	37.827	ug/l	99
85) sec-Butylbenzene	13.041	105	422779	28.830	ug/l #	56
86) p-Isopropyltoluene	13.041	119	56386	4.528	ug/l #	17
87) 1,3-Dichlorobenzene	13.364	146	44739	6.428	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	44739	6.490	ug/l	97
89) n-Butylbenzene	13.620	91	134799	12.111	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	78278	12.895	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	41502	12.064	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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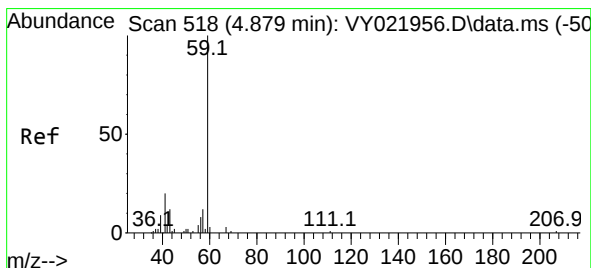
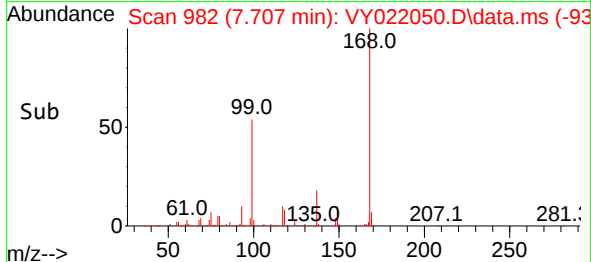
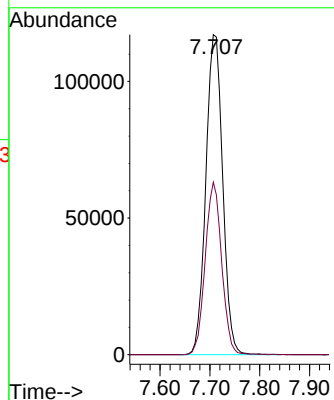
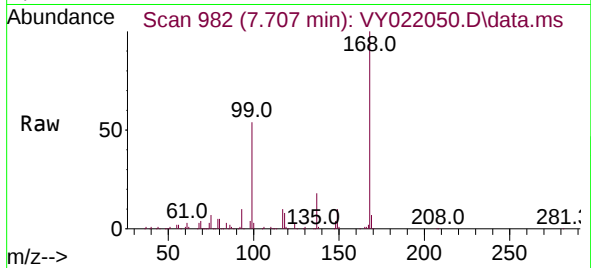




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

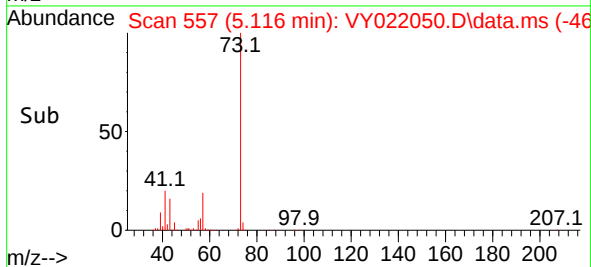
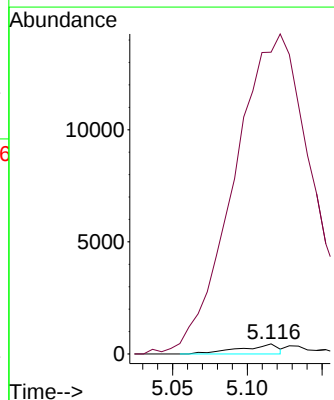
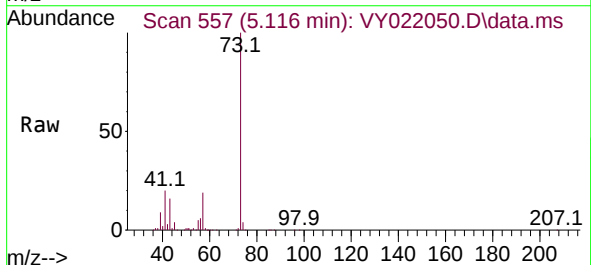
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

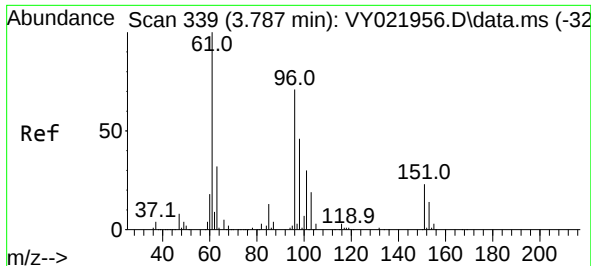
Tgt Ion:168 Resp: 274790
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#11
Tert butyl alcohol
Concen: 5.576 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.237 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 59 Resp: 777
Ion Ratio Lower Upper
59 100
57 6305.3 9.3 13.9#

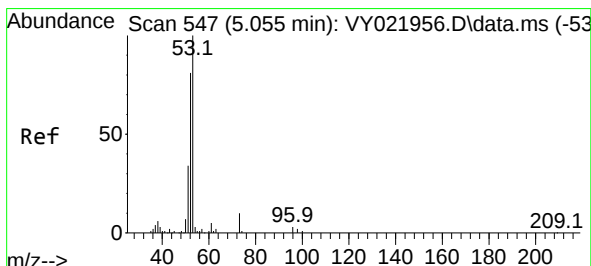
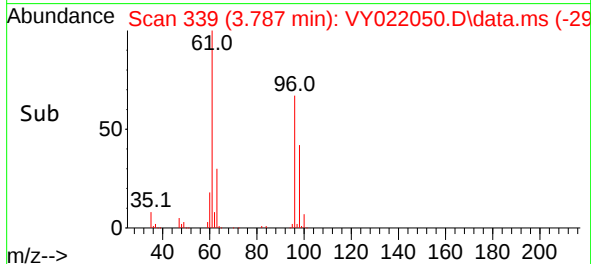
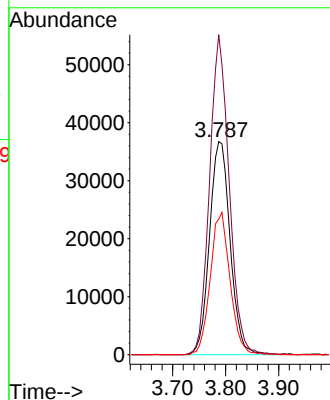
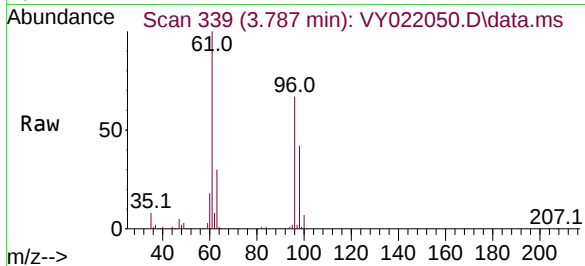




#12
1,1-Dichloroethene
Concen: 36.351 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

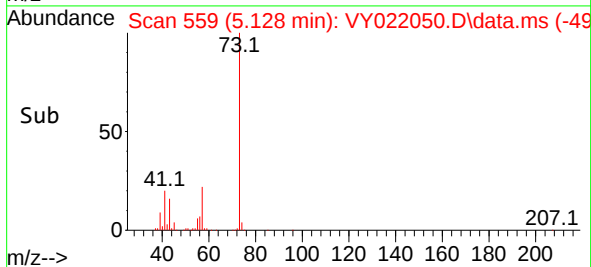
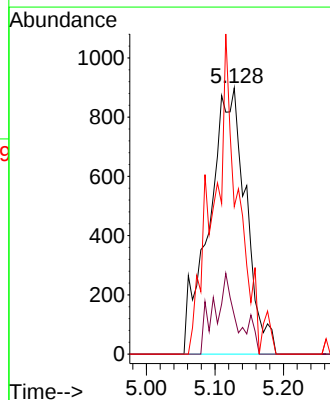
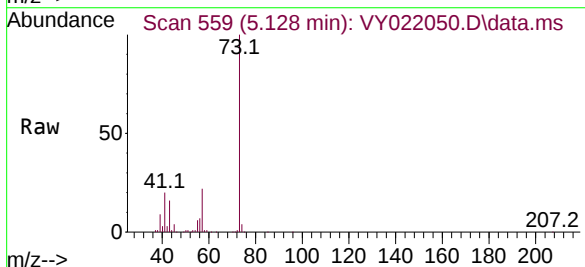
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

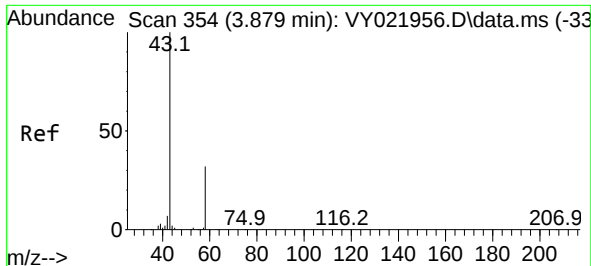
Tgt Ion: 96 Resp: 99300
Ion Ratio Lower Upper
96 100
61 150.2 113.0 169.4
98 63.6 51.4 77.2



#15
Acrylonitrile
Concen: 6.500 ug/l
RT: 5.128 min Scan# 559
Delta R.T. 0.073 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 53 Resp: 3346
Ion Ratio Lower Upper
53 100
52 16.9 65.0 97.6#
51 80.6 28.9 43.3#

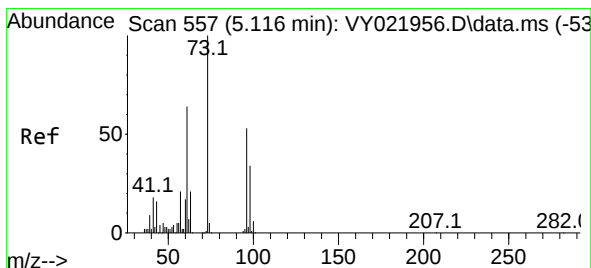
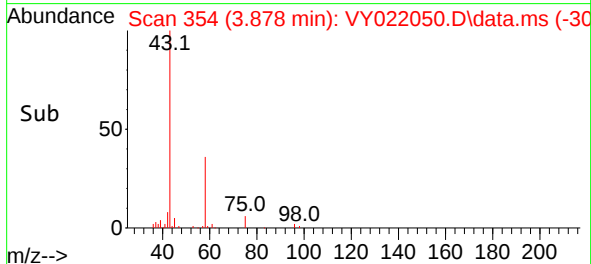
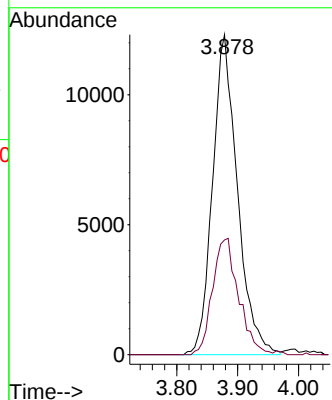
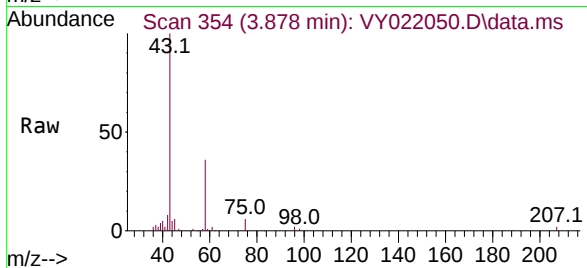




#16
Acetone
Concen: 91.302 ug/l
RT: 3.878 min Scan# 31
Delta R.T. -0.001 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

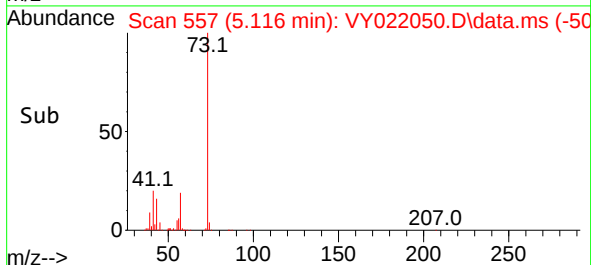
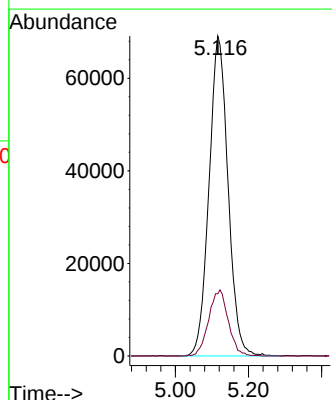
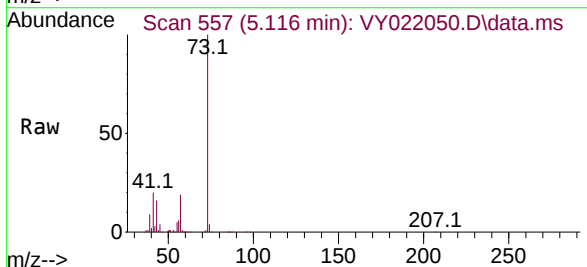
Instrument :
MSVOA_Y
ClientSampleId :
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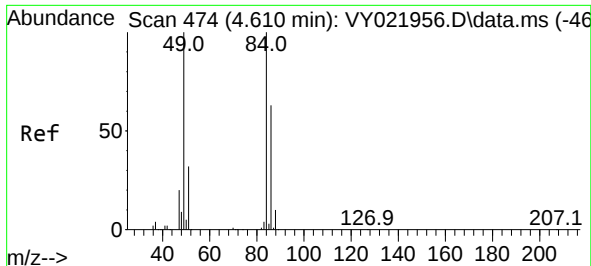
Tgt Ion: 43 Resp: 34838
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.4



#19
Methyl tert-butyl Ether
Concen: 40.759 ug/l
RT: 5.116 min Scan# 557
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 73 Resp: 249204
Ion Ratio Lower Upper
73 100
57 19.5 16.9 25.3

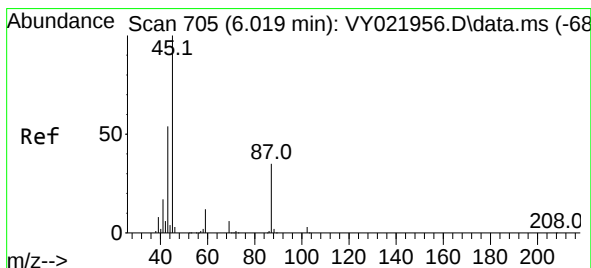
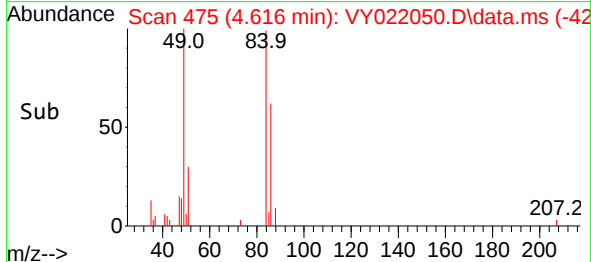
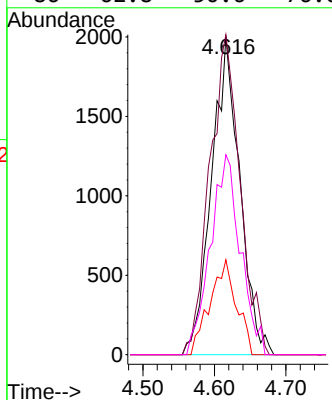
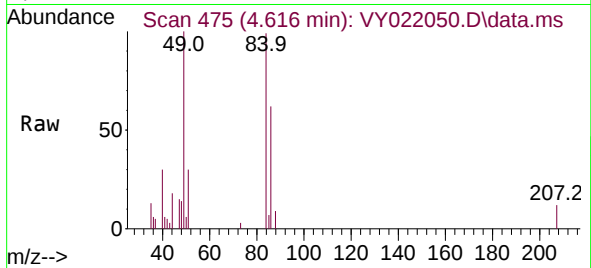




#20
Methylene Chloride
Concen: 1.709 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

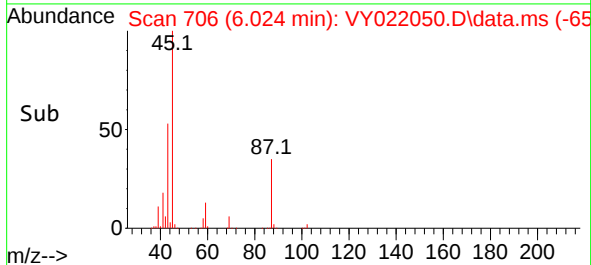
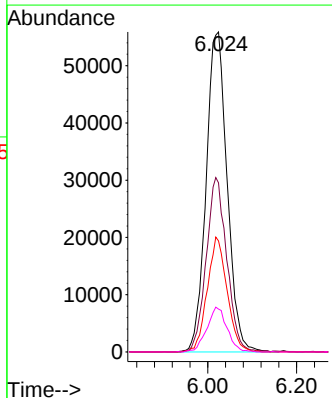
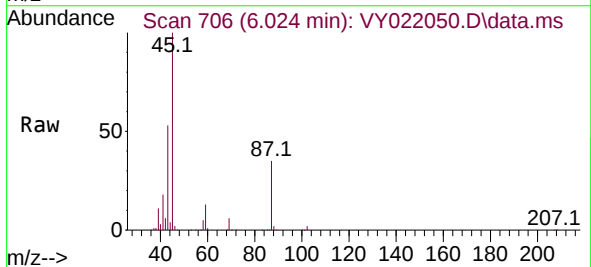
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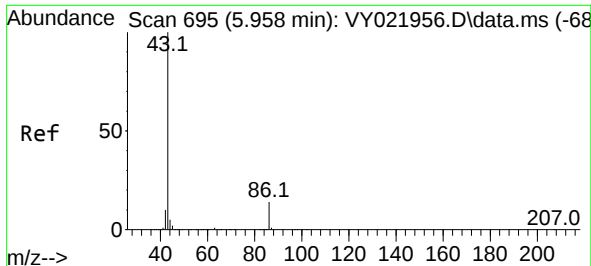
Tgt Ion:	84	Resp:	5486
Ion	Ratio	Lower	Upper
84	100		
49	100.6	79.9	119.9
51	29.8	25.4	38.0
86	62.8	50.6	76.0



#22
Diisopropyl ether
Concen: 25.973 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion:	45	Resp:	183849
Ion	Ratio	Lower	Upper
45	100		
43	52.8	43.6	65.4
87	34.7	28.2	42.4
59	13.4	10.0	15.0

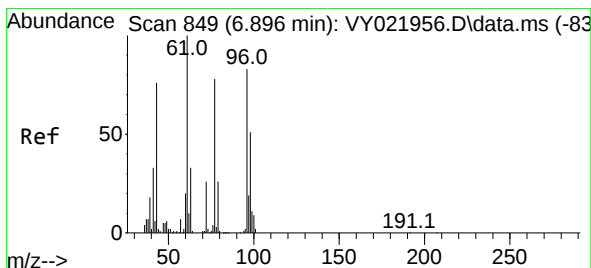
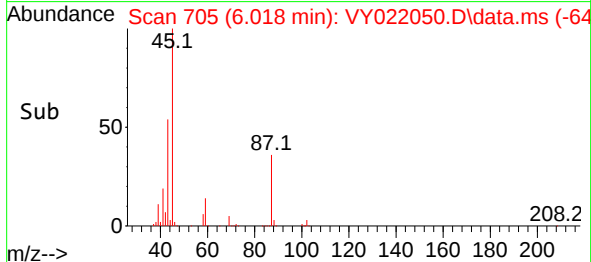
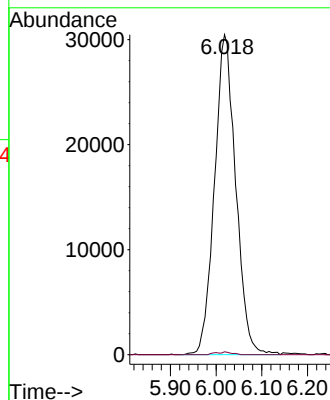
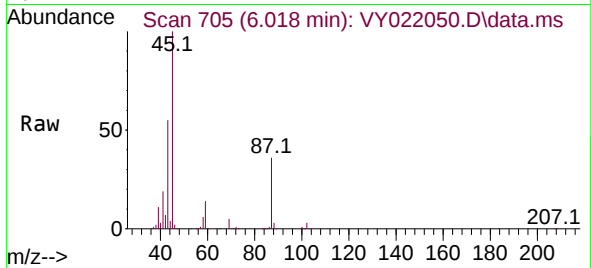




#23
 Vinyl Acetate
 Concen: 25.784 ug/l
 RT: 6.018 min Scan# 705
 Delta R.T. 0.061 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

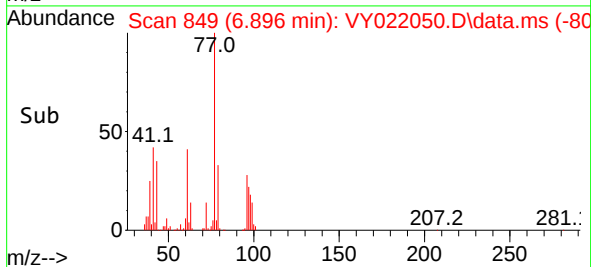
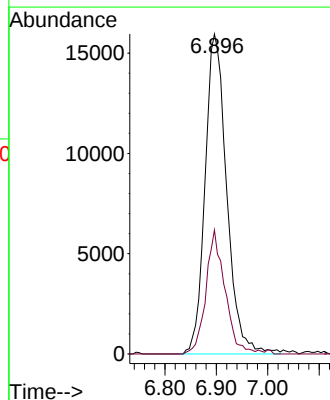
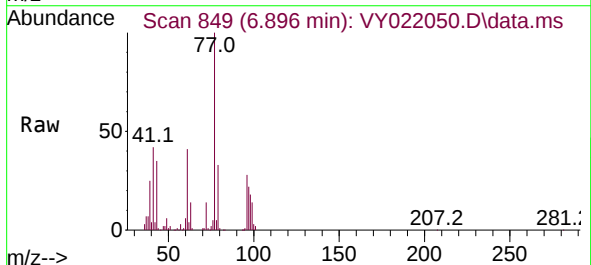
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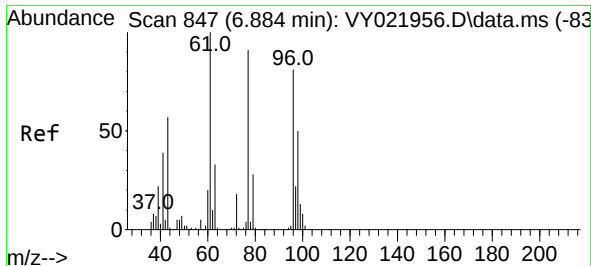
Tgt Ion: 43 Resp: 98360
 Ion Ratio Lower Upper
 43 100
 86 0.9 11.1 16.7#



#25
 2-Butanone
 Concen: 80.829 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

Tgt Ion: 43 Resp: 46765
 Ion Ratio Lower Upper
 43 100
 72 38.8 27.0 40.4





#26

2,2-Dichloropropane

Concen: 38.808 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

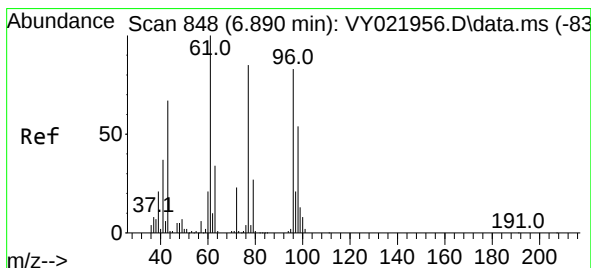
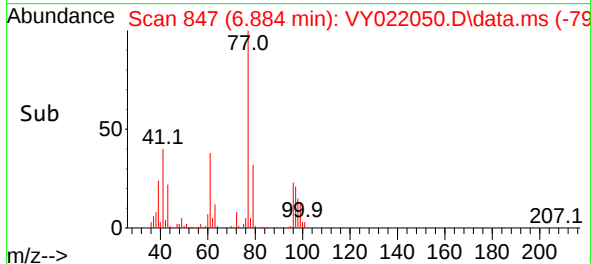
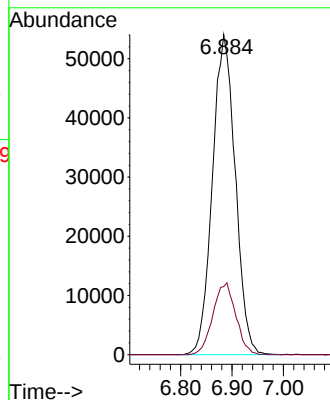
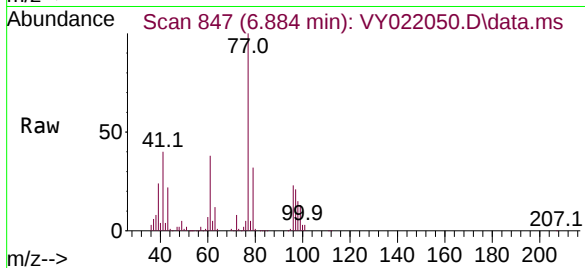
IBLK

Tgt Ion: 77 Resp: 166890

Ion Ratio Lower Upper

77 100

97 22.5 12.4 37.4



#27

cis-1,2-Dichloroethene

Concen: 10.837 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

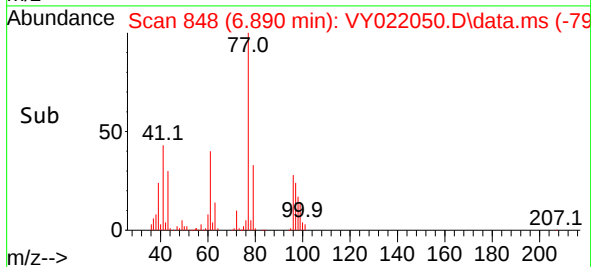
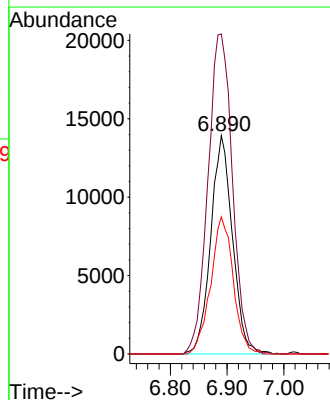
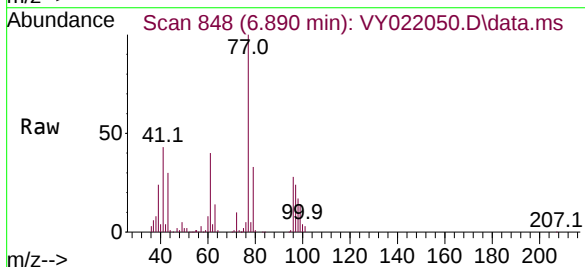
Tgt Ion: 96 Resp: 37071

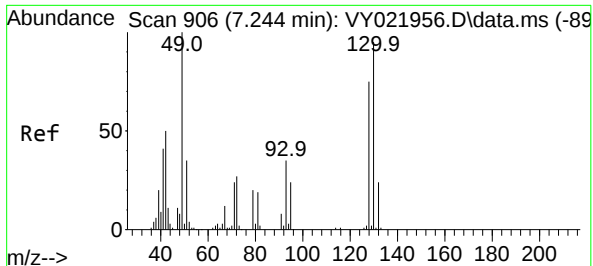
Ion Ratio Lower Upper

96 100

61 164.9 0.0 251.4

98 65.1 0.0 128.4

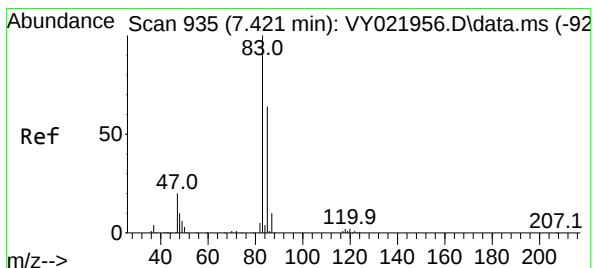
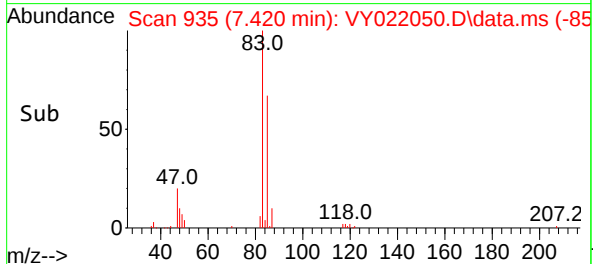
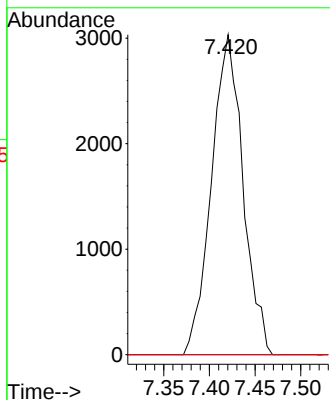
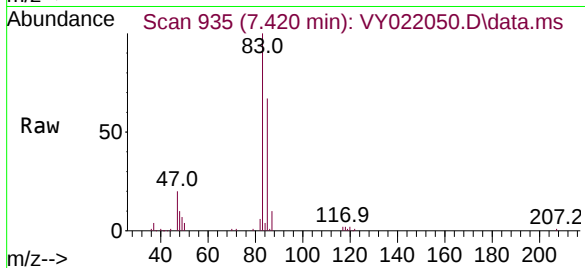




#28
Bromochloromethane
Concen: 3.822 ug/l
RT: 7.420 min Scan# 91
Delta R.T. 0.176 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

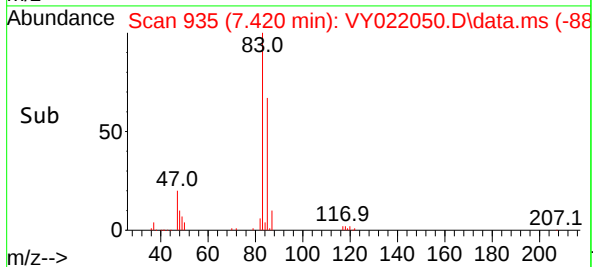
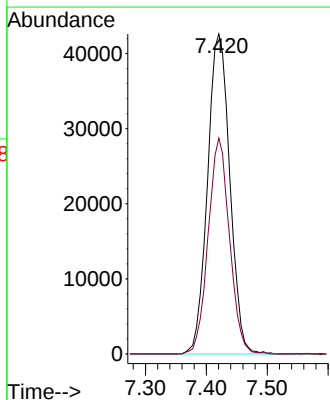
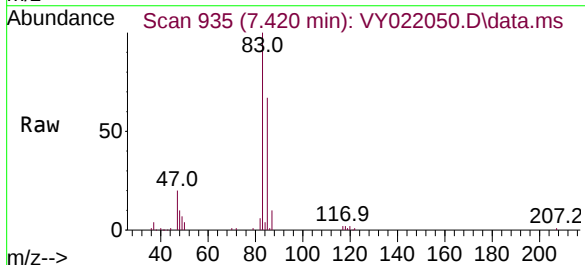
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

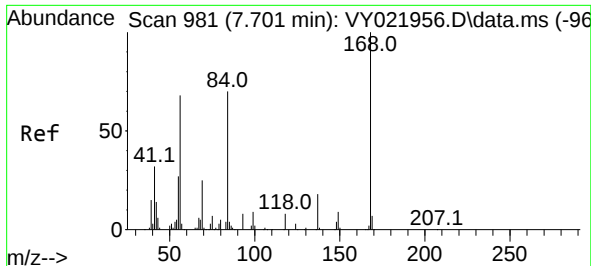
Tgt Ion: 49 Resp: 7283
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 0.0 78.2 117.4#



#30
Chloroform
Concen: 19.896 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 83 Resp: 108280
Ion Ratio Lower Upper
83 100
85 67.4 51.3 76.9

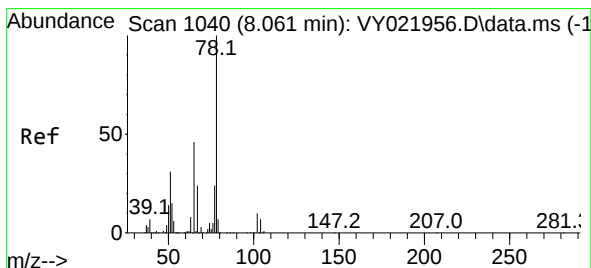
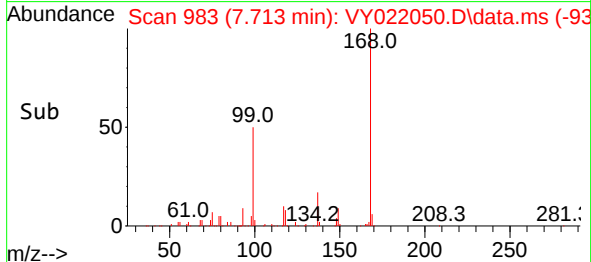
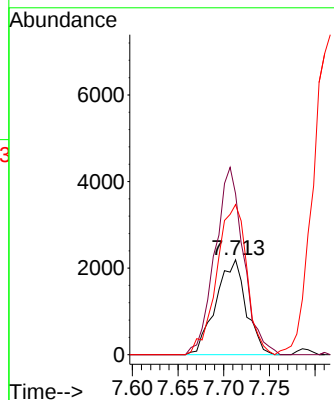
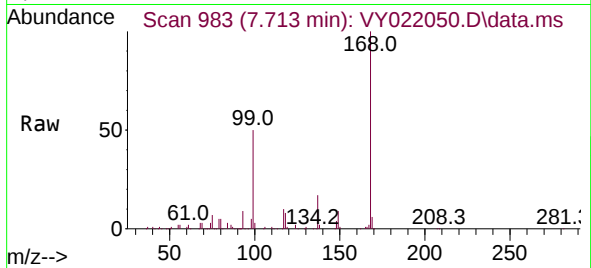




#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

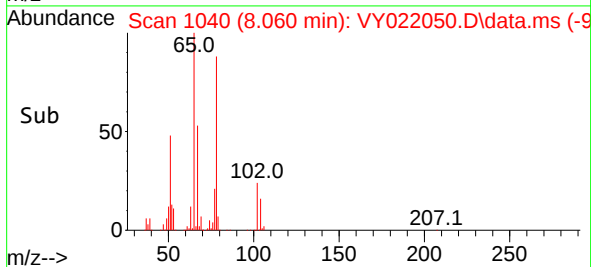
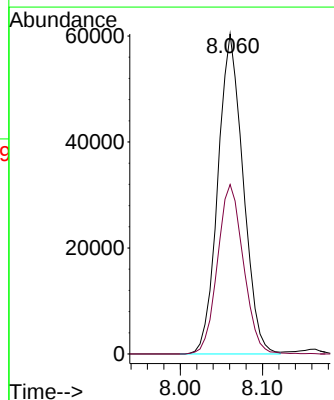
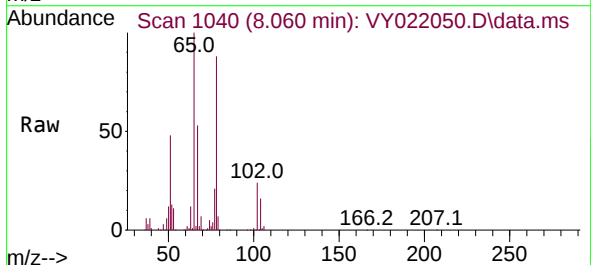
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

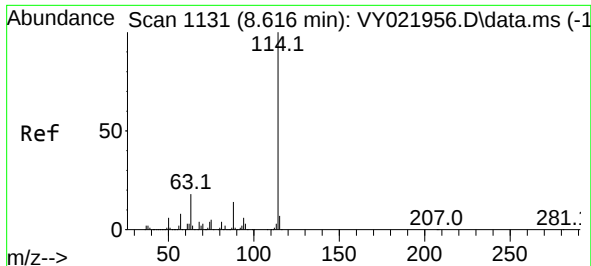
Tgt Ion: 56 Resp: 5038
Ion Ratio Lower Upper
56 100
69 169.6 29.4 44.2#
84 158.0 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 50.782 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 65 Resp: 128893
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.8

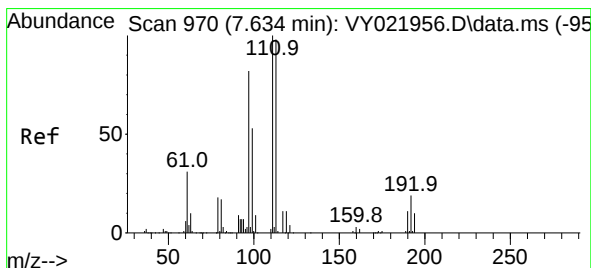
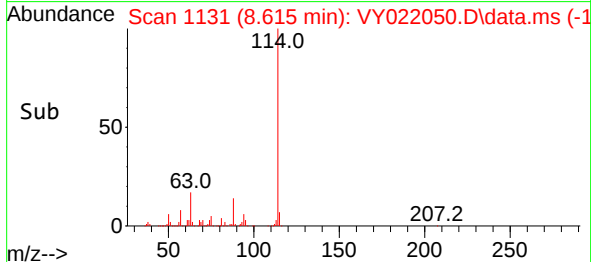
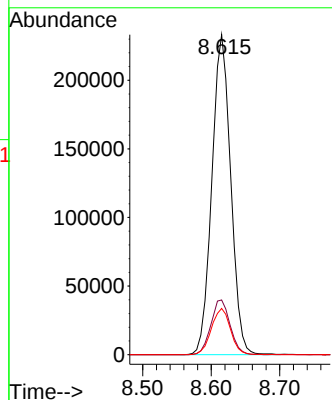
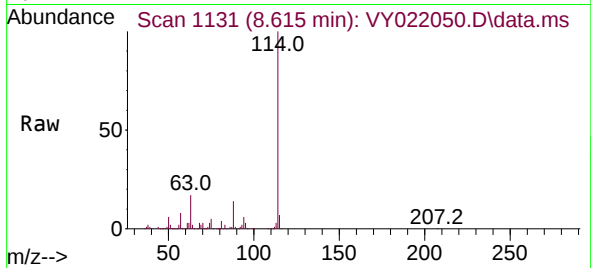




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

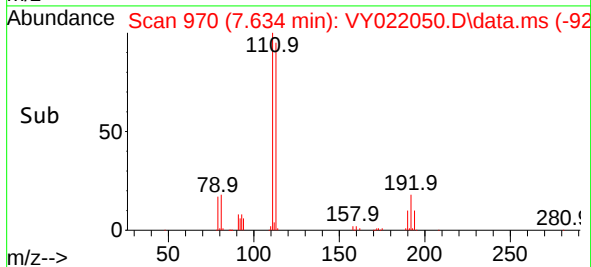
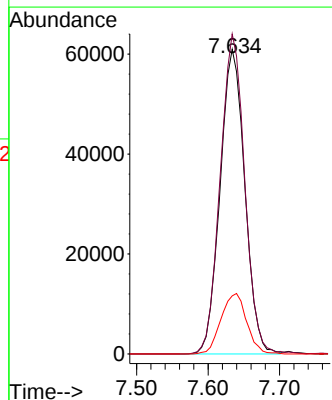
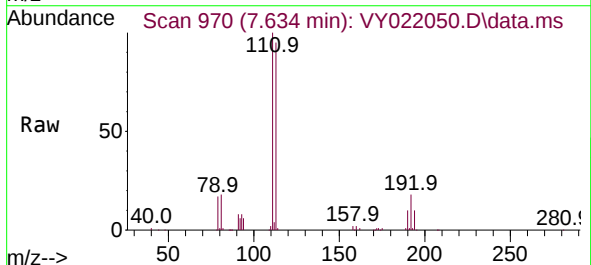
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

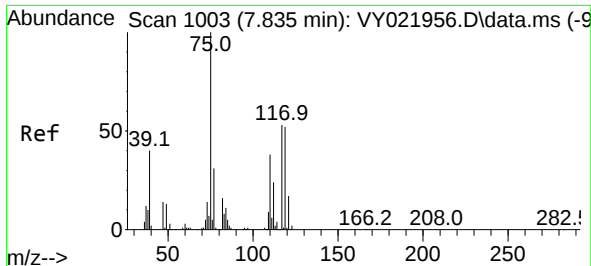
Tgt Ion:114 Resp: 444877
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.4
88 14.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.720 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion:113 Resp: 146131
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.8
192 20.6 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.984 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

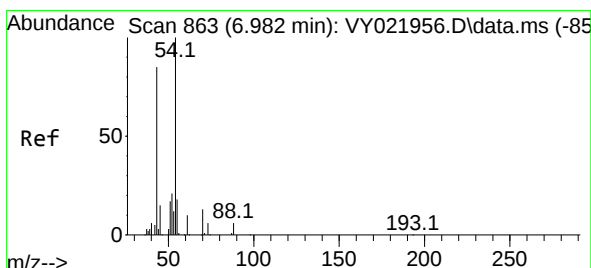
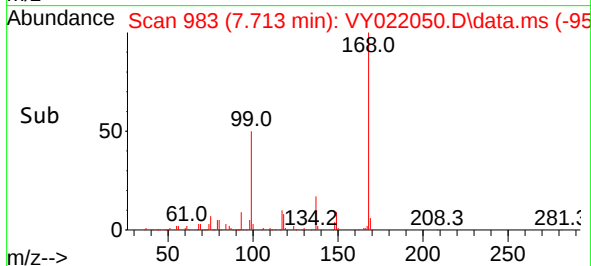
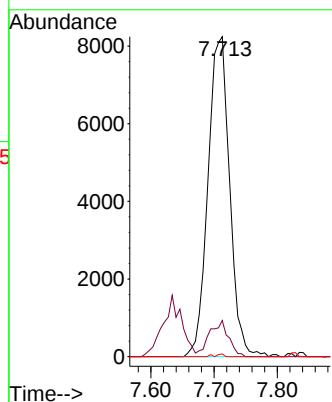
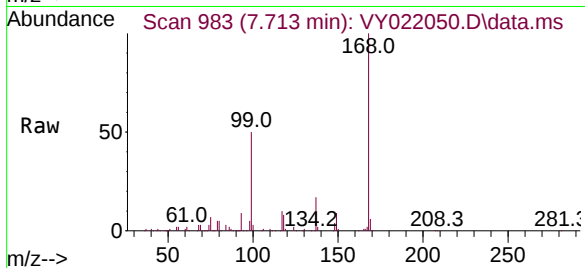
Tgt Ion: 75 Resp: 19675

Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

77 0.0 25.5 38.3#



#37

Ethyl Acetate

Concen: 32.981 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.086 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

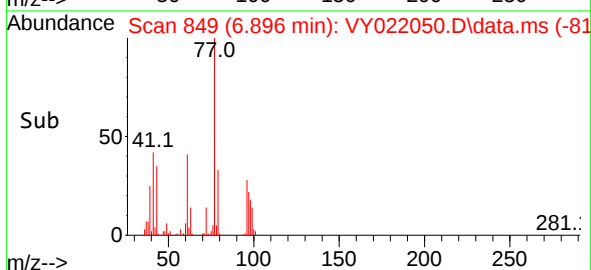
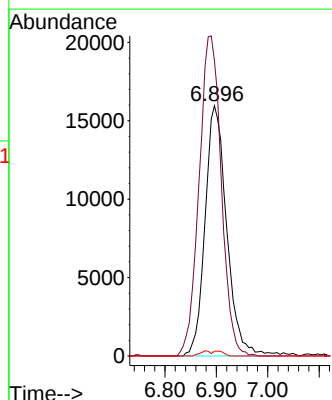
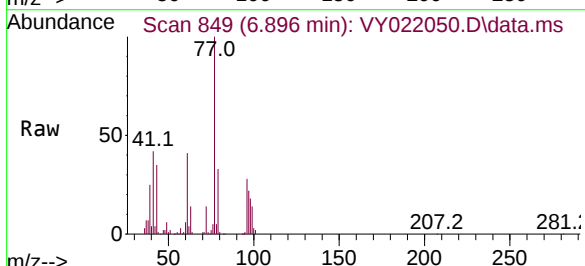
Tgt Ion: 43 Resp: 46765

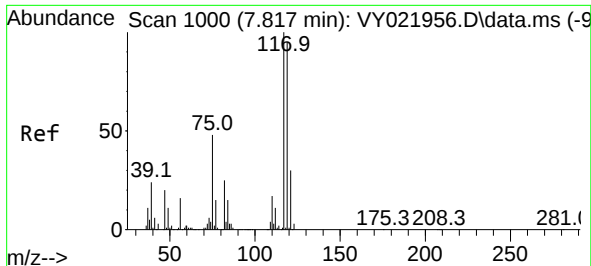
Ion Ratio Lower Upper

43 100

61 130.7 13.8 20.6#

70 0.9 9.2 13.8#

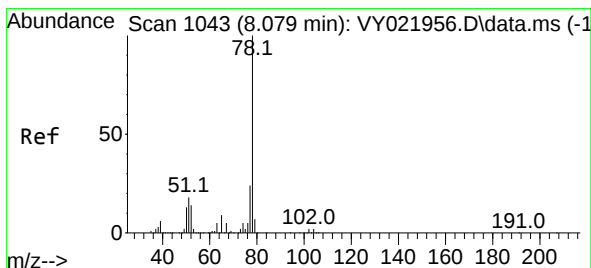
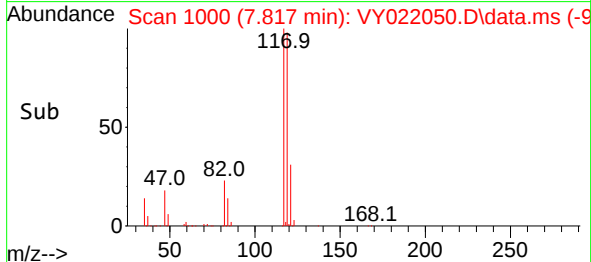
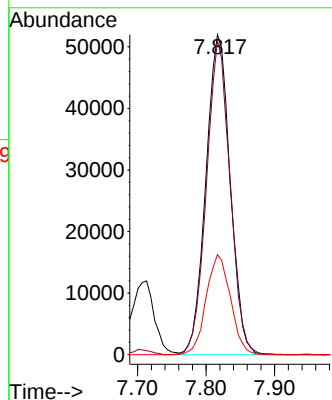
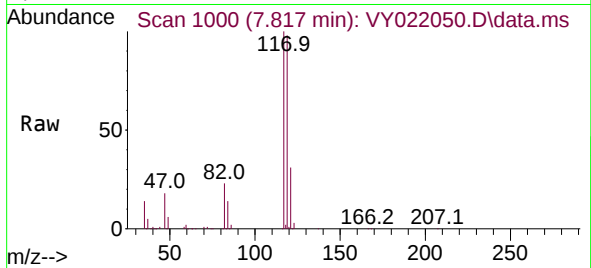




#38
Carbon Tetrachloride
Concen: 27.128 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

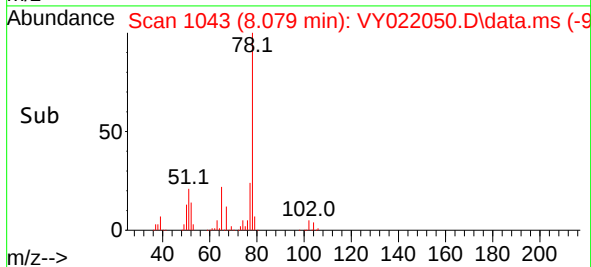
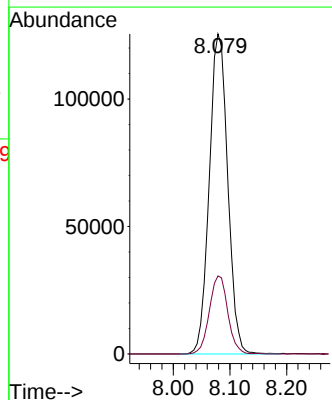
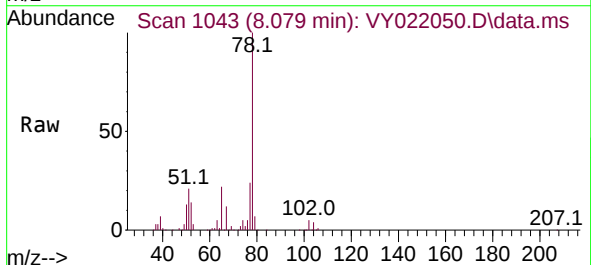
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

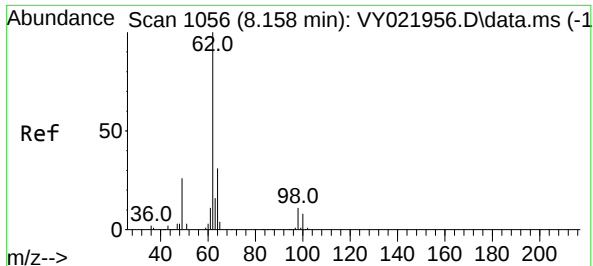
Tgt Ion:117 Resp: 127978
Ion Ratio Lower Upper
117 100
119 98.1 76.2 114.4
121 31.3 24.0 36.0



#40
Benzene
Concen: 23.002 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 78 Resp: 283874
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#42

1,2-Dichloroethane

Concen: 12.350 ug/l

RT: 8.152 min Scan# 1055

Delta R.T. -0.007 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

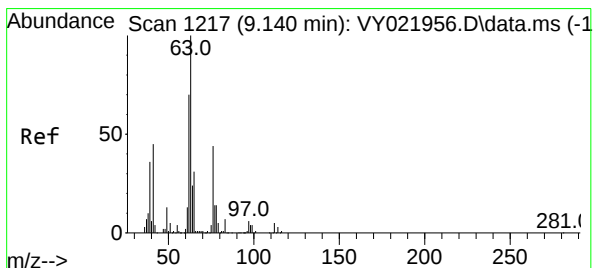
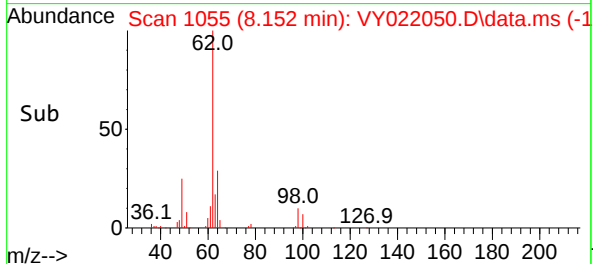
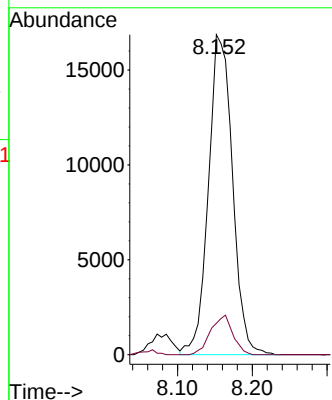
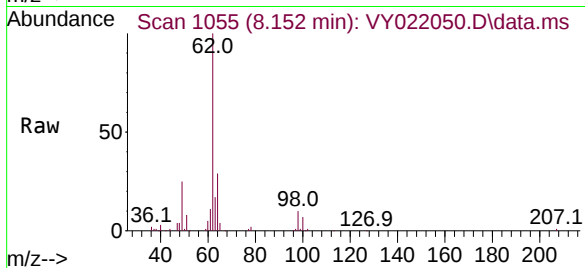
IBLK

Tgt Ion: 62 Resp: 37736

Ion Ratio Lower Upper

62 100

98 11.4 0.0 22.0



#45

1,2-Dichloropropane

Concen: 14.314 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022050.D

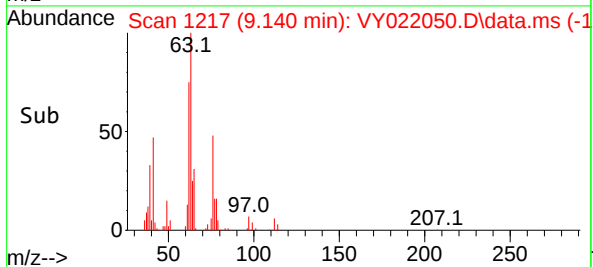
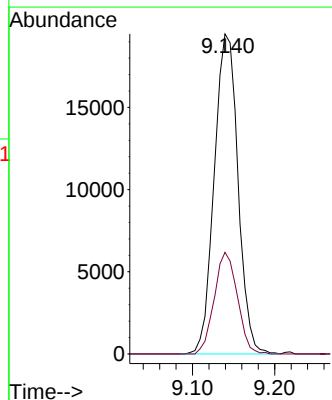
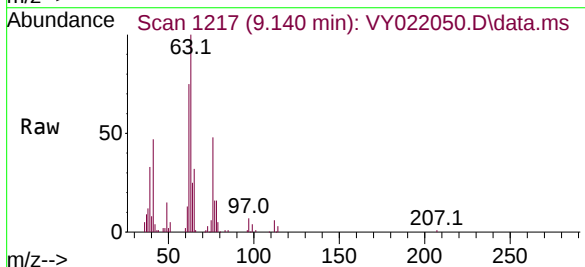
Acq: 29 Apr 2025 12:22

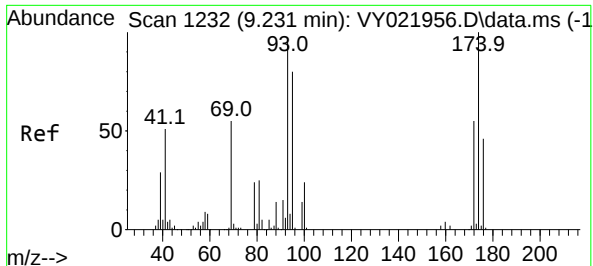
Tgt Ion: 63 Resp: 39066

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8

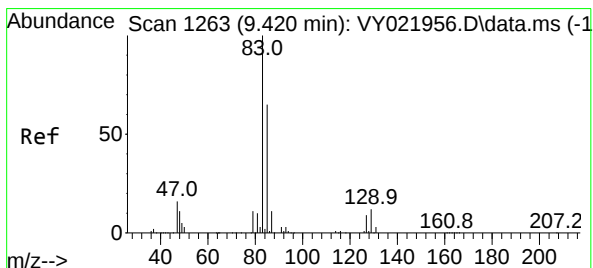
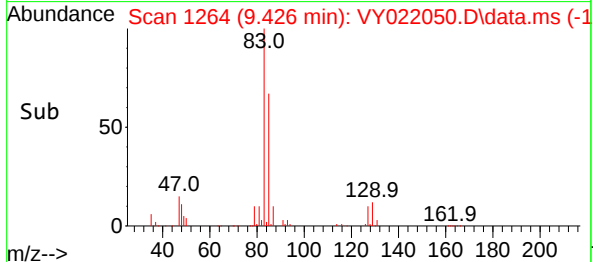
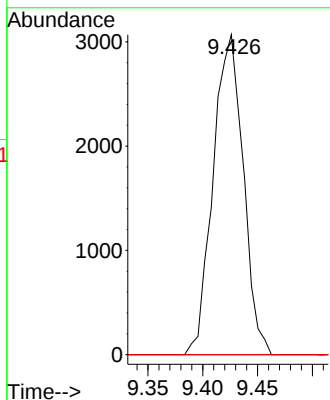
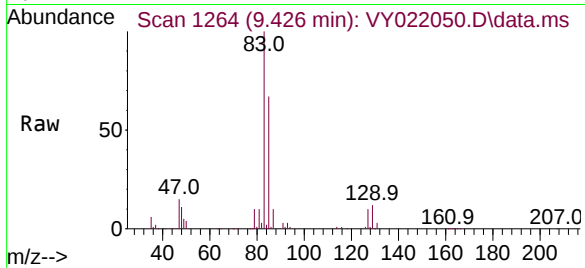




#46
Dibromomethane
Concen: 3.436 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.195 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

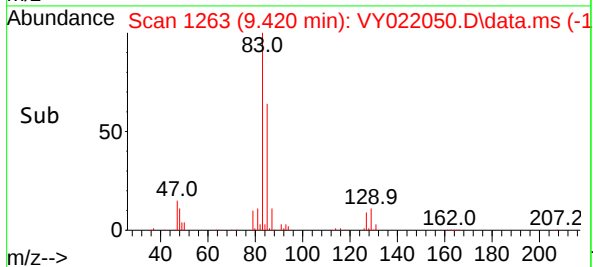
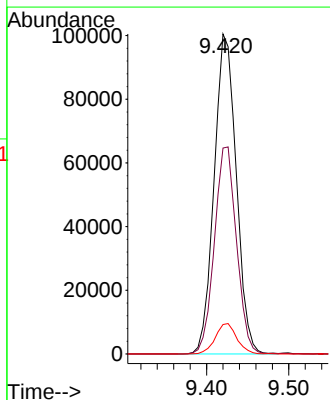
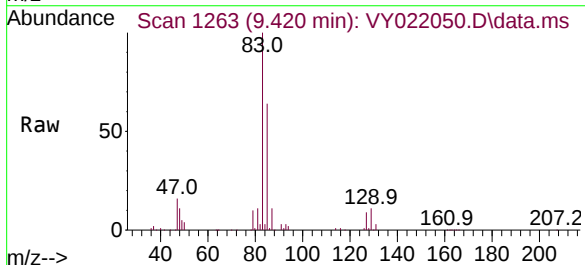
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

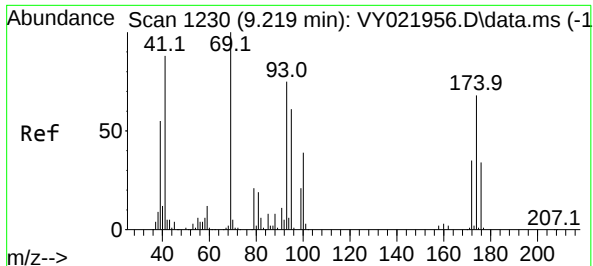
Tgt Ion: 93 Resp: 5870
Ion Ratio Lower Upper
93 100
95 0.0 66.7 100.1#
174 0.0 84.6 127.0#



#47
Bromodichloromethane
Concen: 44.022 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 83 Resp: 187884
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8
127 9.2 7.0 10.6

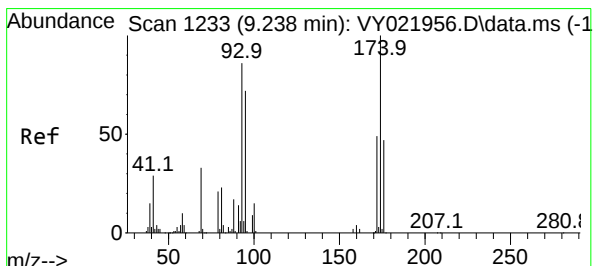
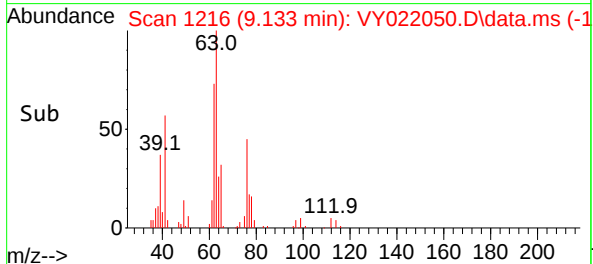
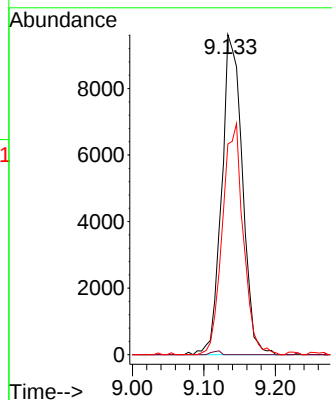
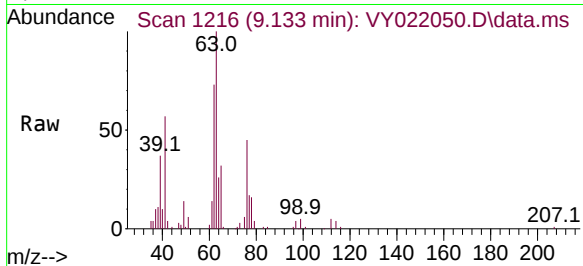




#48
Methyl methacrylate
Concen: 15.371 ug/l
RT: 9.133 min Scan# 11
Delta R.T. -0.086 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

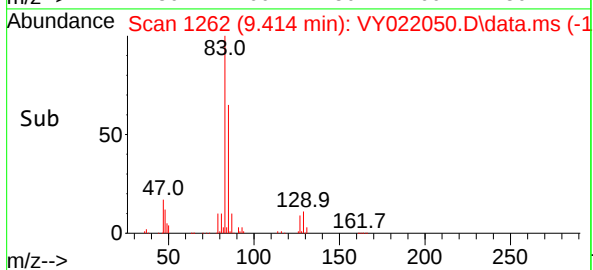
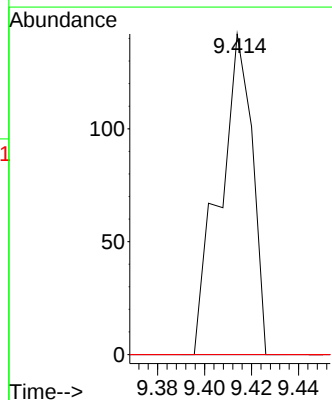
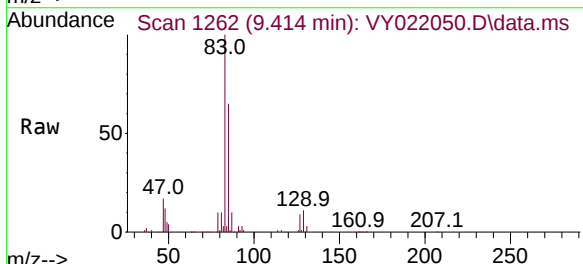
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

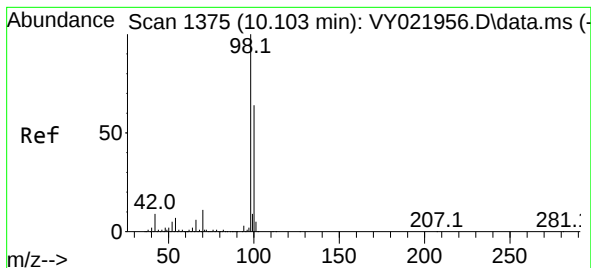
Tgt Ion: 41 Resp: 19349
Ion Ratio Lower Upper
41 100
69 0.5 85.5 128.3#
39 0.0 46.2 69.4#



#49
1,4-Dioxane
Concen: 7.524 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. 0.176 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 88 Resp: 137
Ion Ratio Lower Upper
88 100
43 0.0 21.3 31.9#
58 0.0 50.5 75.7#

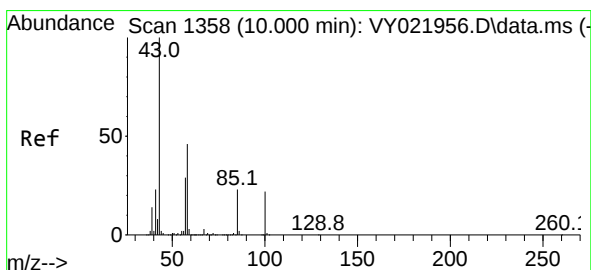
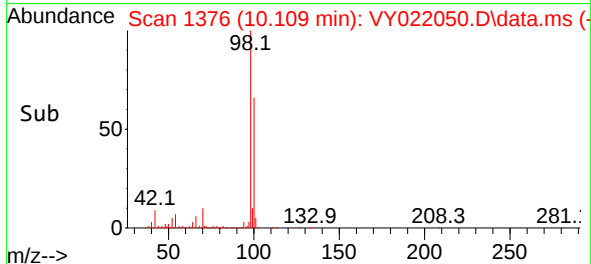
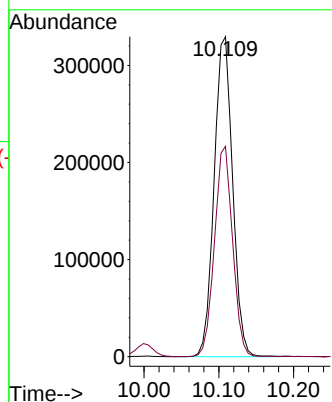
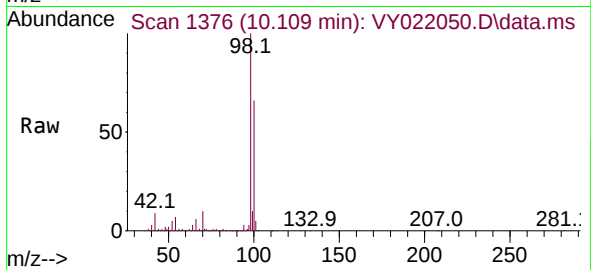




#50
Toluene-d8
Concen: 51.259 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

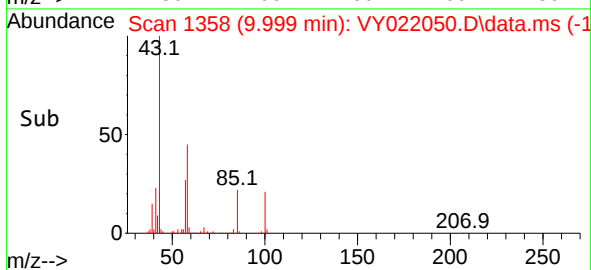
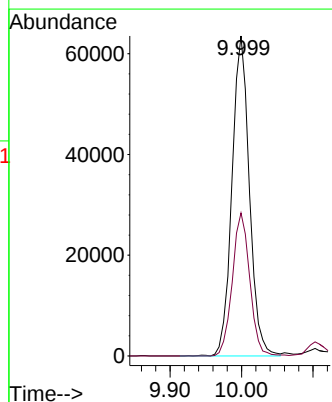
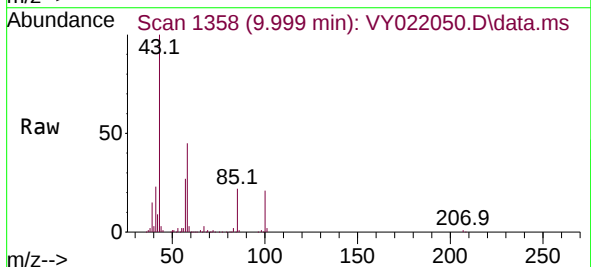
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

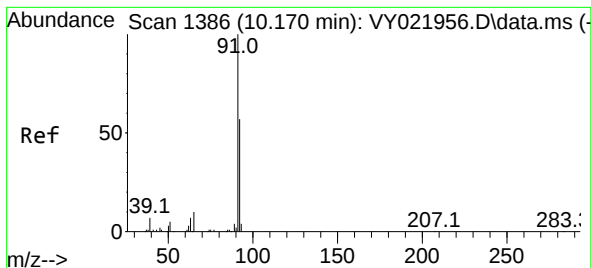
Tgt Ion: 98 Resp: 567972
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 75.133 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 43 Resp: 107247
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0





#52

Toluene

Concen: 46.109 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

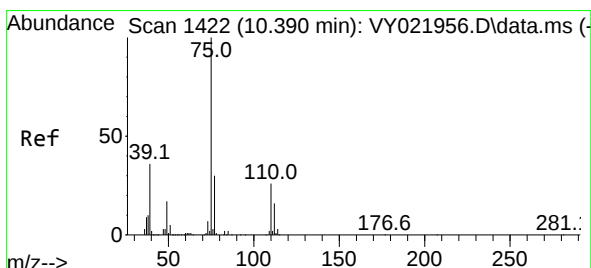
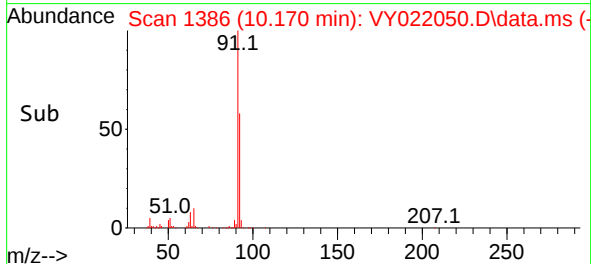
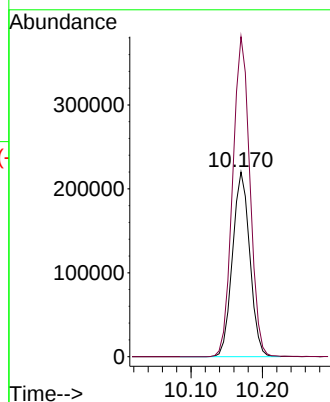
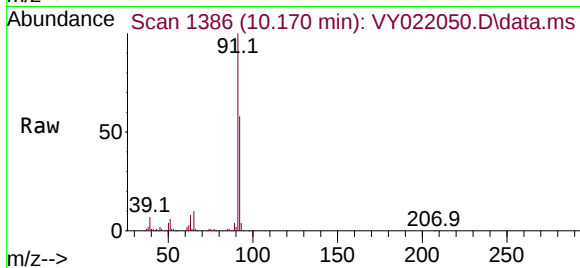
IBLK

Tgt Ion: 92 Resp: 368349

Ion Ratio Lower Upper

92 100

91 173.4 138.6 207.8



#53

t-1,3-Dichloropropene

Concen: 27.796 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY022050.D

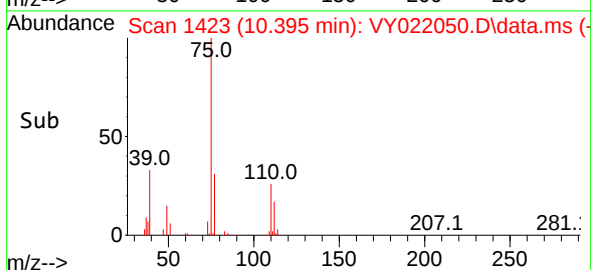
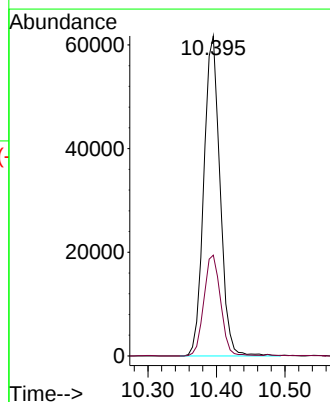
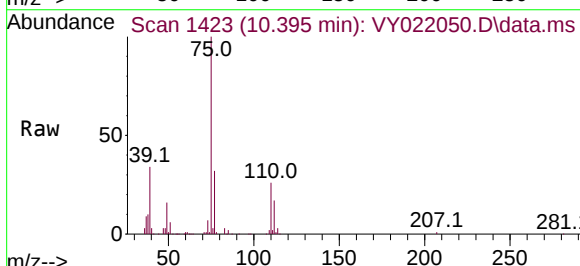
Acq: 29 Apr 2025 12:22

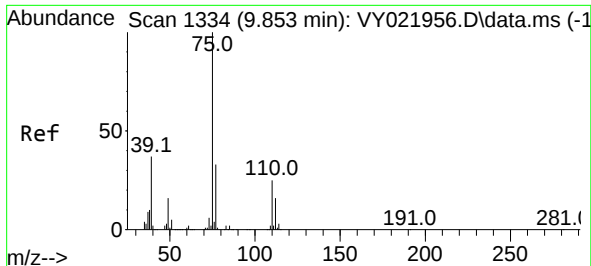
Tgt Ion: 75 Resp: 101756

Ion Ratio Lower Upper

75 100

77 31.5 24.0 36.0

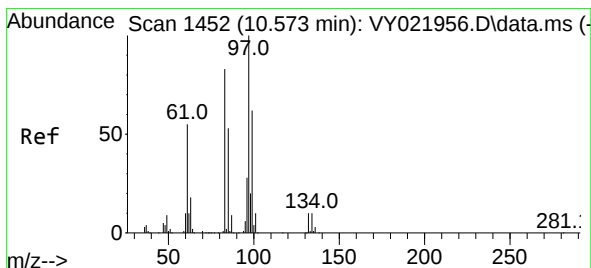
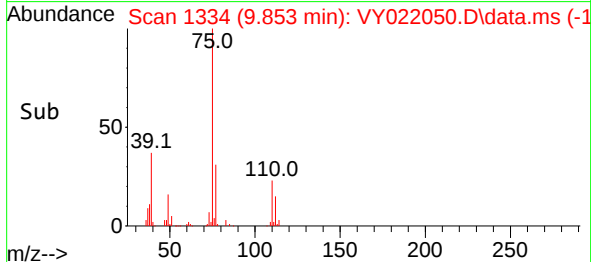
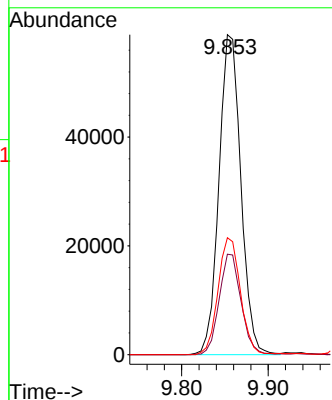
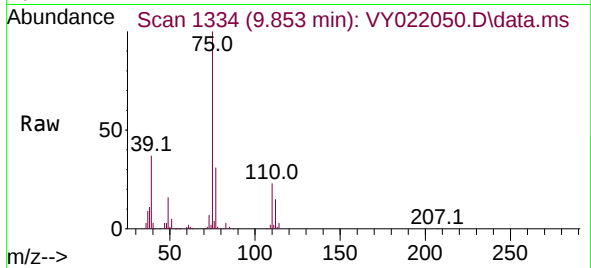




#54
 cis-1,3-Dichloropropene
 Concen: 23.770 ug/l
 RT: 9.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

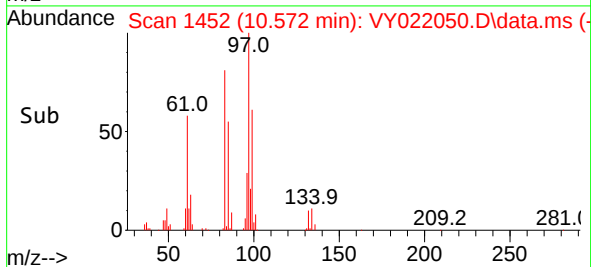
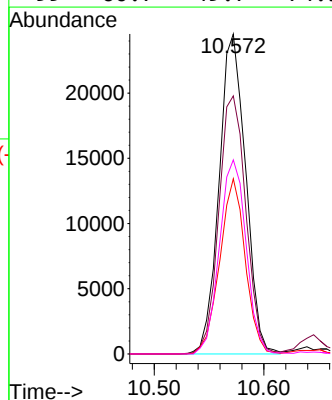
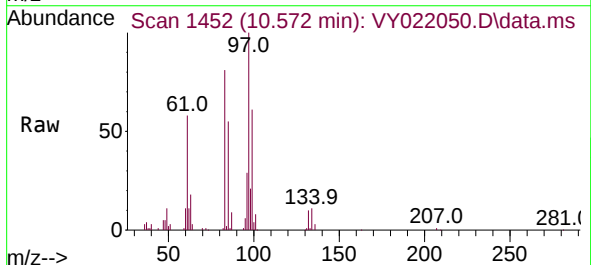
Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

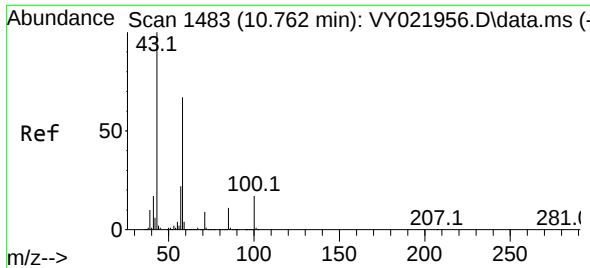
Tgt Ion: 75 Resp: 103440
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.6 40.0
 39 36.6 29.6 44.4



#55
 1,1,2-Trichloroethane
 Concen: 18.103 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

Tgt Ion: 97 Resp: 41313
 Ion Ratio Lower Upper
 97 100
 83 80.6 66.7 100.1
 85 54.8 42.6 64.0
 99 60.7 49.7 74.5

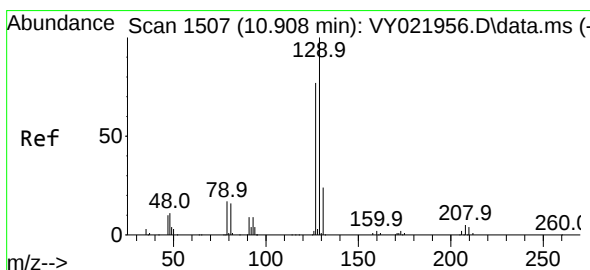
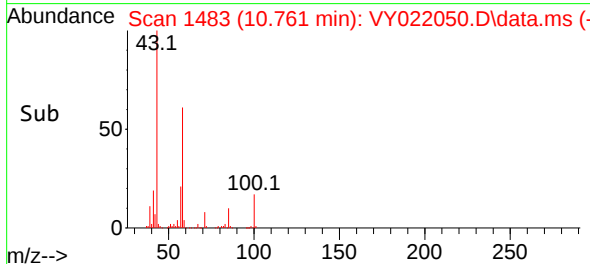
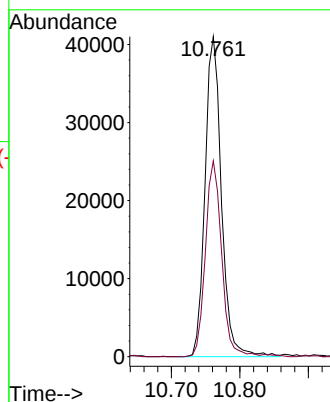
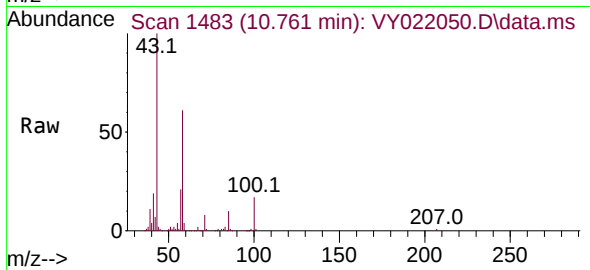




#59
2-Hexanone
Concen: 72.648 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

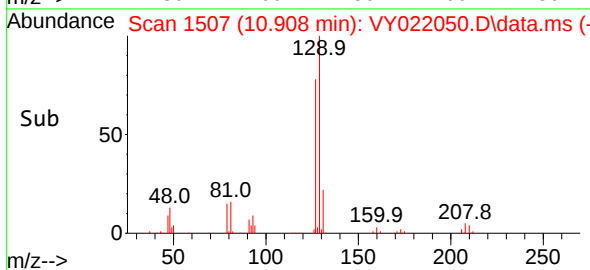
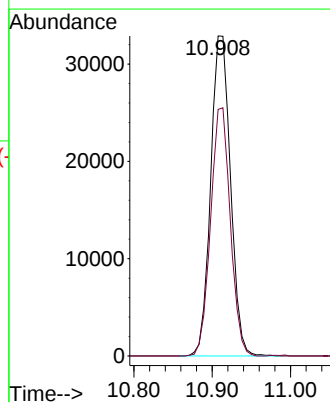
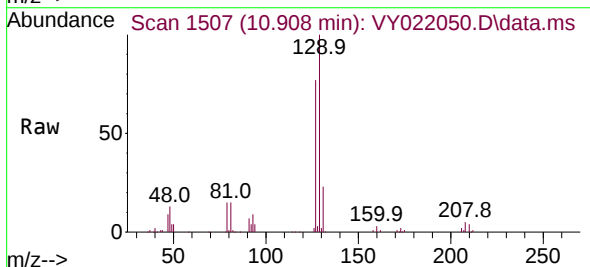
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

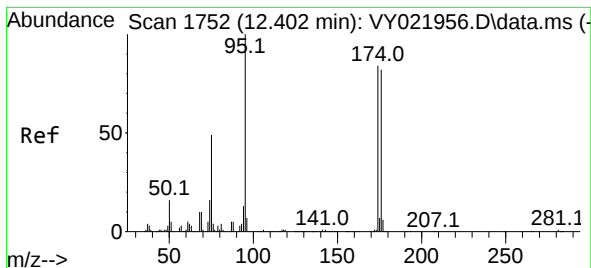
Tgt Ion: 43 Resp: 68399
Ion Ratio Lower Upper
43 100
58 60.4 32.0 96.0



#60
Dibromochloromethane
Concen: 18.275 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 129 Resp: 57740
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3

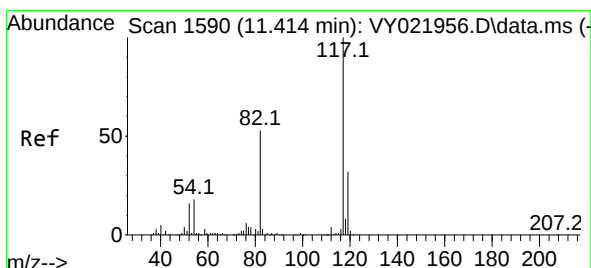
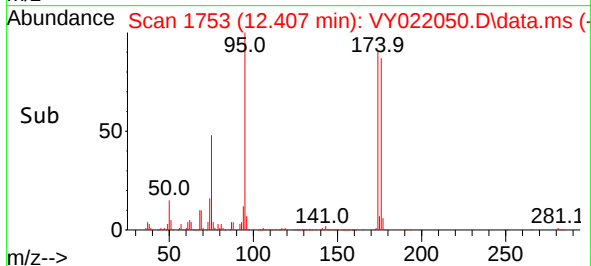
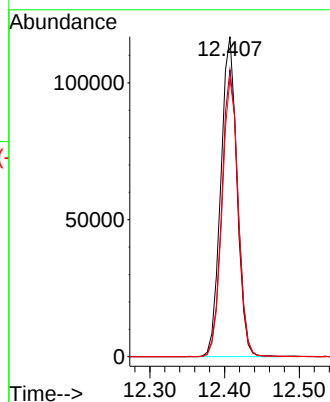
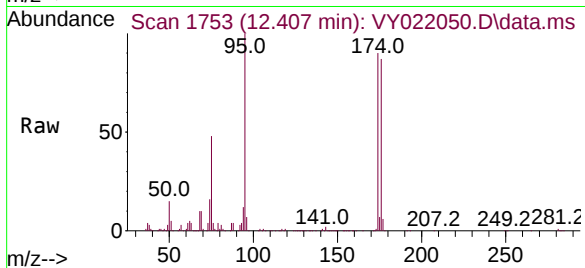




#62
4-Bromofluorobenzene
Concen: 47.228 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

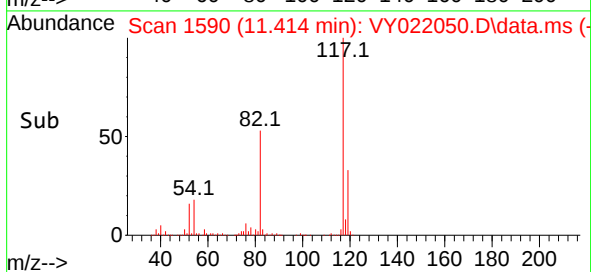
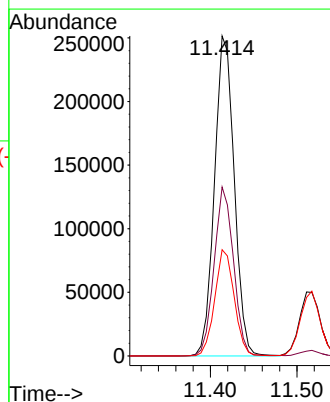
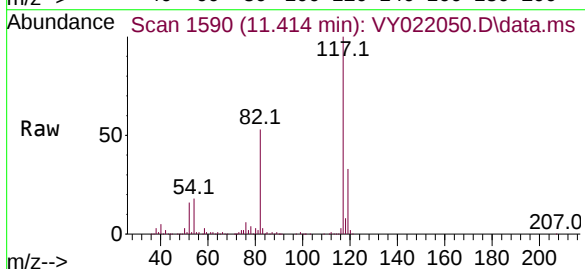
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

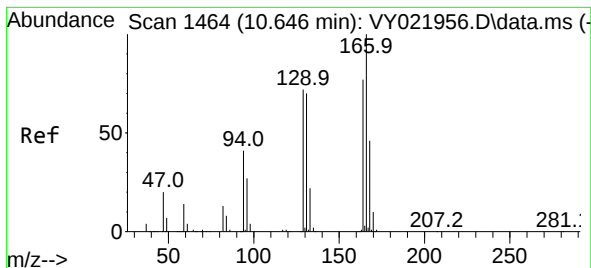
Tgt Ion: 95 Resp: 176167
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.0
176 86.6 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 117 Resp: 398616
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 33.2 25.7 38.5





#64

Tetrachloroethene

Concen: 25.570 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

IBLK

Tgt Ion:164 Resp: 96153

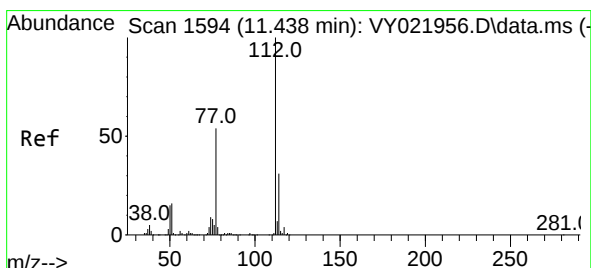
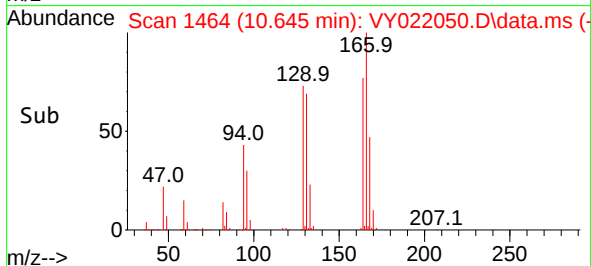
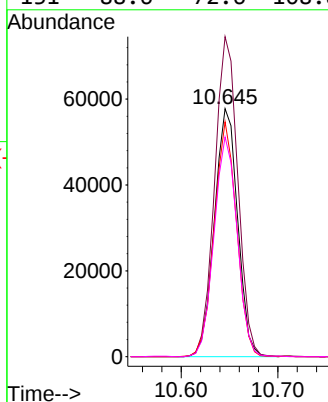
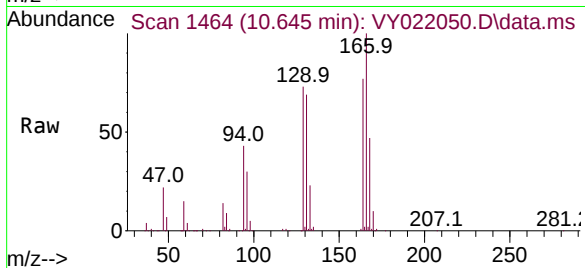
Ion Ratio Lower Upper

164 100

166 129.1 103.6 155.4

129 94.7 74.2 111.4

131 88.6 72.6 108.8



#65

Chlorobenzene

Concen: 23.425 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022050.D

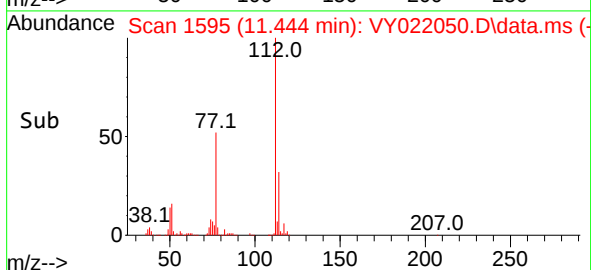
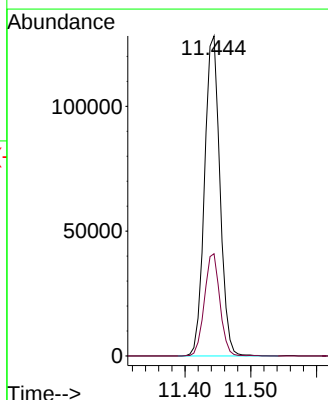
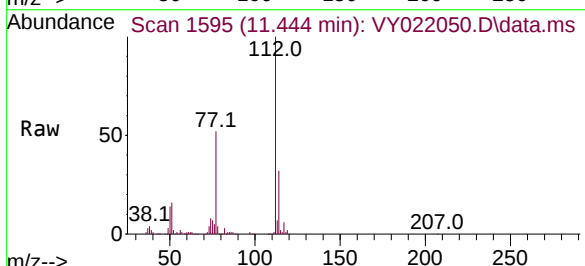
Acq: 29 Apr 2025 12:22

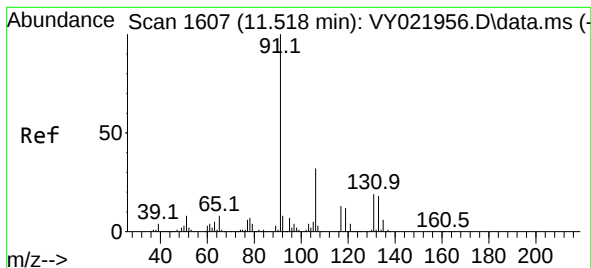
Tgt Ion:112 Resp: 208808

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4

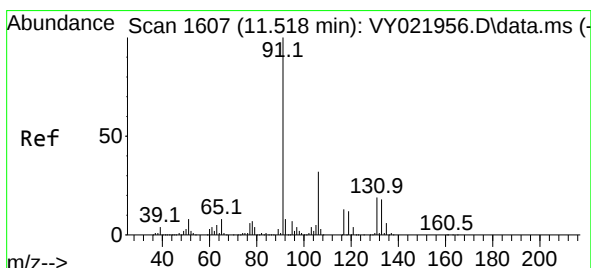
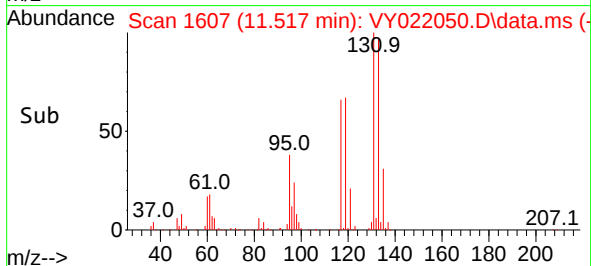
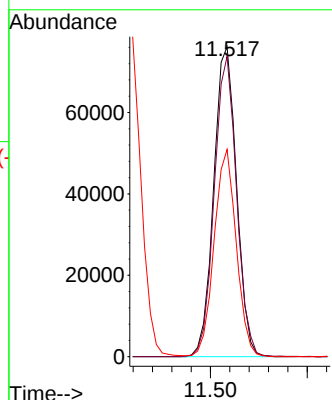
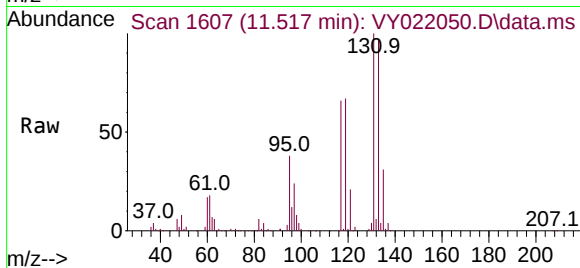




#66
1,1,1,2-Tetrachloroethane
Concen: 39.632 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

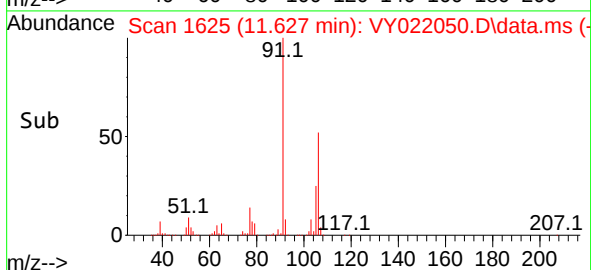
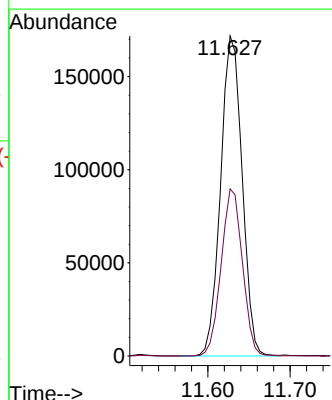
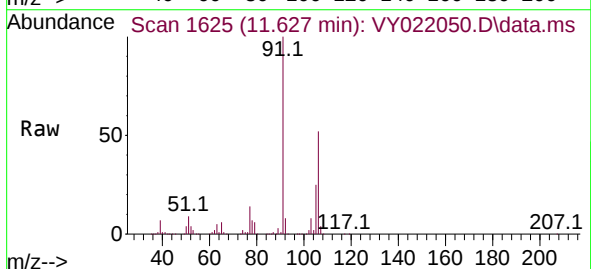
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

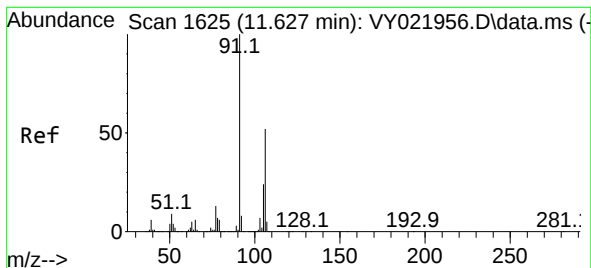
Tgt Ion:131 Resp: 124374
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 65.0 32.4 97.0



#67
Ethyl Benzene
Concen: 21.422 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.109 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 91 Resp: 312370
Ion Ratio Lower Upper
91 100
106 52.2 25.9 38.9#

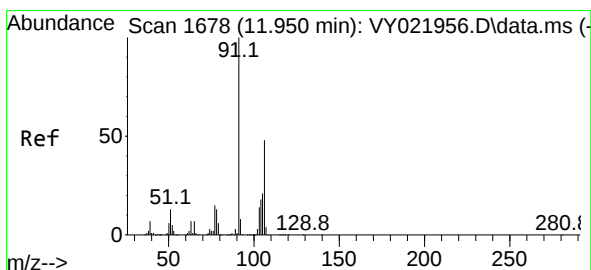
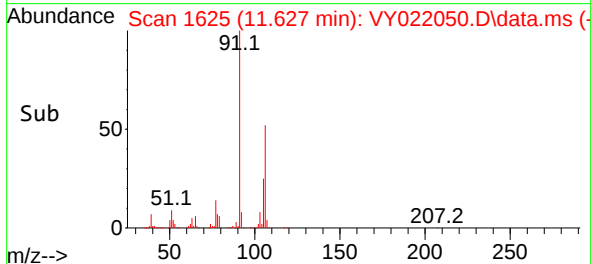
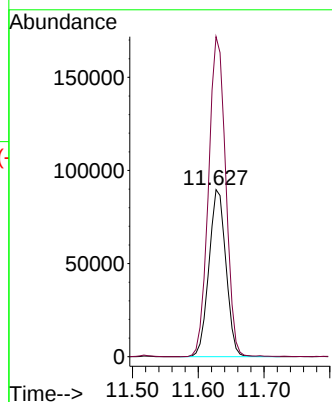
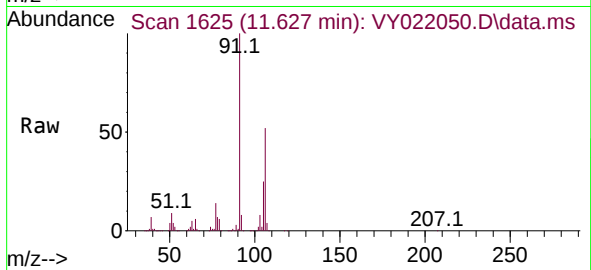




#68
m/p-Xylenes
Concen: 27.792 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

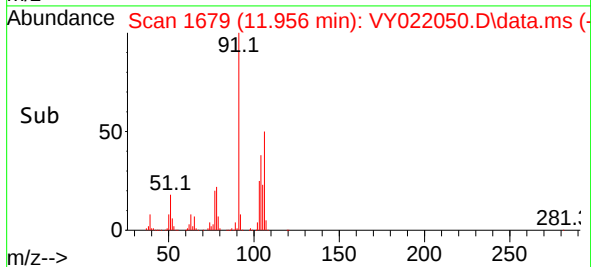
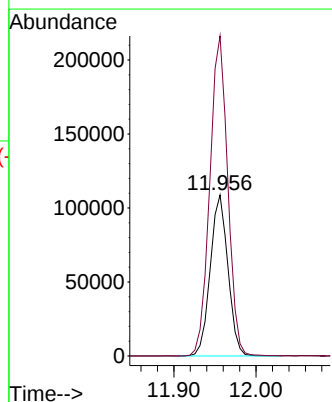
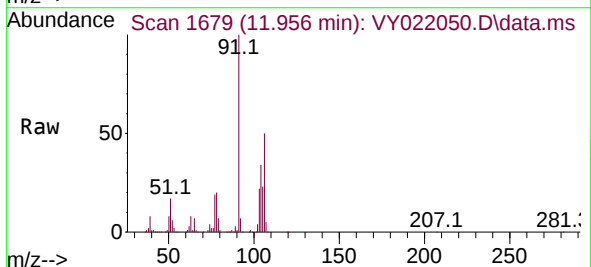
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

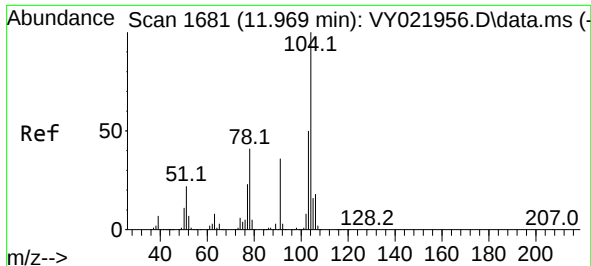
Tgt Ion:106 Resp: 161265
Ion Ratio Lower Upper
106 100
91 193.7 156.2 234.2



#69
o-Xylene
Concen: 30.346 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion:106 Resp: 162292
Ion Ratio Lower Upper
106 100
91 202.2 103.0 308.9

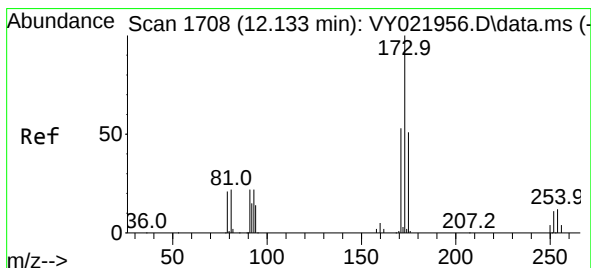
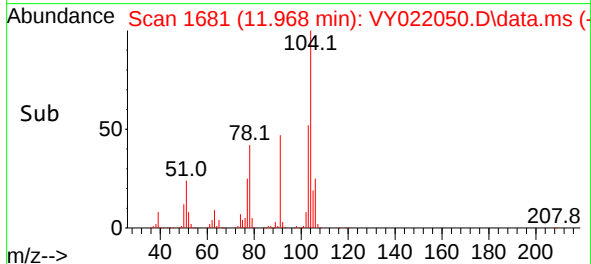
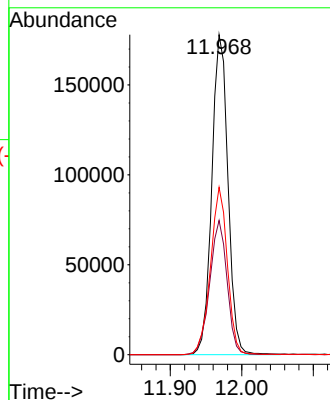
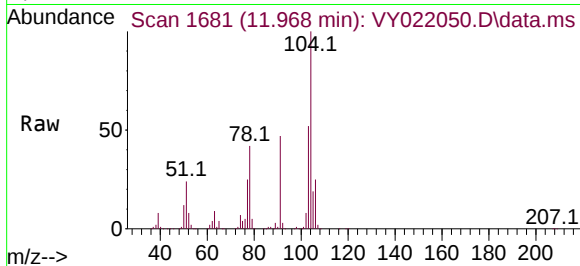




#70
Styrene
Concen: 31.114 ug/l
RT: 11.968 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

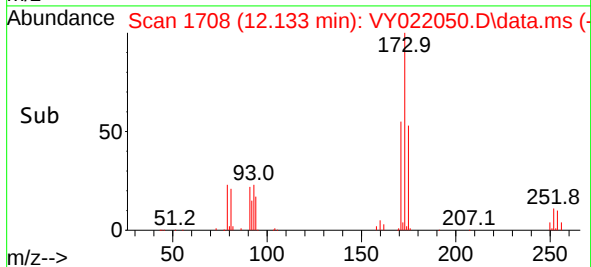
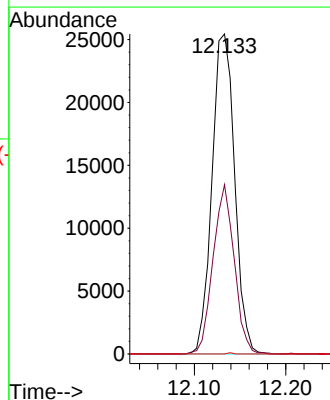
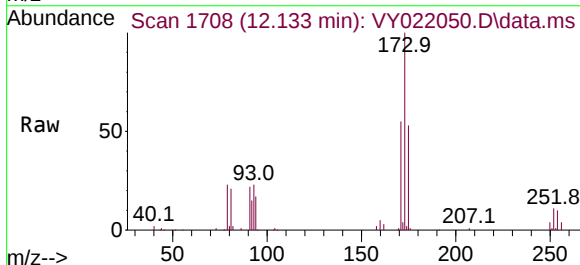
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

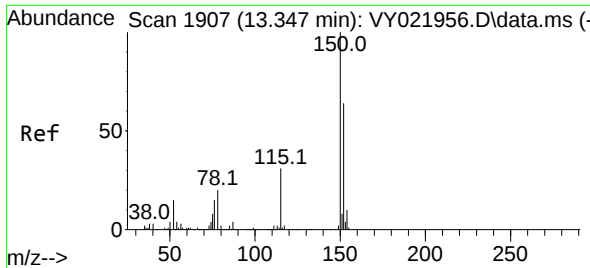
Tgt Ion:104 Resp: 279394
Ion Ratio Lower Upper
104 100
78 45.0 36.6 54.8
103 54.7 43.8 65.8



#71
Bromoform
Concen: 23.996 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion:173 Resp: 43782
Ion Ratio Lower Upper
173 100
175 49.4 24.3 72.8
254 0.1 0.0 0.0#

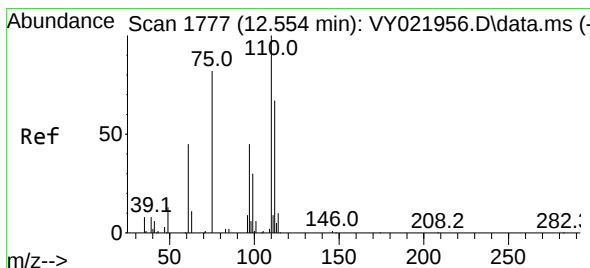
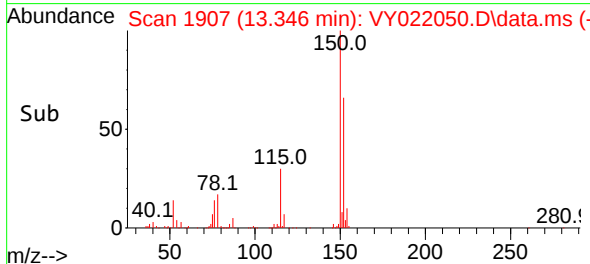
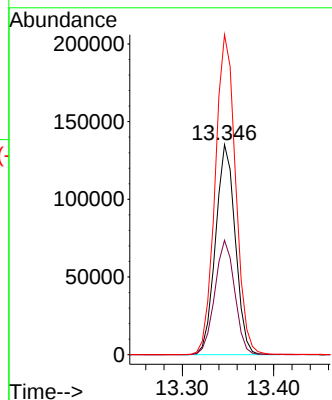
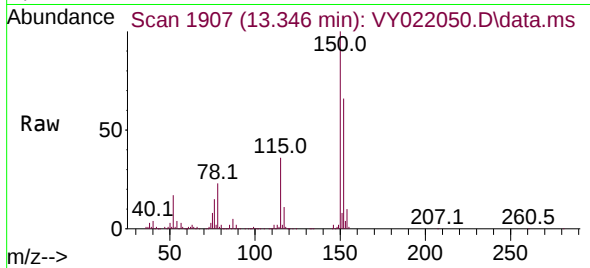




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

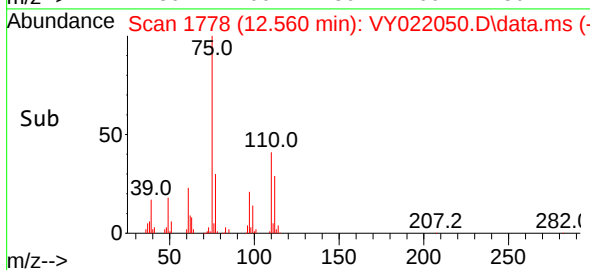
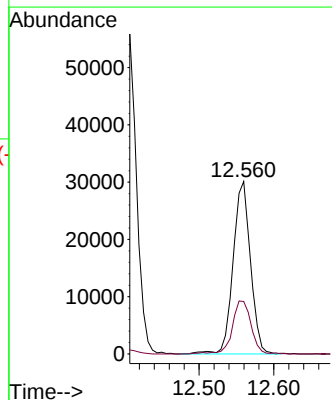
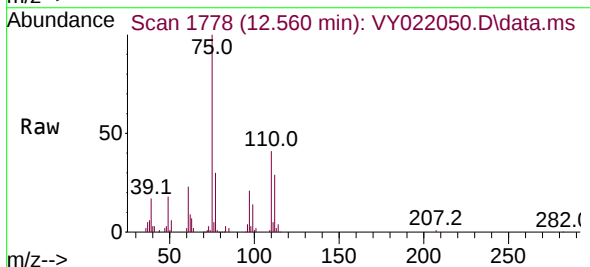
Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

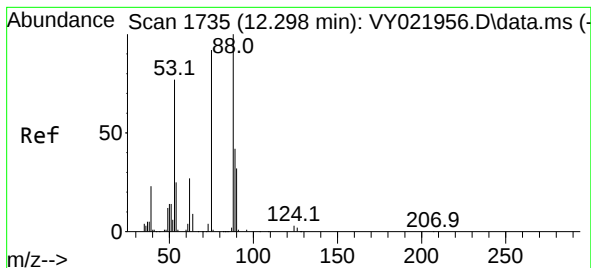
Tgt Ion:152 Resp: 202989
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.0 84.0
 150 158.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 28.027 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

Tgt Ion: 75 Resp: 48730
 Ion Ratio Lower Upper
 75 100
 77 33.4 0.0 0.0#

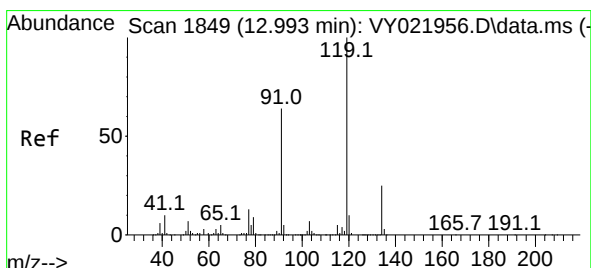
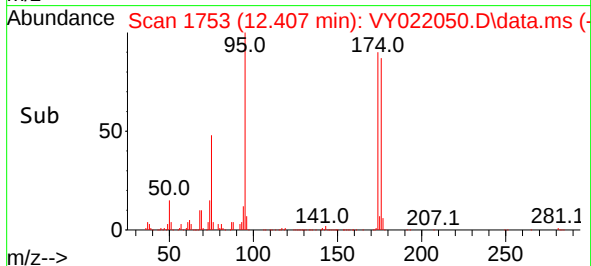
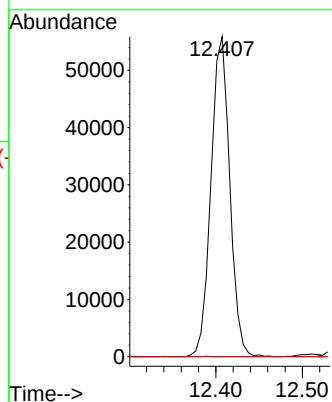
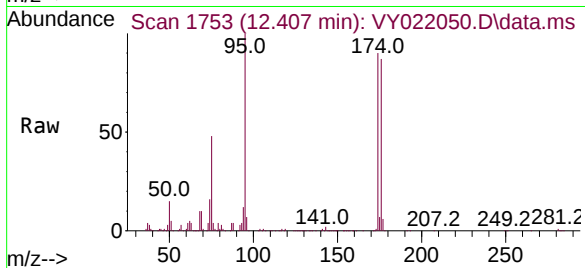




#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.647 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

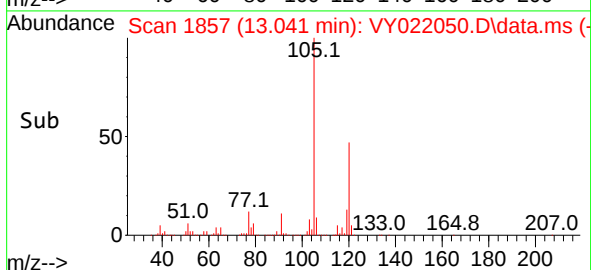
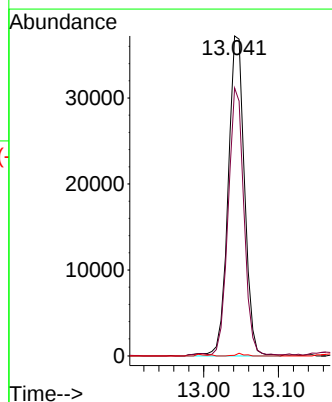
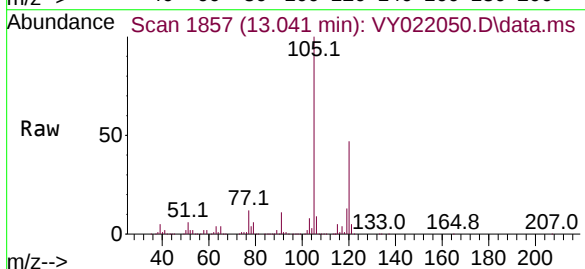
Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

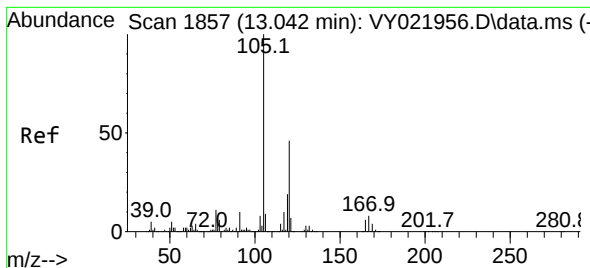
Tgt Ion: 75 Resp: 84220
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.0 99.0#
 89 0.0 37.2 55.8#



#83
 tert-Butylbenzene
 Concen: 5.669 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.048 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

Tgt Ion: 119 Resp: 56810
 Ion Ratio Lower Upper
 119 100
 91 79.2 30.3 90.9
 134 0.5 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 37.827 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022050.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

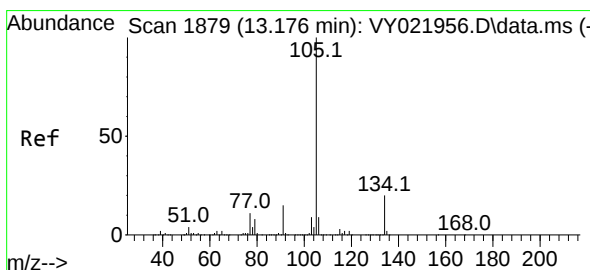
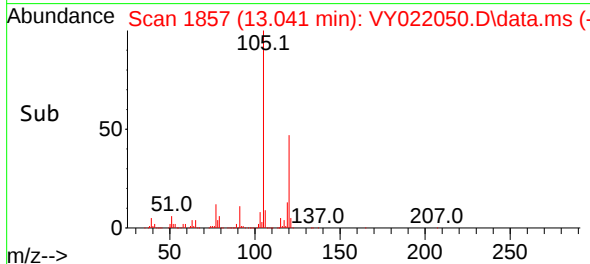
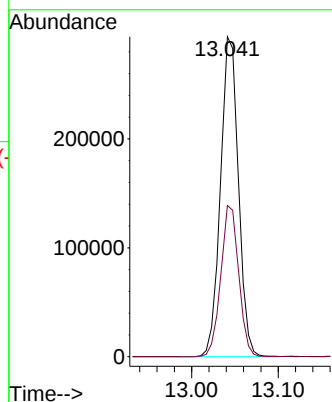
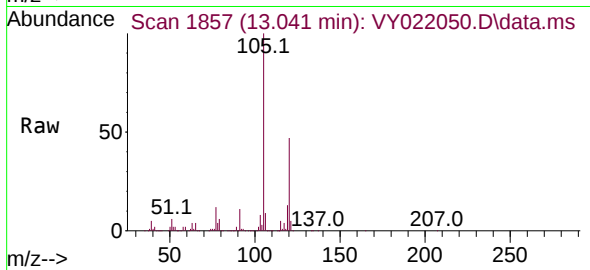
IBLK

Tgt Ion:105 Resp: 422779

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.0



#85

sec-Butylbenzene

Concen: 28.830 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.135 min

Lab File: VY022050.D

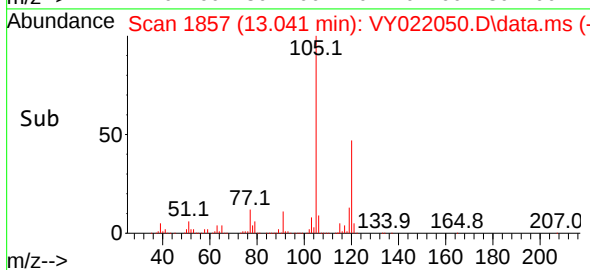
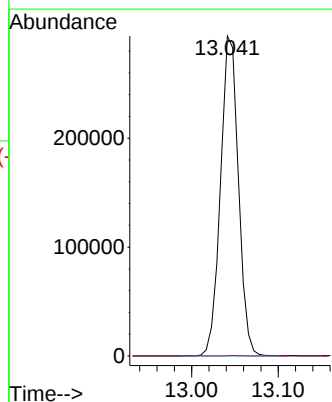
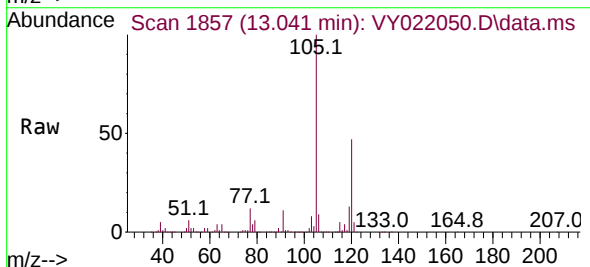
Acq: 29 Apr 2025 12:22

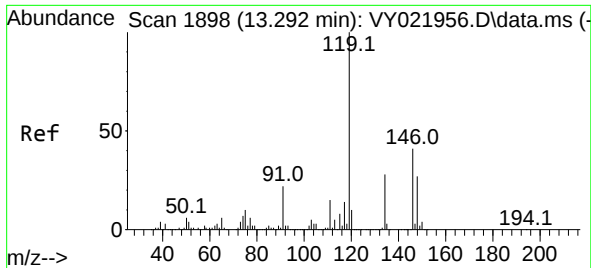
Tgt Ion:105 Resp: 422779

Ion Ratio Lower Upper

105 100

134 0.1 10.3 30.9#

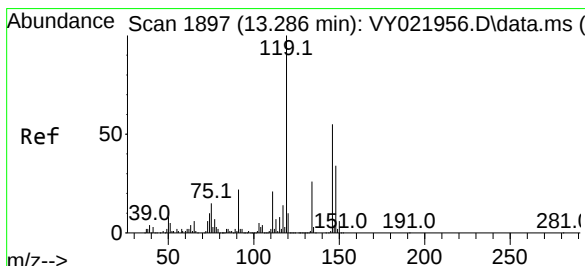
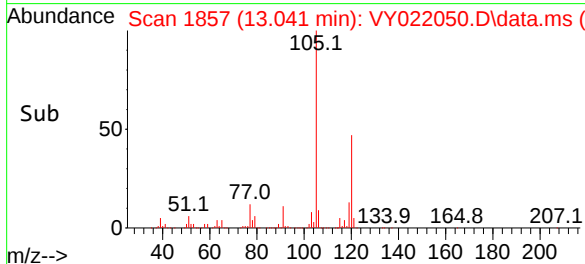
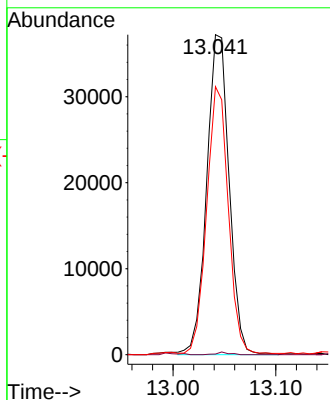
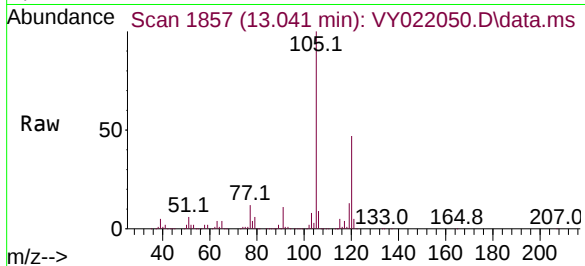




#86
p-Isopropyltoluene
Concen: 4.528 ug/l
RT: 13.041 min Scan# 11
Delta R.T. -0.250 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

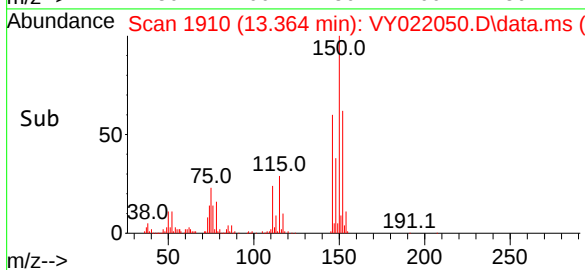
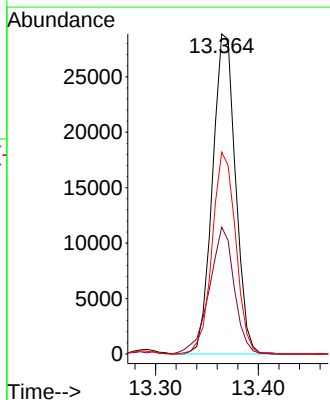
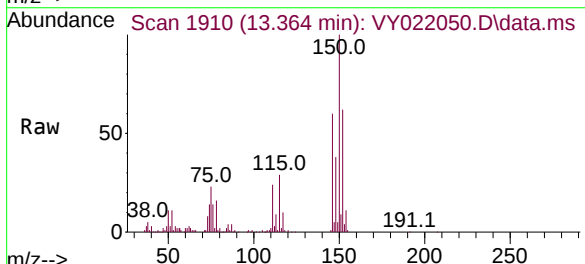
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

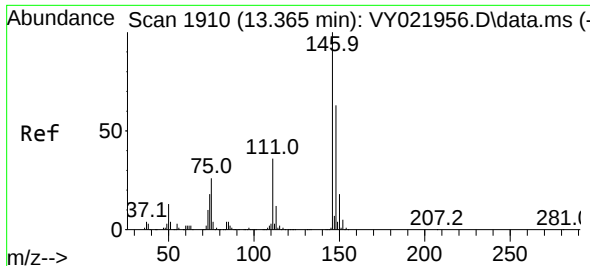
Tgt Ion:119 Resp: 56386
Ion Ratio Lower Upper
119 100
134 0.5 13.6 40.7#
91 79.8 11.0 33.0#



#87
1,3-Dichlorobenzene
Concen: 6.428 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. 0.079 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion:146 Resp: 44739
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.5
148 64.8 32.0 96.2

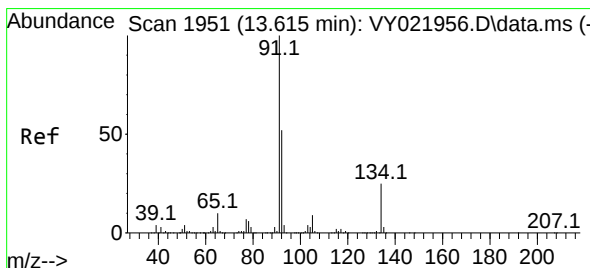
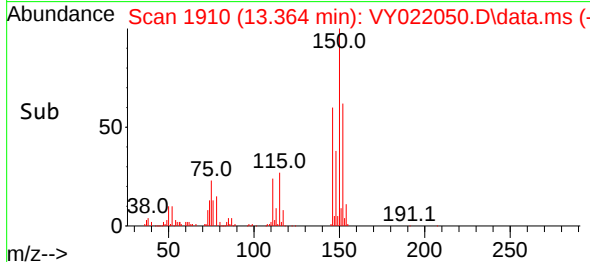
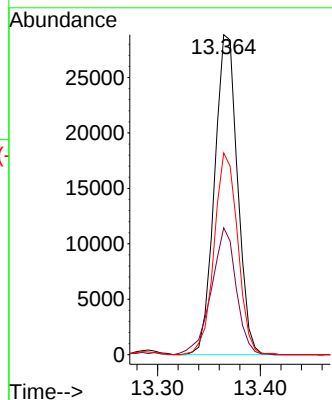
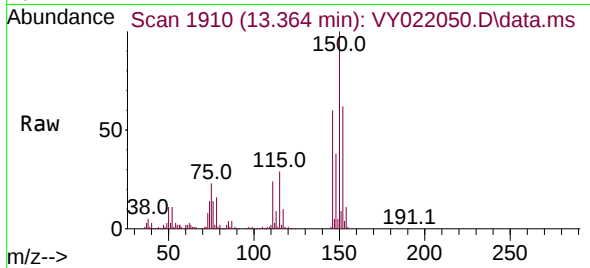




#88
 1,4-Dichlorobenzene
 Concen: 6.490 ug/l
 RT: 13.364 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

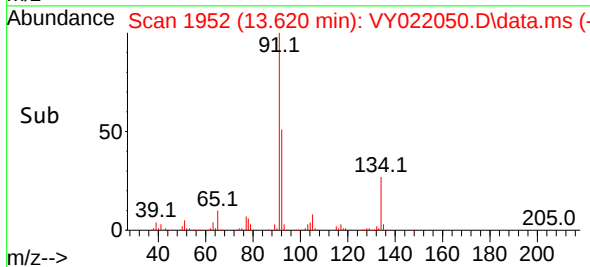
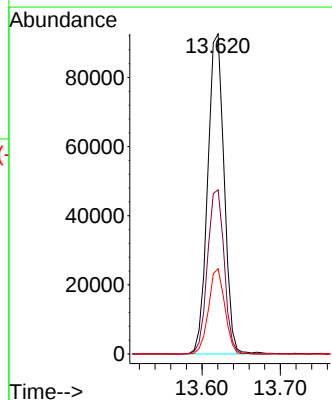
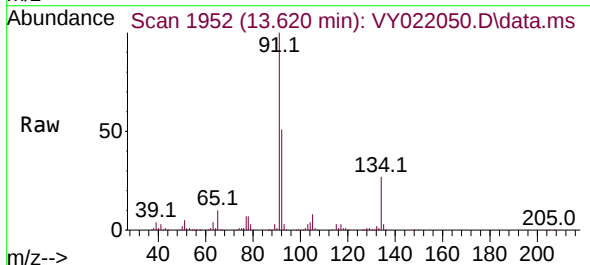
Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

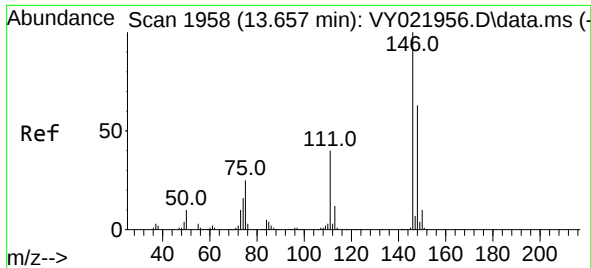
Tgt Ion:	146	Resp:	44739
Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.2	57.6
148	64.8	32.0	96.0



#89
 n-Butylbenzene
 Concen: 12.111 ug/l
 RT: 13.620 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VY022050.D
 Acq: 29 Apr 2025 12:22

Tgt Ion:	91	Resp:	134799
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.5
134	26.3	13.4	40.1

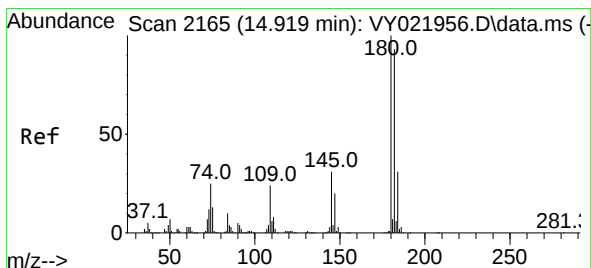
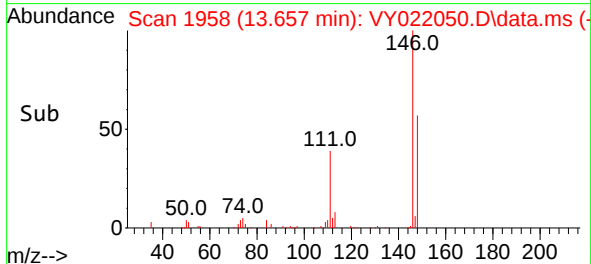
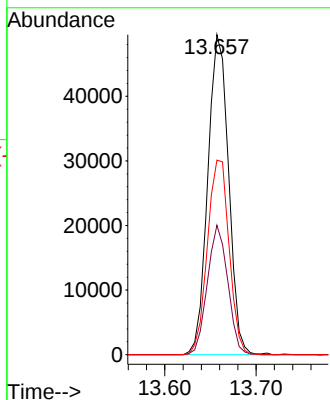
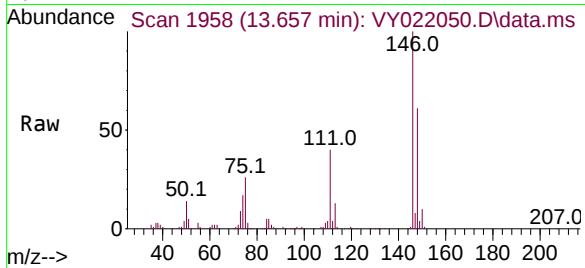




#91
1,2-Dichlorobenzene
Concen: 12.895 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:146	Resp:	78278
Ion Ratio	Lower	Upper
146	100	
111	39.6	19.7 59.1
148	63.6	32.1 96.3



#93
1,2,4-Trichlorobenzene
Concen: 12.064 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022050.D
Acq: 29 Apr 2025 12:22

Tgt Ion:180	Resp:	41502
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.1 141.4
145	29.5	15.0 45.0

