

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
 Data File : VY022521.D
 Acq On : 03 Jun 2025 14:38
 Operator : SY/MD
 Sample : Q2168-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3

Quant Time: Jun 04 04:12:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	44533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	67375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	44259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	14481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	19808	39.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.540%
35) Dibromofluoromethane	7.634	113	19285	47.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.920%
50) Toluene-d8	10.103	98	77955	47.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.940%
62) 4-Bromofluorobenzene	12.401	95	16244	33.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.100%

Target Compounds						Qvalue
11) Tert butyl alcohol	4.890	59	46	1.293	ug/l #	73
13) Acrolein	3.647	56	93	2.098	ug/l #	44
16) Acetone	3.848	43	482	4.765	ug/l #	79
18) Methyl Acetate	4.384	43	306	1.022	ug/l #	51
20) Methylene Chloride	4.610	84	591	1.029	ug/l #	80
25) 2-Butanone	6.890	43	172	1.179	ug/l #	46
31) Cyclohexane	7.695	56	3829	4.001	ug/l #	88
36) 1,1-Dichloropropene	7.707	75	3728	5.712	ug/l #	46
38) Carbon Tetrachloride	7.707	117	4409	6.585	ug/l #	16
39) Methylcyclohexane	9.103	83	6268	7.146	ug/l	97
40) Benzene	8.079	78	287939	149.364	ug/l	100
42) 1,2-Dichloroethane	8.085	62	3070	5.832	ug/l #	74
48) Methyl methacrylate	9.170	41	552	1.871	ug/l #	22
51) 4-Methyl-2-Pentanone	10.109	43	748	2.387	ug/l #	1
52) Toluene	10.170	92	344905	284.700	ug/l	100
53) t-1,3-Dichloropropene	10.164	75	4495	7.382	ug/l #	1
55) 1,1,2-Trichloroethane	10.548	97	1094	3.347	ug/l #	23
59) 2-Hexanone	10.731	43	2024	9.656	ug/l #	27
67) Ethyl Benzene	11.517	91	71463	39.340	ug/l	99
68) m/p-Xylenes	11.621	106	151429	219.895	ug/l	99
69) o-Xylene	11.950	106	64849	100.440	ug/l	99
70) Styrene	11.968	104	20709	19.404	ug/l #	56
73) Isopropylbenzene	12.255	105	4547	3.825	ug/l	96
74) N-amyl acetate	12.048	43	2148	7.160	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.560	83	701	3.593	ug/l #	25
76) 1,2,3-Trichloropropane	12.401	75	9252	55.847	ug/l #	100
78) n-propylbenzene	12.596	91	13396	9.225	ug/l	98
79) 2-Chlorotoluene	12.657	91	4366	5.673	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.737	105	24603	26.359	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.401	75	9252	134.866	ug/l #	12
82) 4-Chlorotoluene	12.730	91	2849	3.588	ug/l #	41
83) tert-Butylbenzene	13.236	119	2506	2.991	ug/l	76
84) 1,2,4-Trimethylbenzene	13.041	105	66449	71.180	ug/l	99
85) sec-Butylbenzene	13.041	105	66449	51.791	ug/l #	57
86) p-Isopropyltoluene	13.291	119	1981	1.873	ug/l #	81
89) n-Butylbenzene	13.614	91	1648	1.642	ug/l #	79

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

Quant Time: Jun 04 04:12:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

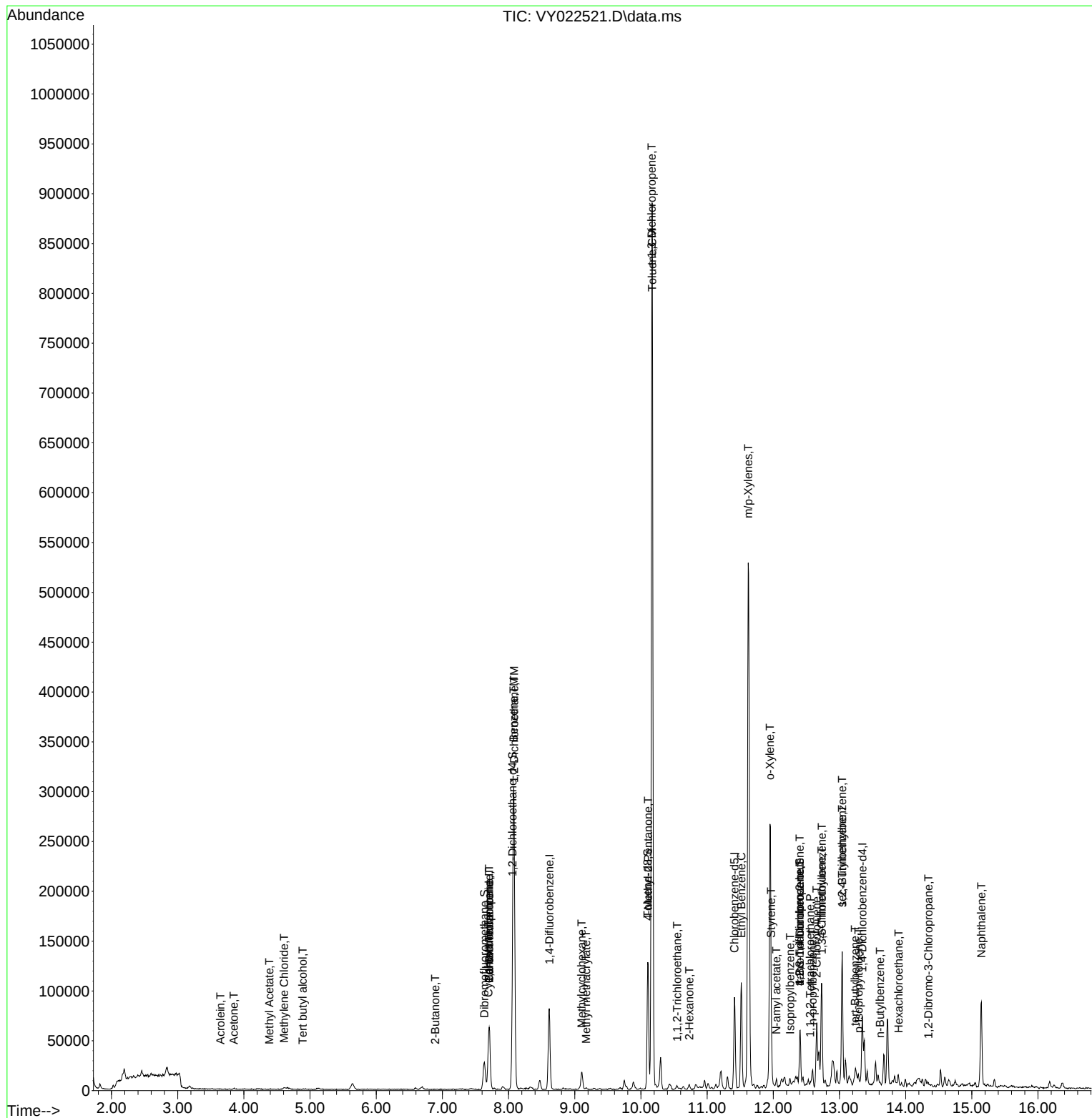
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.895	117	412	2.001	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.346	75	41	1.443	ug/l #	2
95) Naphthalene	15.145	128	65018	143.942	ug/l	99

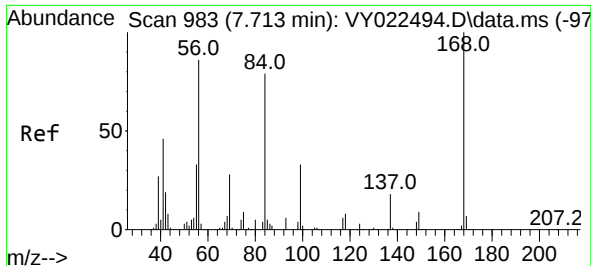
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060325\
Data File : VY022521.D
Acq On : 03 Jun 2025 14:38
Operator : SY/MD
Sample : Q2168-07
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B3

Quant Time: Jun 04 04:12:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

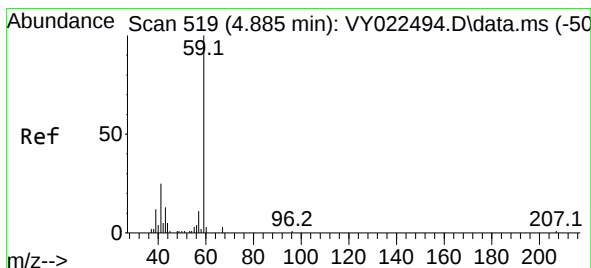
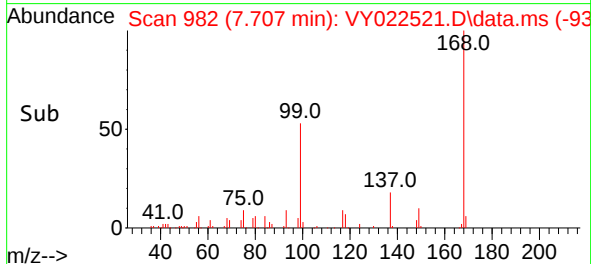
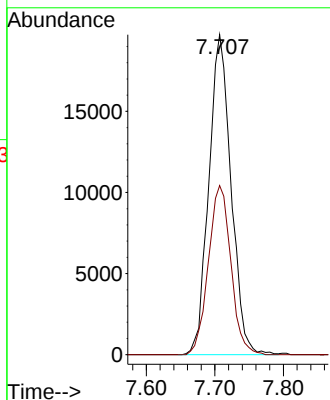
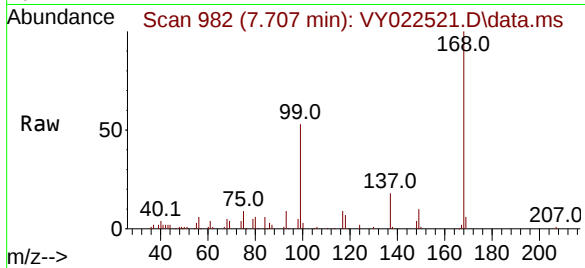




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

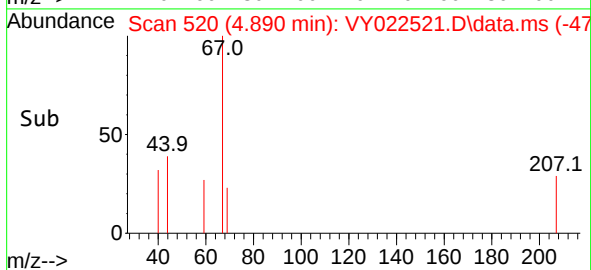
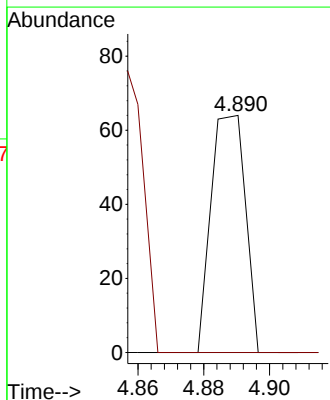
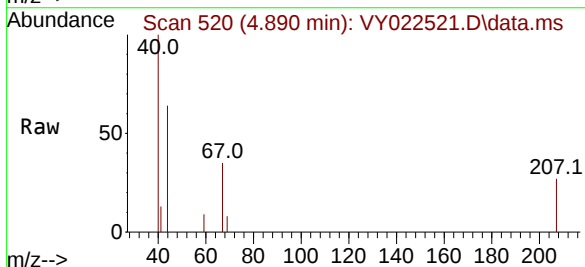
Instrument :
MSVOA_Y
ClientSampleId :
B3

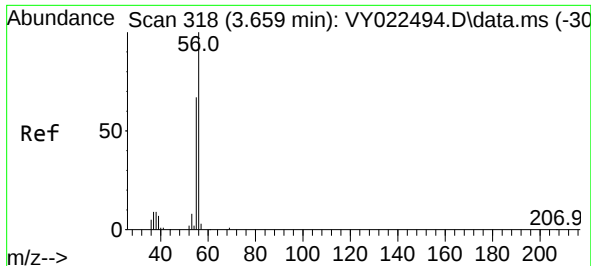
Tgt Ion:168 Resp: 44533
Ion Ratio Lower Upper
168 100
99 52.8 44.3 66.5



#11
Tert butyl alcohol
Concen: 1.293 ug/l
RT: 4.890 min Scan# 520
Delta R.T. 0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 59 Resp: 46
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

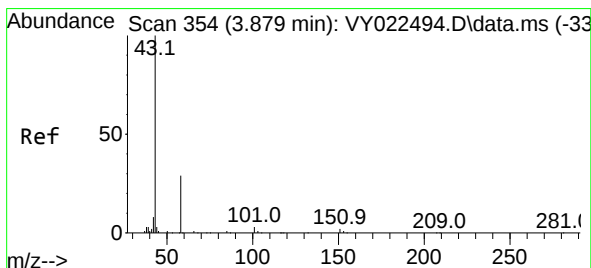
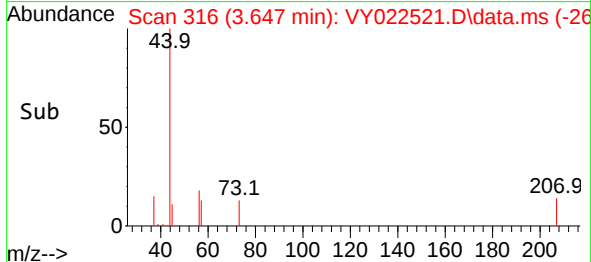
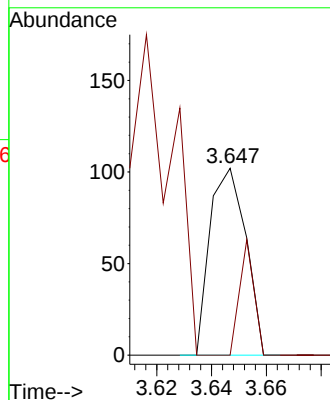
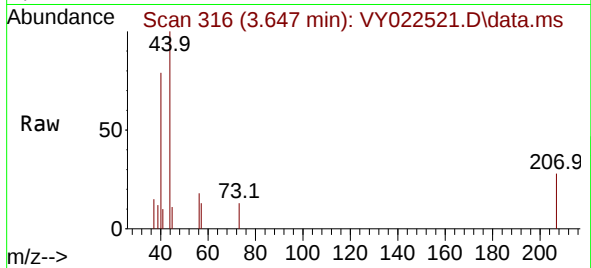




#13
Acrolein
Concen: 2.098 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.013 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

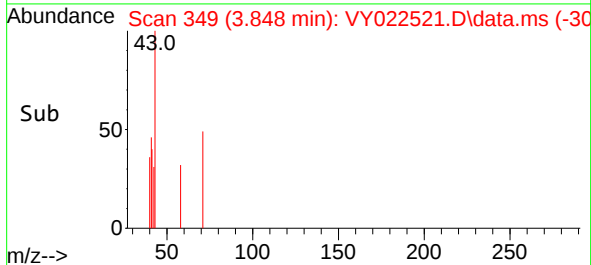
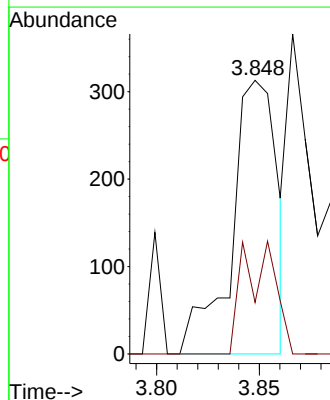
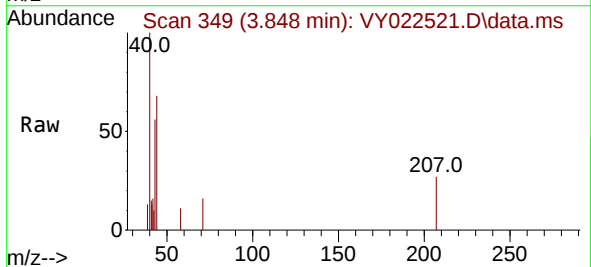
Instrument :
MSVOA_Y
ClientSampleId :
B3

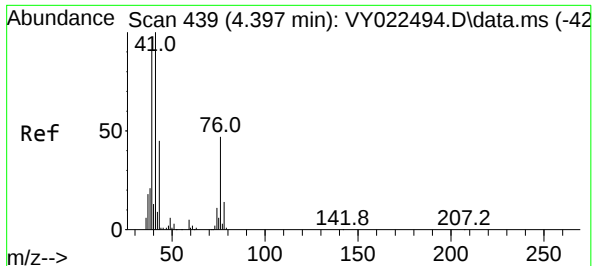
Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 24.7 57.0 85.6#



#16
Acetone
Concen: 4.765 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.031 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
58 18.8 24.0 36.0#

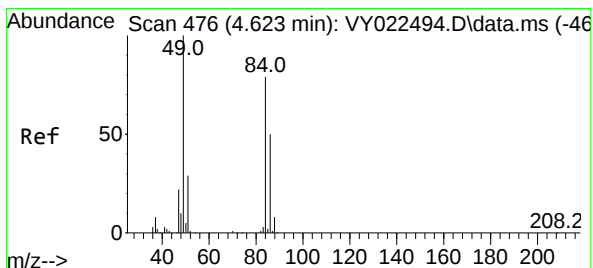
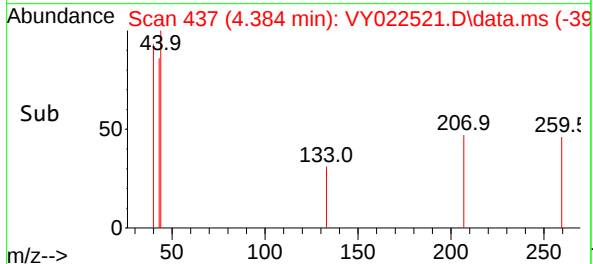
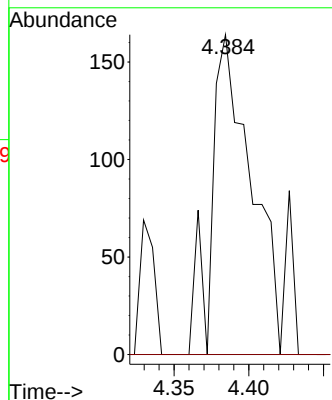
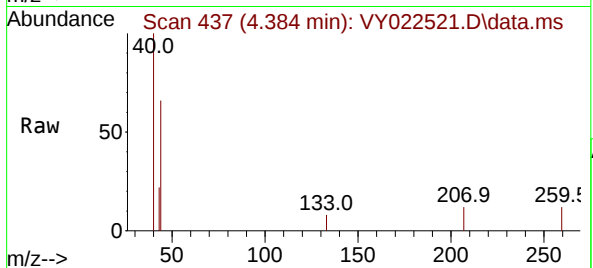




#18
Methyl Acetate
Concen: 1.022 ug/l
RT: 4.384 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

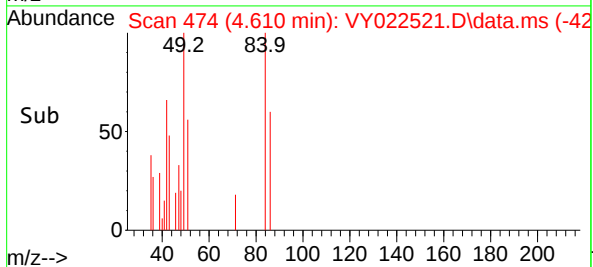
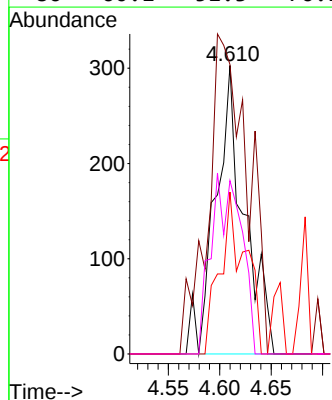
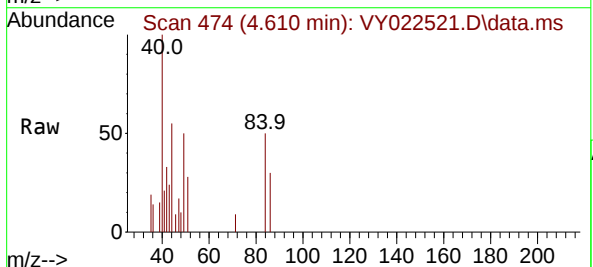
Instrument :
MSVOA_Y
ClientSampleId :
B3

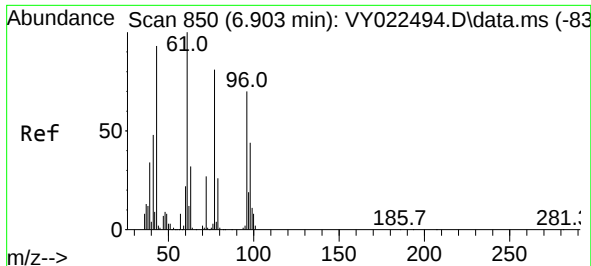
Tgt Ion: 43 Resp: 306
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#20
Methylene Chloride
Concen: 1.029 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.013 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 84 Resp: 591
Ion Ratio Lower Upper
84 100
49 100.3 101.9 152.9#
51 56.1 29.8 44.8#
86 60.1 51.3 76.9

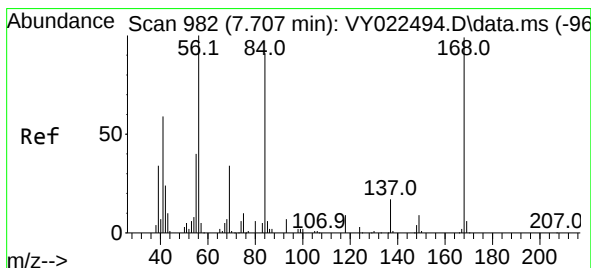
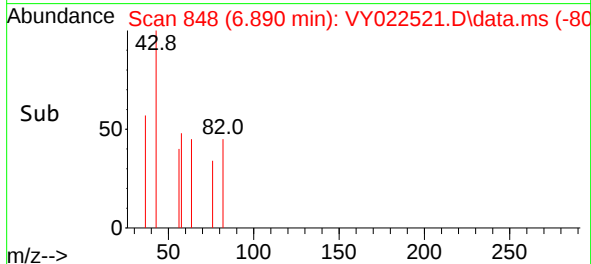
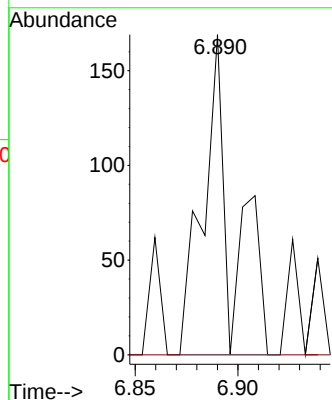
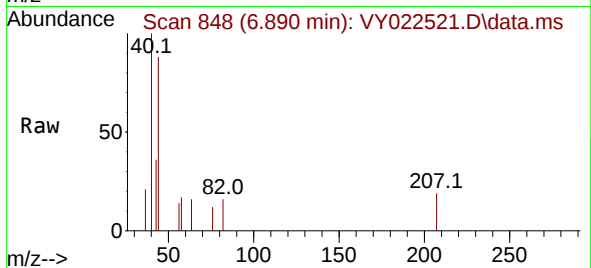




#25
2-Butanone
Concen: 1.179 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.013 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

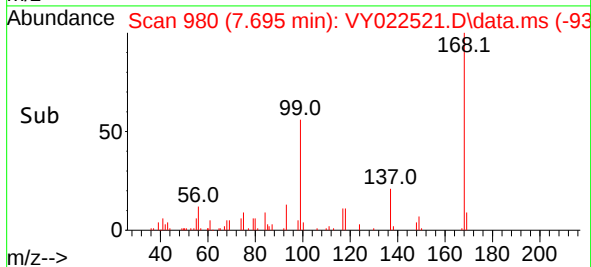
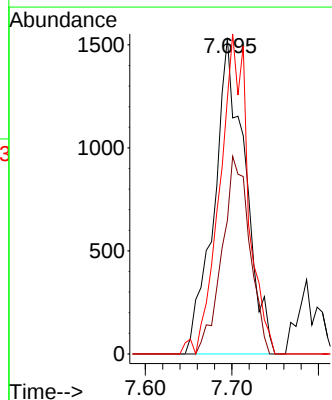
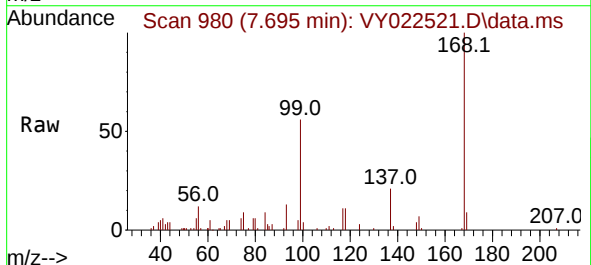
Instrument :
MSVOA_Y
ClientSampleId :
B3

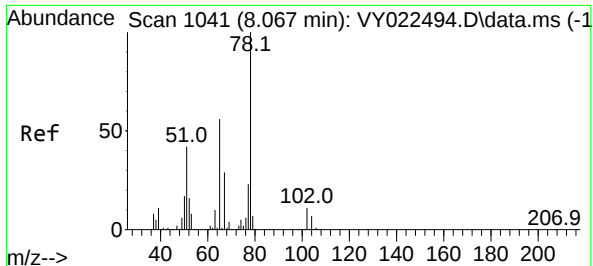
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
72 0.0 22.9 34.3#



#31
Cyclohexane
Concen: 4.001 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.013 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 56 Resp: 3829
Ion Ratio Lower Upper
56 100
69 42.2 27.0 40.6#
84 80.8 72.6 109.0





#33

1,2-Dichloroethane-d4

Concen: 39.769 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.006 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

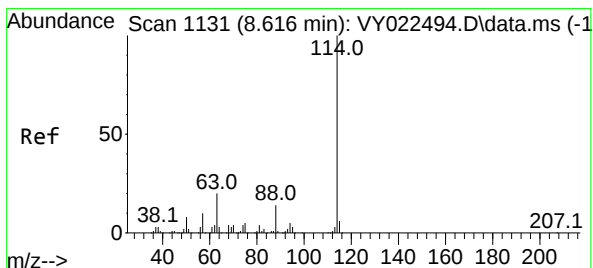
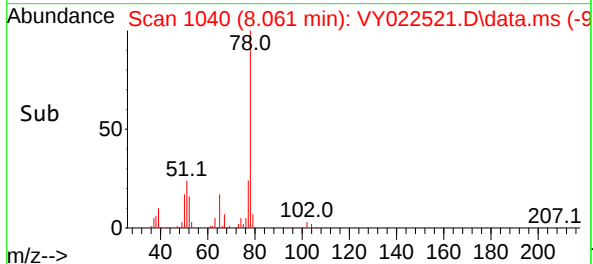
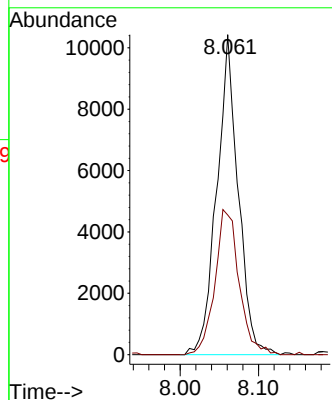
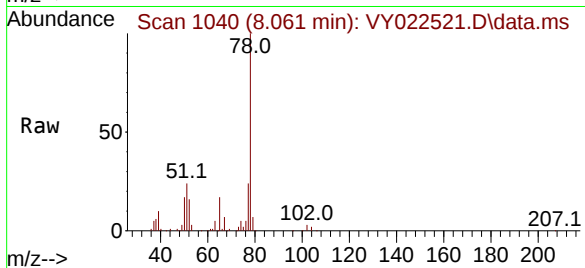
B3

Tgt Ion: 65 Resp: 19808

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

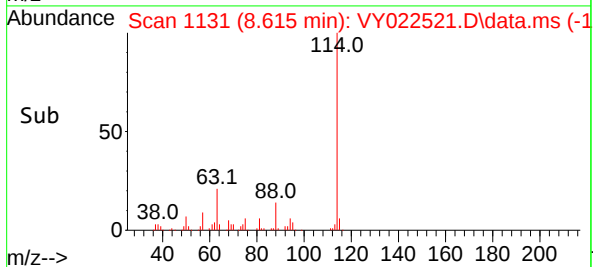
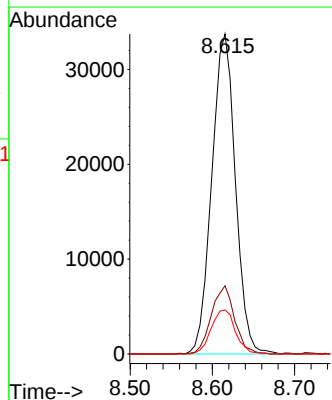
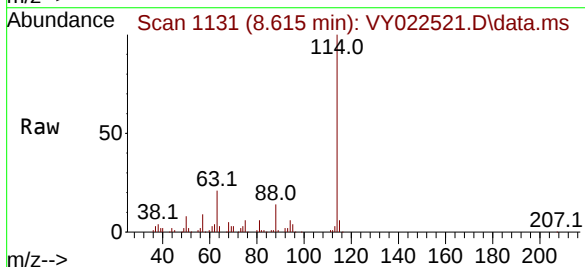
Tgt Ion: 114 Resp: 67375

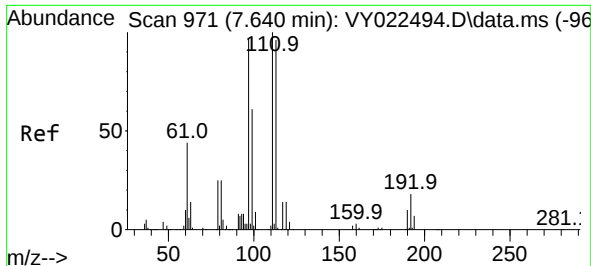
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 13.8 0.0 27.8

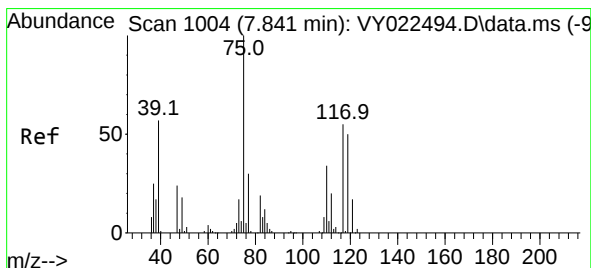
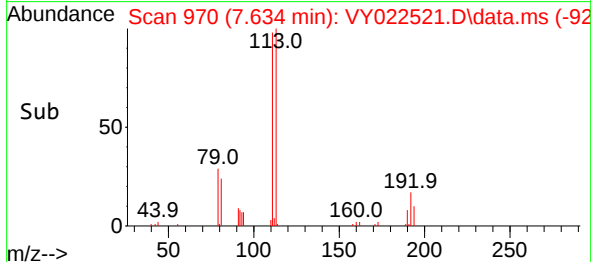
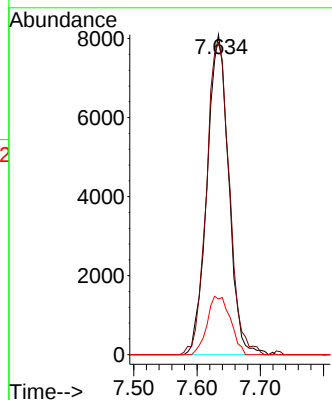
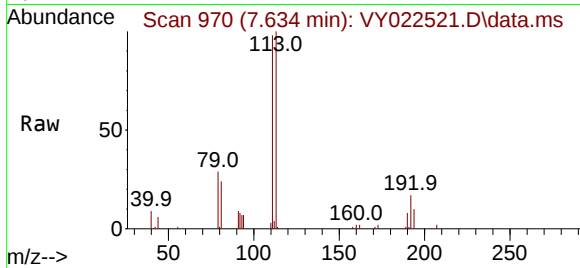




#35
Dibromofluoromethane
Concen: 47.955 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

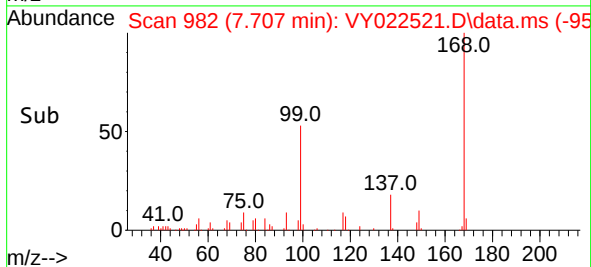
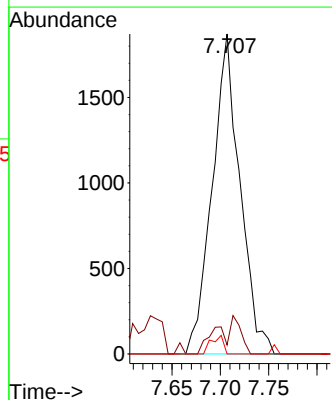
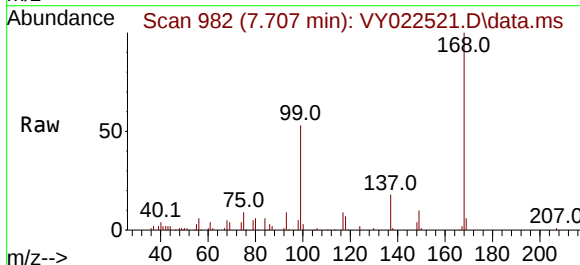
Instrument :
MSVOA_Y
ClientSampleId :
B3

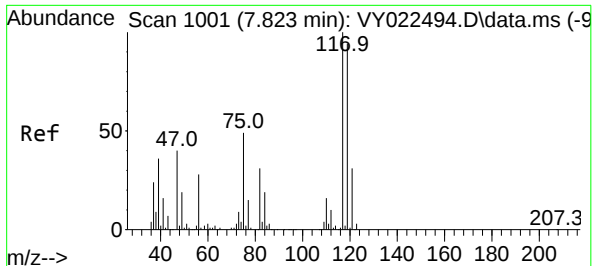
Tgt Ion:113 Resp: 19285
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 19.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.712 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 75 Resp: 3728
Ion Ratio Lower Upper
75 100
110 4.5 16.9 50.7#
77 0.0 24.8 37.2#

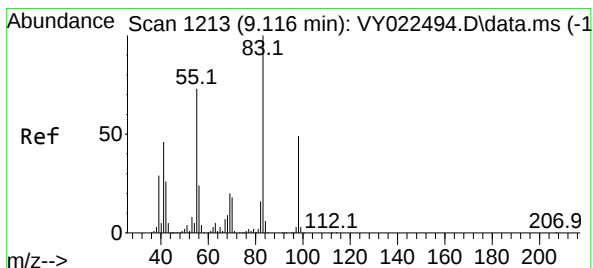
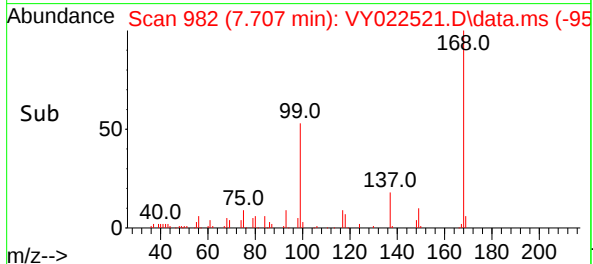
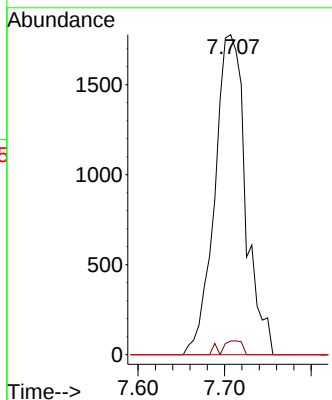
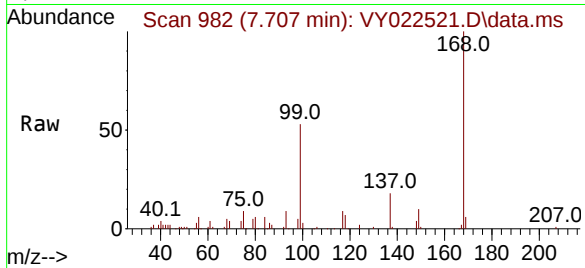




#38
Carbon Tetrachloride
Concen: 6.585 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

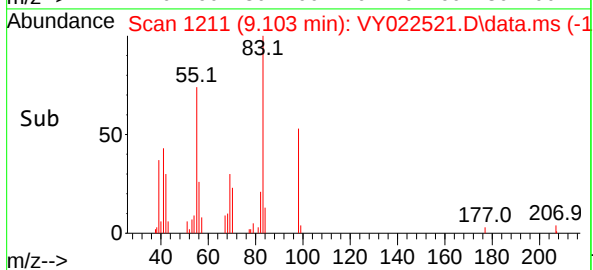
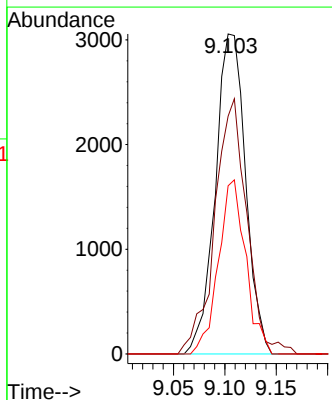
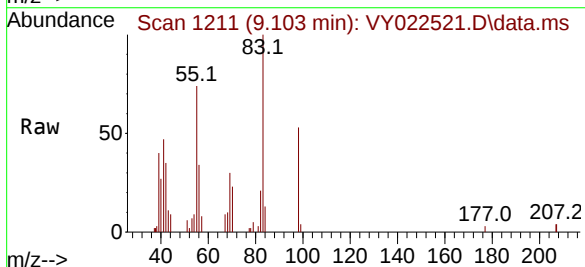
Instrument :
MSVOA_Y
ClientSampleId :
B3

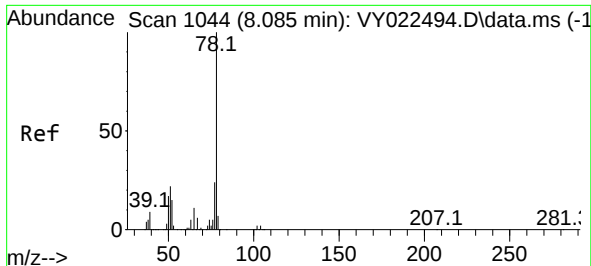
Tgt Ion:117 Resp: 4409
Ion Ratio Lower Upper
117 100
119 4.3 75.0 112.6#
121 0.0 25.0 37.4#



#39
Methylcyclohexane
Concen: 7.146 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.013 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 83 Resp: 6268
Ion Ratio Lower Upper
83 100
55 74.3 58.1 87.1
98 52.5 39.0 58.6

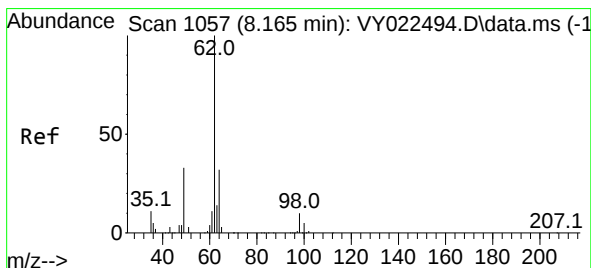
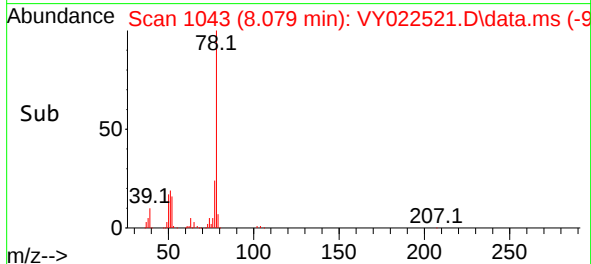
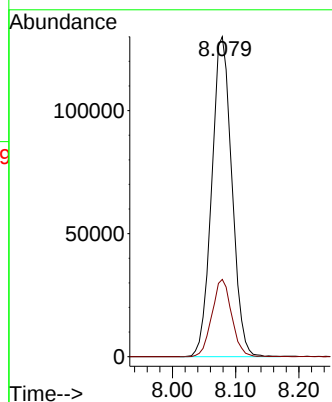
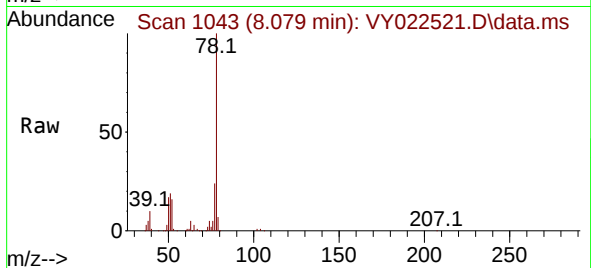




#40
Benzene
Concen: 149.364 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

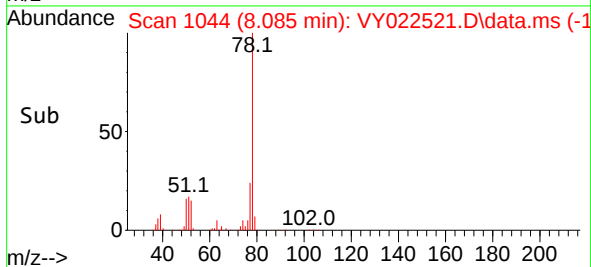
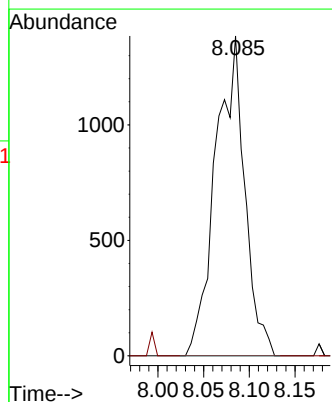
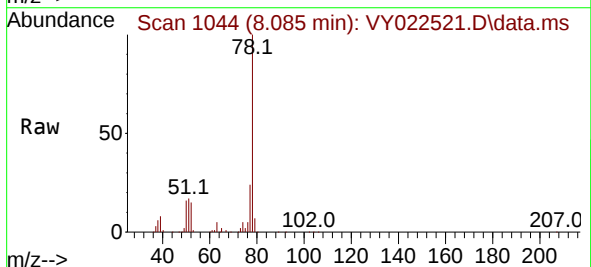
Instrument :
MSVOA_Y
ClientSampleId :
B3

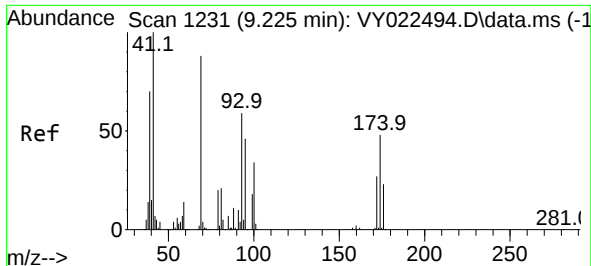
Tgt Ion: 78 Resp: 287939
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



#42
1,2-Dichloroethane
Concen: 5.832 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.080 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 62 Resp: 3070
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.2





#48

Methyl methacrylate

Concen: 1.871 ug/l

RT: 9.170 min Scan# 11

Delta R.T. -0.055 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

B3

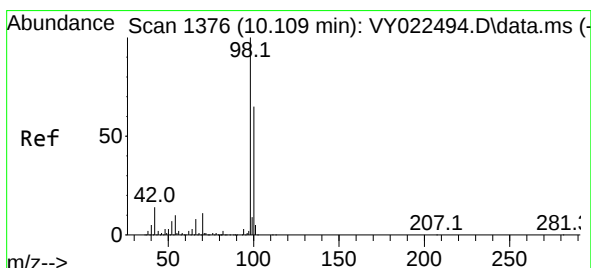
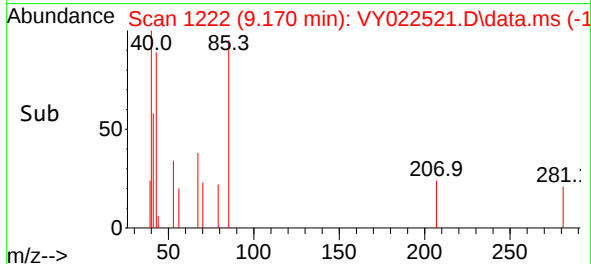
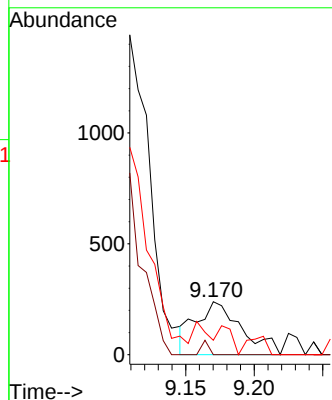
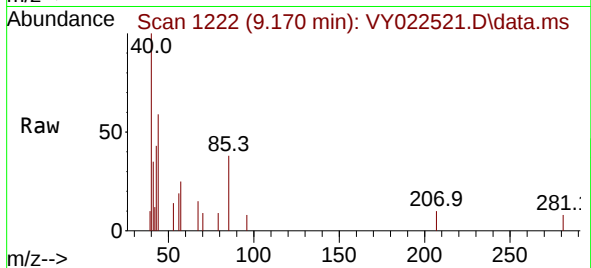
Tgt Ion: 41 Resp: 552

Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.8#

39 21.0 55.0 82.4#



#50

Toluene-d8

Concen: 47.974 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022521.D

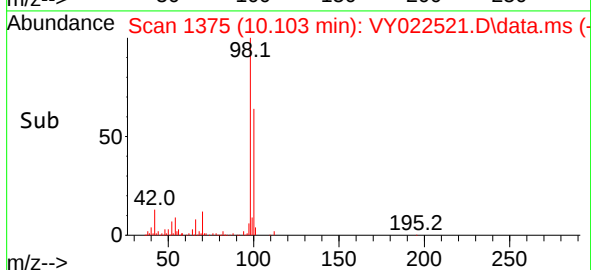
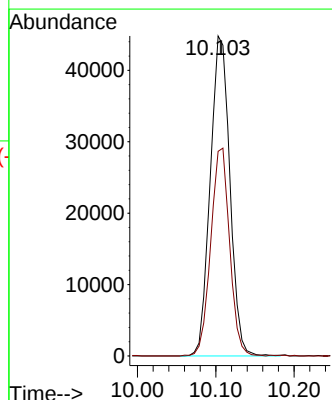
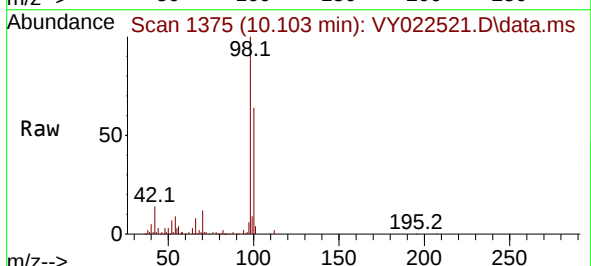
Acq: 03 Jun 2025 14:38

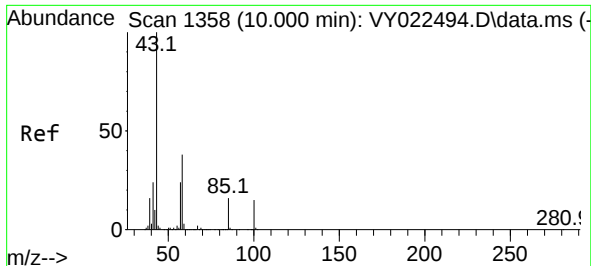
Tgt Ion: 98 Resp: 77955

Ion Ratio Lower Upper

98 100

100 62.5 51.4 77.0

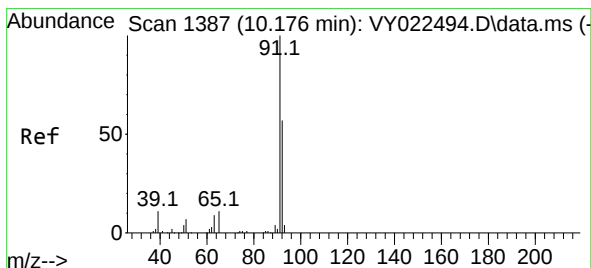
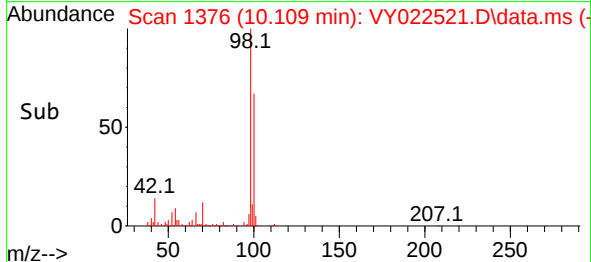
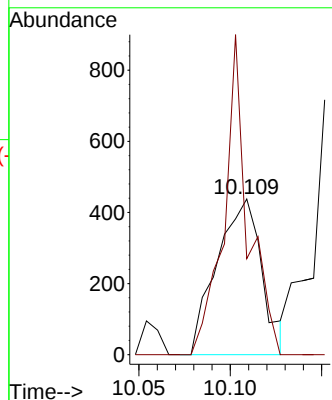
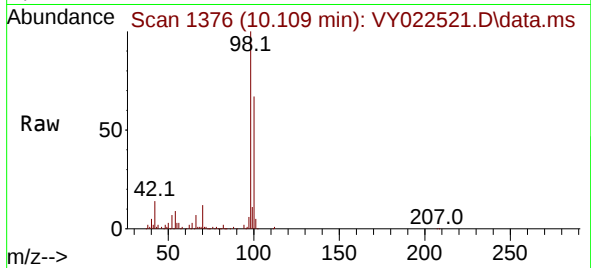




#51
4-Methyl-2-Pentanone
Concen: 2.387 ug/l
RT: 10.109 min Scan# 1358
Delta R.T. 0.109 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

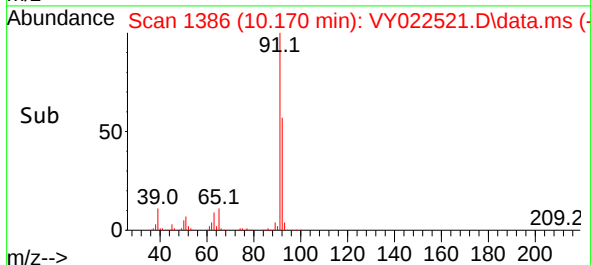
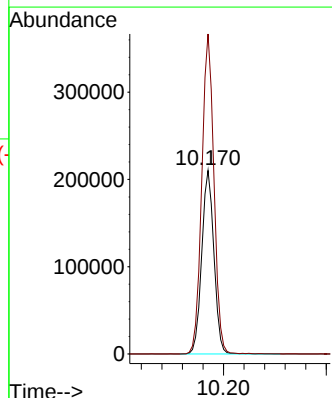
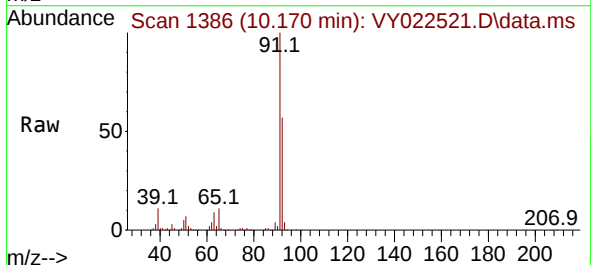
Instrument :
MSVOA_Y
ClientSampleId :
B3

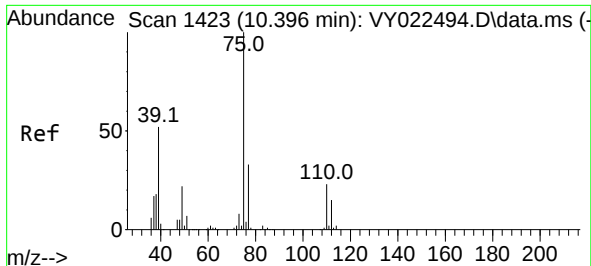
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 110.7 30.4 45.6#



#52
Toluene
Concen: 284.700 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 92 Resp: 344905
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.4

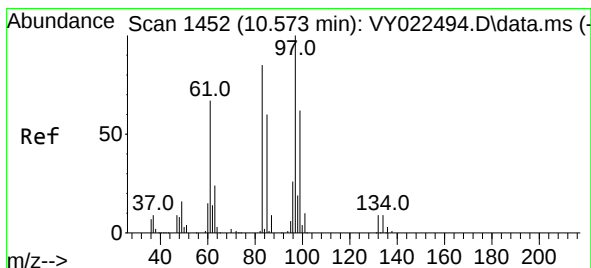
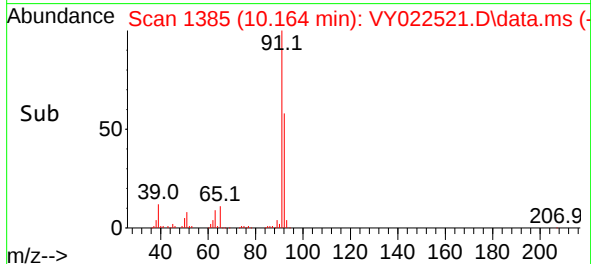
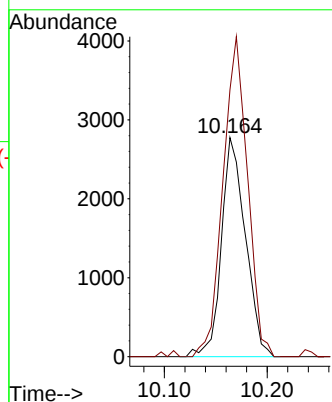
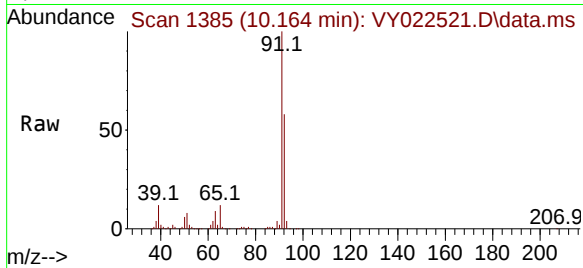




#53
t-1,3-Dichloropropene
Concen: 7.382 ug/l
RT: 10.164 min Scan# 11
Delta R.T. -0.232 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

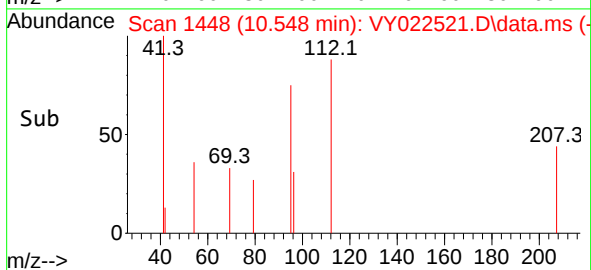
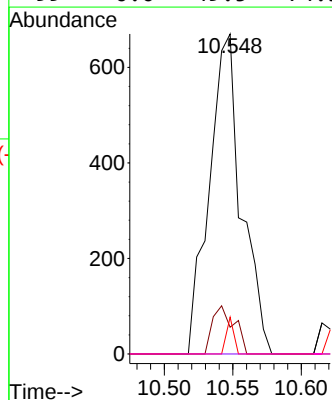
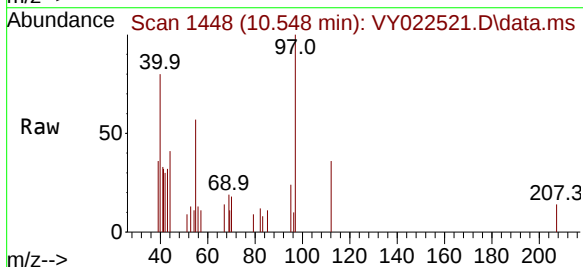
Instrument :
MSVOA_Y
ClientSampleId :
B3

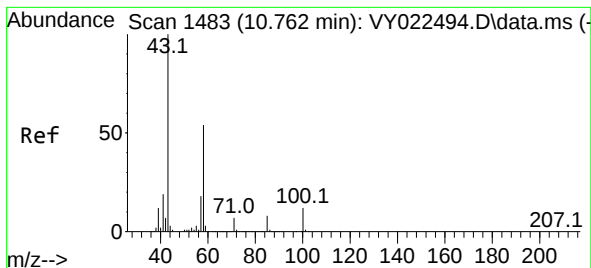
Tgt Ion: 75 Resp: 4495
Ion Ratio Lower Upper
75 100
77 121.9 26.5 39.7#



#55
1,1,2-Trichloroethane
Concen: 3.347 ug/l
RT: 10.548 min Scan# 1448
Delta R.T. -0.025 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 97 Resp: 1094
Ion Ratio Lower Upper
97 100
83 8.4 68.1 102.1#
85 11.5 48.2 72.2#
99 0.0 49.5 74.3#

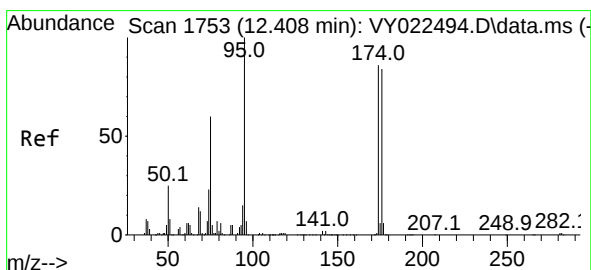
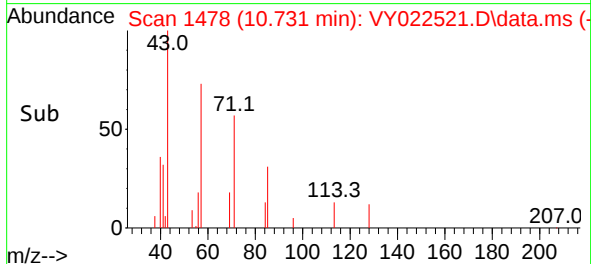
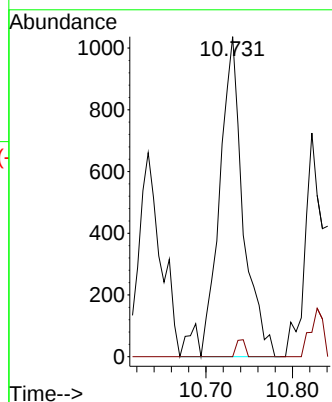
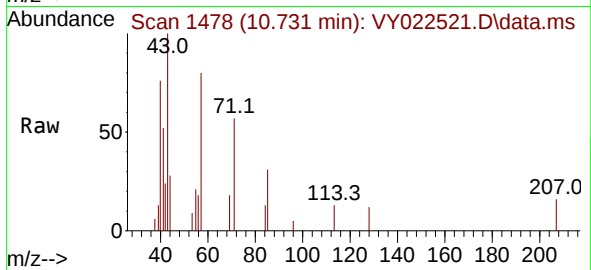




#59
2-Hexanone
Concen: 9.656 ug/l
RT: 10.731 min Scan# 1483
Delta R.T. -0.031 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

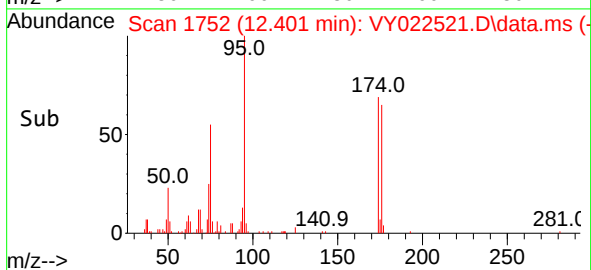
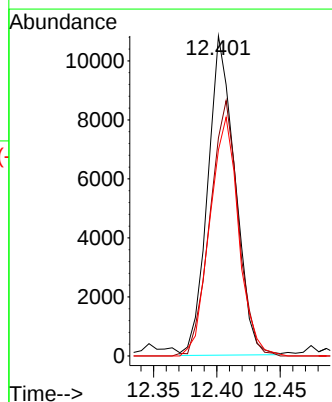
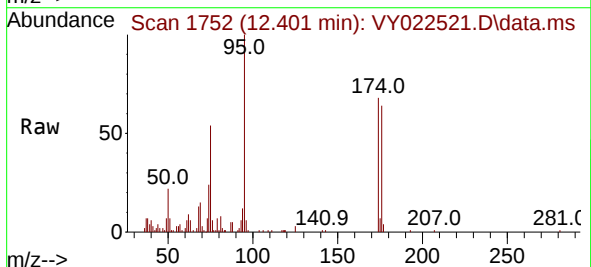
Instrument :
MSVOA_Y
ClientSampleId :
B3

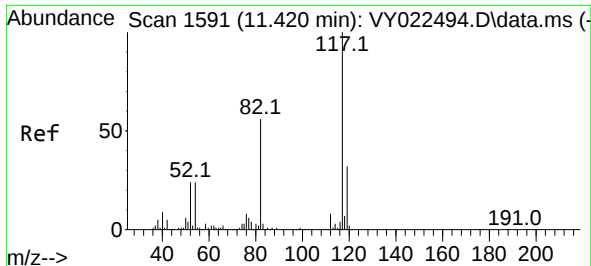
Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
58 2.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 33.552 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 95 Resp: 16244
Ion Ratio Lower Upper
95 100
174 82.9 0.0 170.0
176 79.1 0.0 166.2

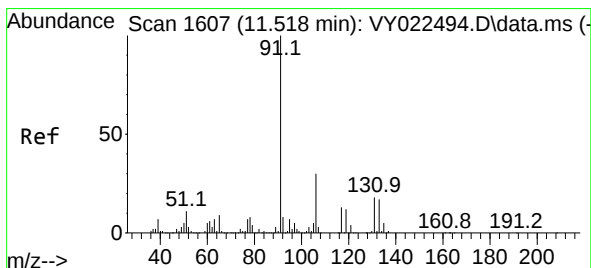
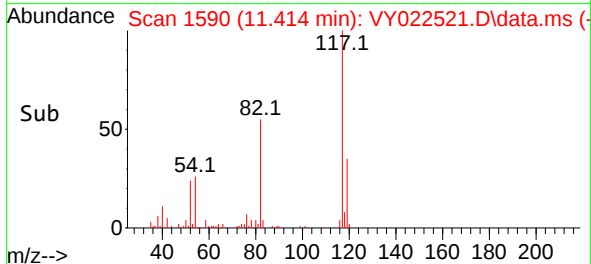
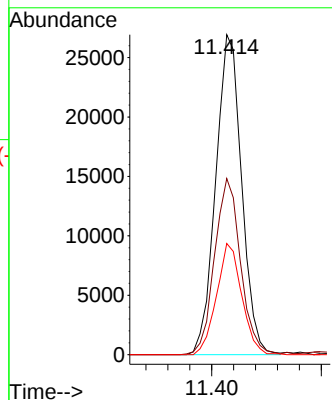
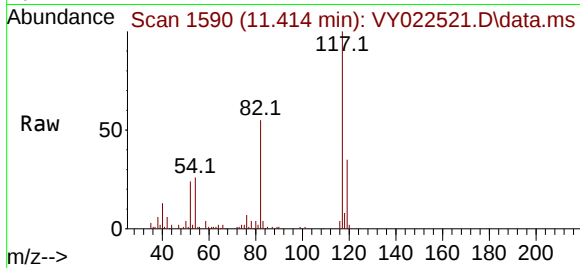




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

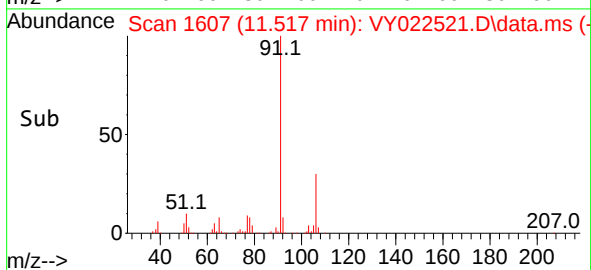
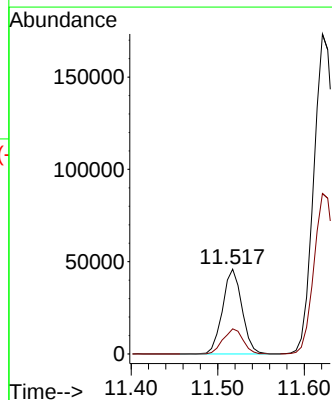
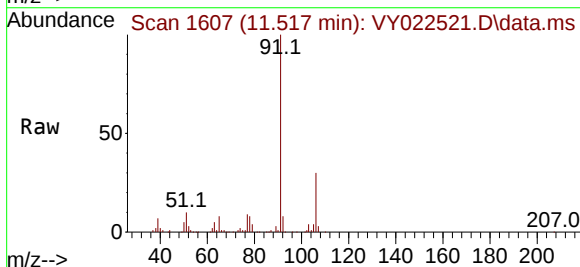
Instrument :
MSVOA_Y
ClientSampleId :
B3

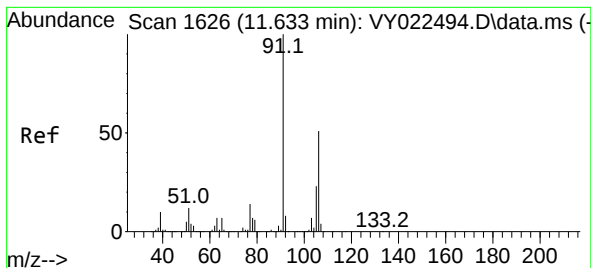
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	66.8
119	34.7	25.4	38.0



#67
Ethyl Benzene
Concen: 39.340 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.2	36.4





#68

m/p-Xylenes

Concen: 219.895 ug/l

RT: 11.621 min Scan# 1

Delta R.T. -0.013 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

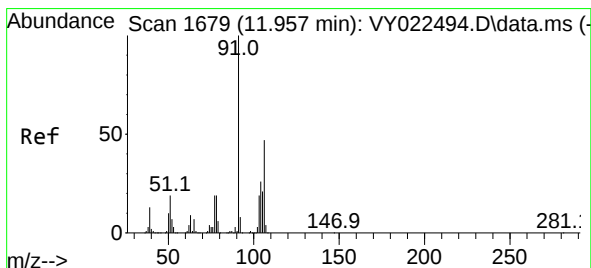
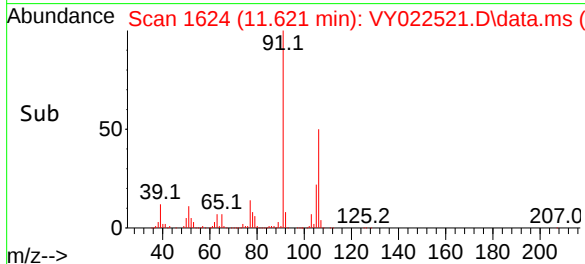
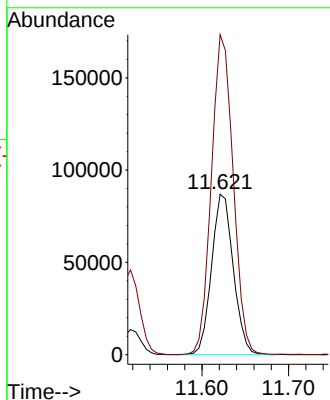
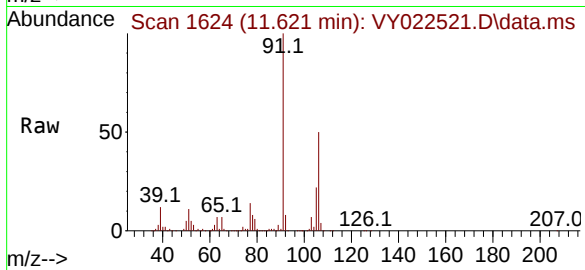
B3

Tgt Ion:106 Resp: 151429

Ion Ratio Lower Upper

106 100

91 200.2 159.4 239.0



#69

o-Xylene

Concen: 100.440 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY022521.D

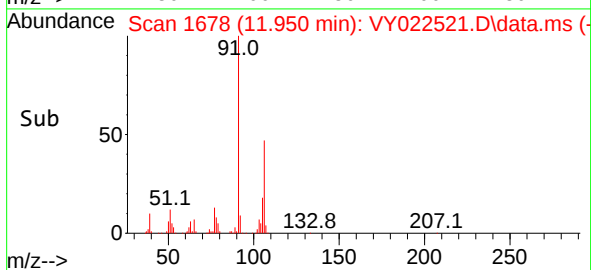
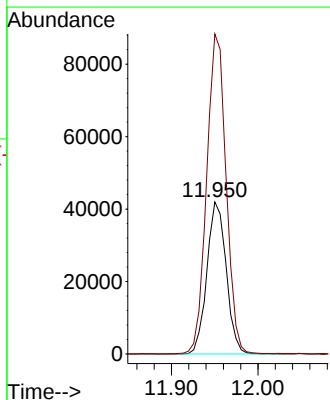
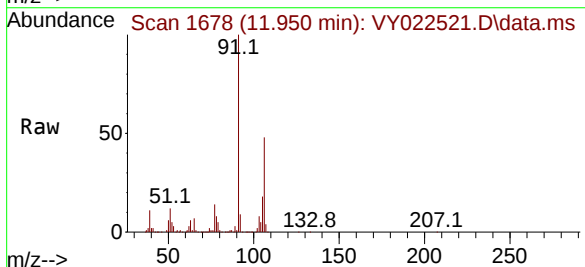
Acq: 03 Jun 2025 14:38

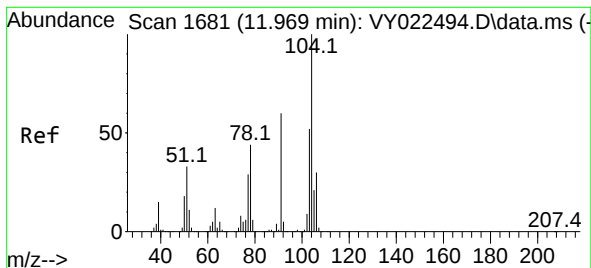
Tgt Ion:106 Resp: 64849

Ion Ratio Lower Upper

106 100

91 212.9 105.8 317.3





#70

Styrene

Concen: 19.404 ug/l

RT: 11.968 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

B3

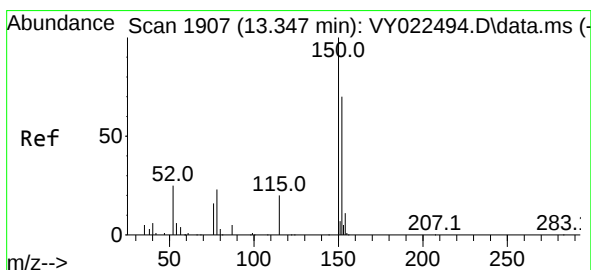
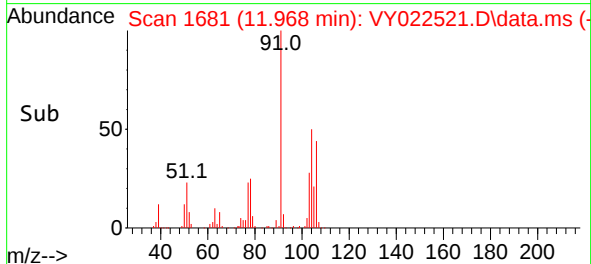
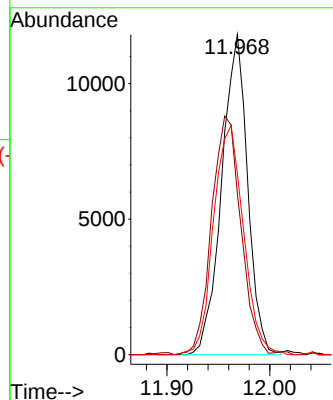
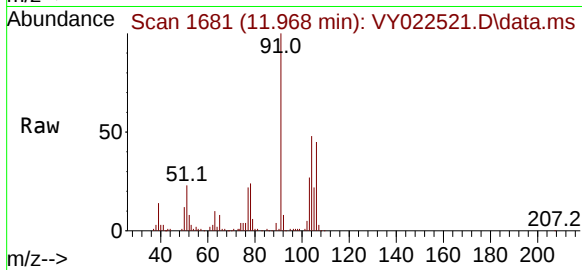
Tgt Ion:104 Resp: 20709

Ion Ratio Lower Upper

104 100

78 83.8 39.5 59.3#

103 82.5 44.1 66.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

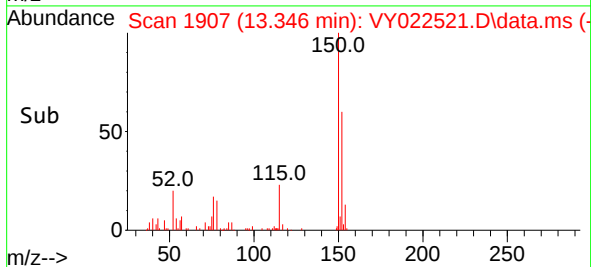
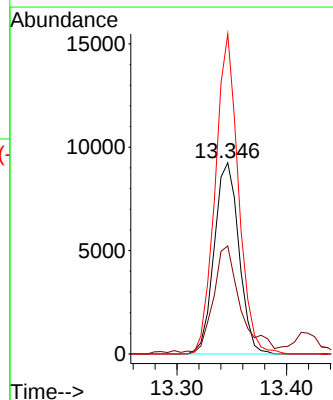
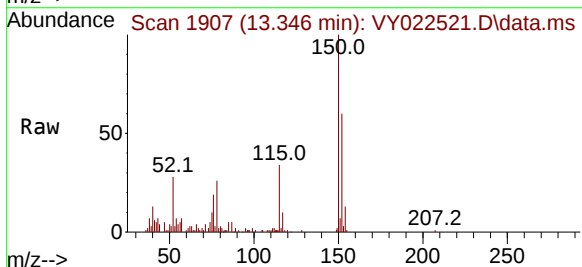
Tgt Ion:152 Resp: 14481

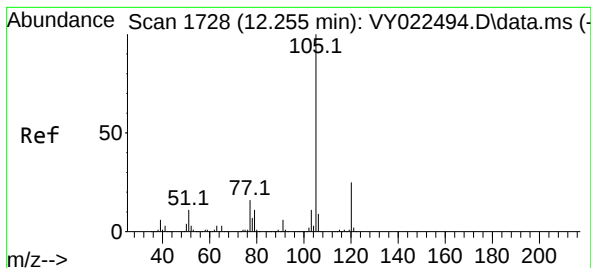
Ion Ratio Lower Upper

152 100

115 60.7 28.9 86.7

150 157.0 0.0 349.6





#73

Isopropylbenzene

Concen: 3.825 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

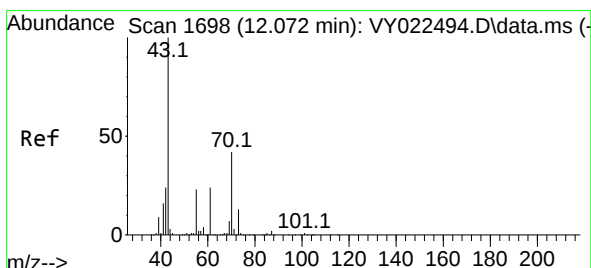
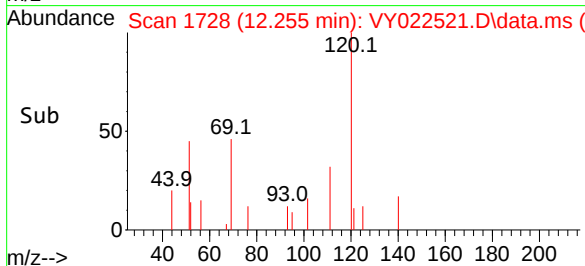
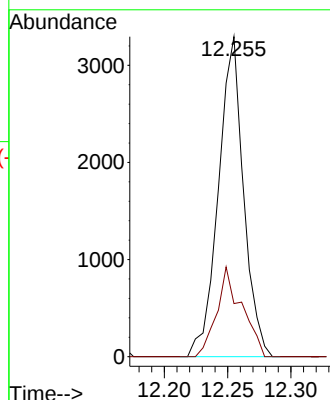
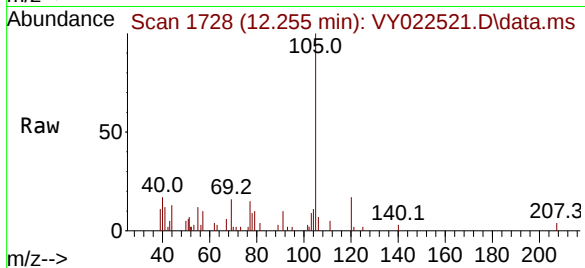
B3

Tgt Ion:105 Resp: 4547

Ion Ratio Lower Upper

105 100

120 27.9 13.0 38.9



#74

N-ethyl acetate

Concen: 7.160 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.025 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Tgt Ion: 43 Resp: 2148

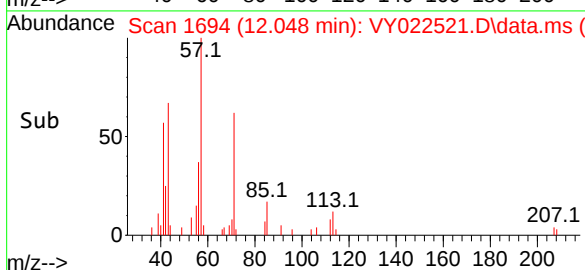
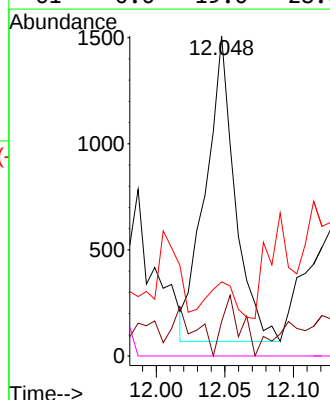
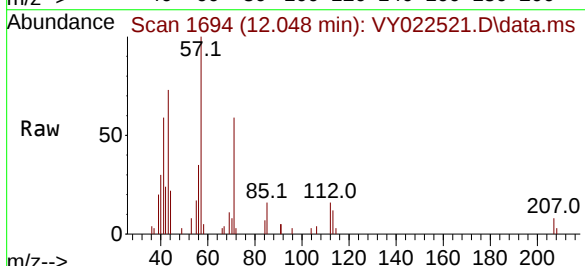
Ion Ratio Lower Upper

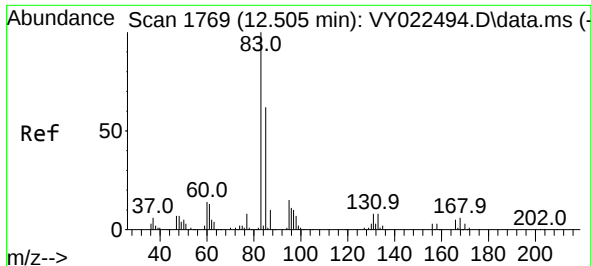
43 100

70 12.4 34.2 51.2#

55 10.3 18.2 27.4#

61 0.0 19.0 28.6#

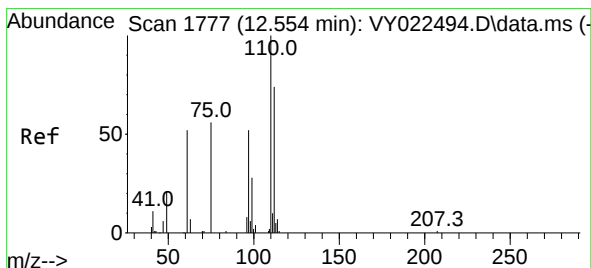
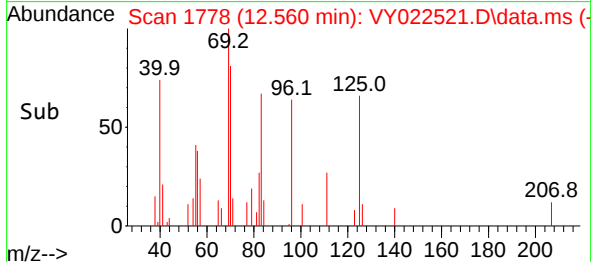
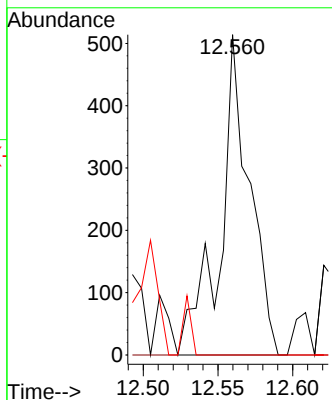
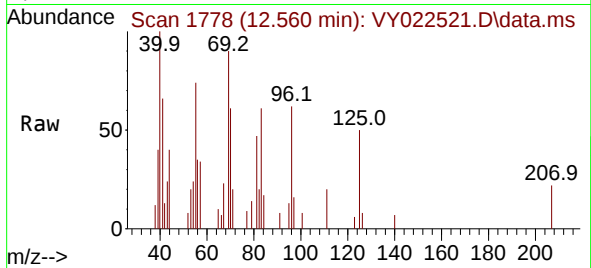




#75
 1,1,2,2-Tetrachloroethane
 Concen: 3.593 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.055 min
 Lab File: VY022521.D
 Acq: 03 Jun 2025 14:38

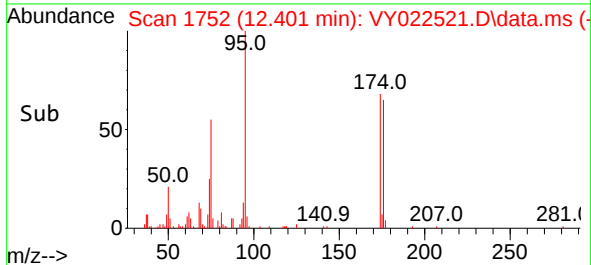
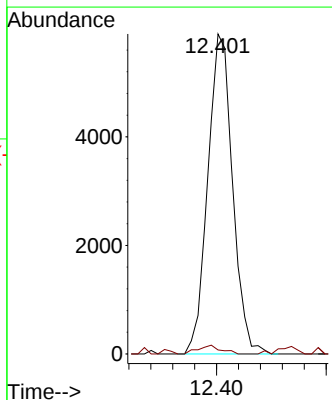
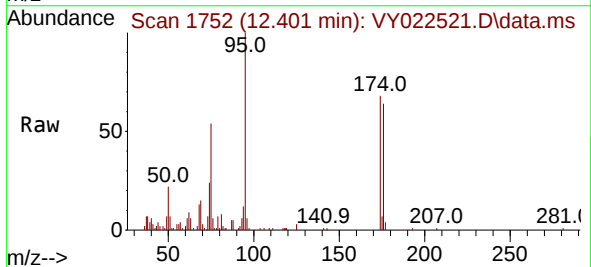
Instrument :
 MSVOA_Y
 ClientSampleId :
 B3

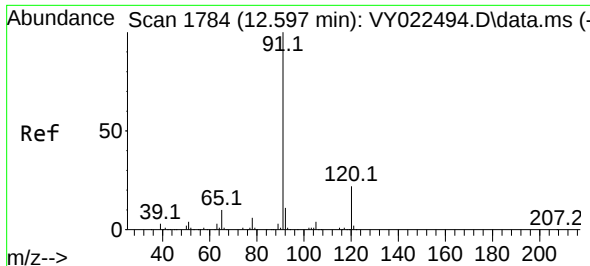
Tgt Ion: 83 Resp: 701
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.9 14.7#
 85 0.0 32.6 97.8#



#76
 1,2,3-Trichloropropane
 Concen: 55.847 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.153 min
 Lab File: VY022521.D
 Acq: 03 Jun 2025 14:38

Tgt Ion: 75 Resp: 9252
 Ion Ratio Lower Upper
 75 100
 77 2.5 0.0 0.0#

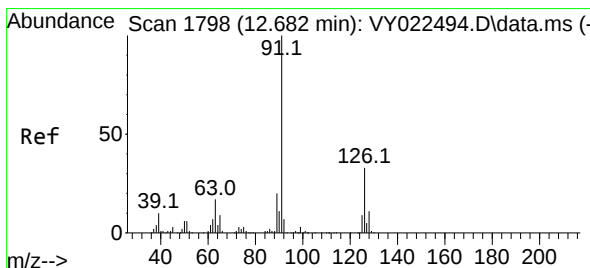
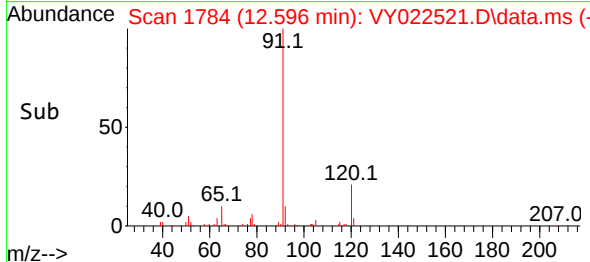
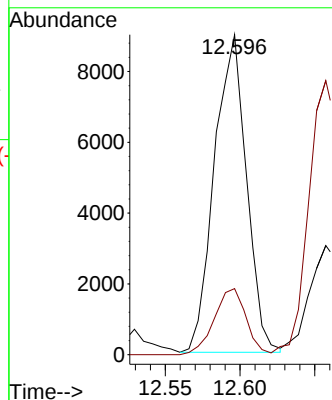
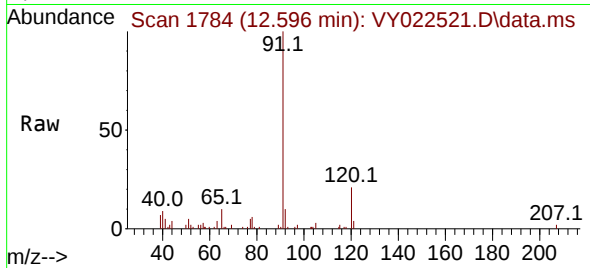




#78
n-propylbenzene
Concen: 9.225 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

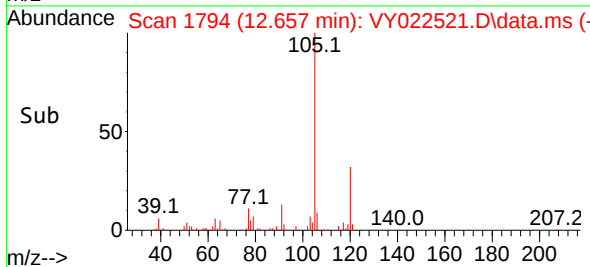
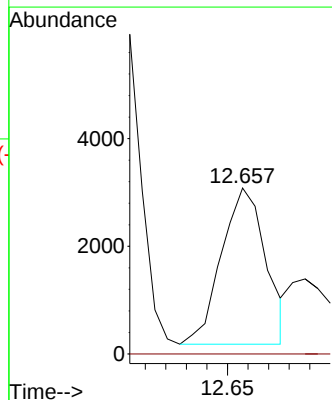
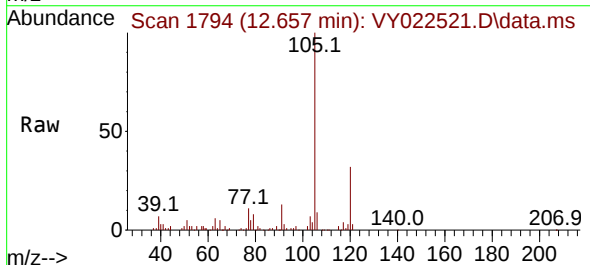
Instrument :
MSVOA_Y
ClientSampleId :
B3

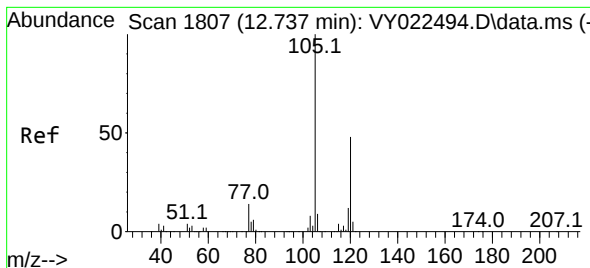
Tgt Ion: 91 Resp: 13396
Ion Ratio Lower Upper
91 100
120 20.7 10.8 32.4



#79
2-Chlorotoluene
Concen: 5.673 ug/l
RT: 12.657 min Scan# 1794
Delta R.T. -0.025 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 91 Resp: 4366
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#





#80

1,3,5-Trimethylbenzene

Concen: 26.359 ug/l

RT: 12.737 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

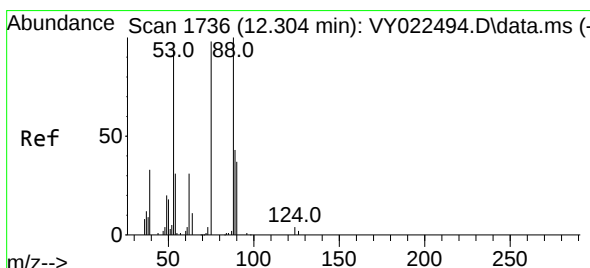
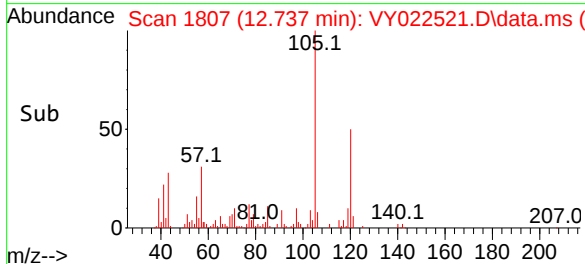
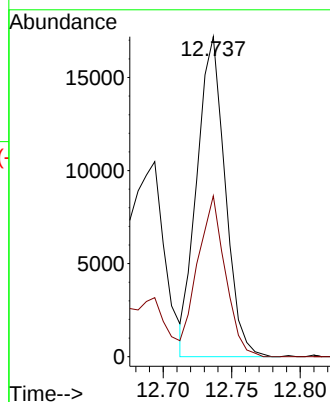
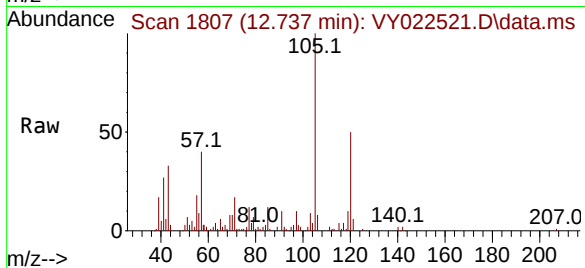
B3

Tgt Ion:105 Resp: 24603

Ion Ratio Lower Upper

105 100

120 49.4 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 134.866 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.097 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

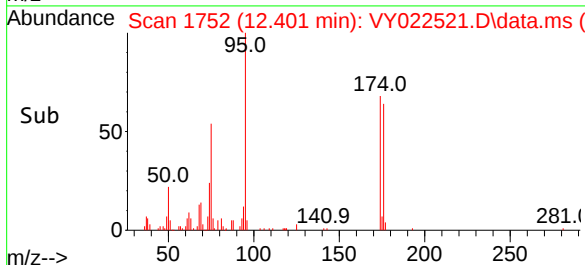
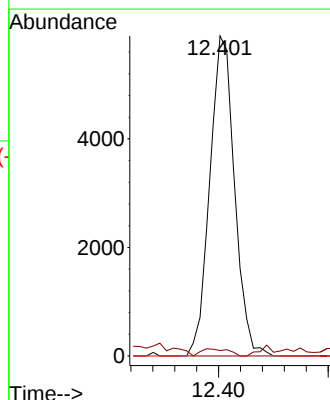
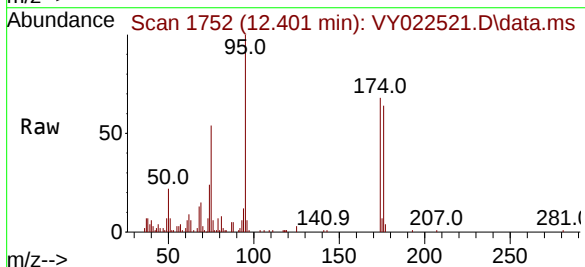
Tgt Ion: 75 Resp: 9252

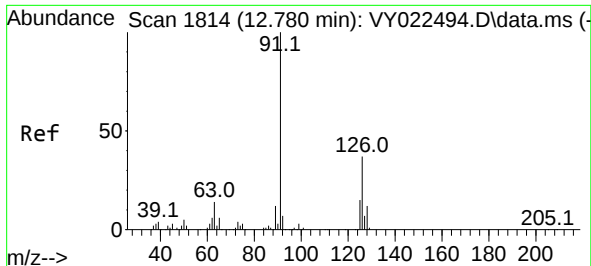
Ion Ratio Lower Upper

75 100

53 2.5 78.5 117.7#

89 0.0 35.7 53.5#

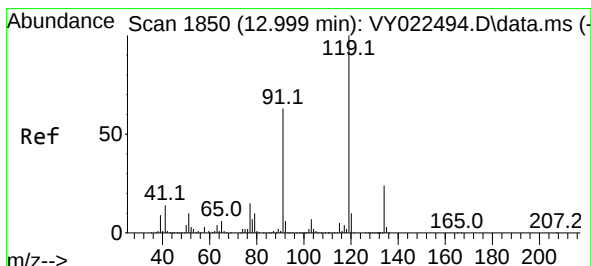
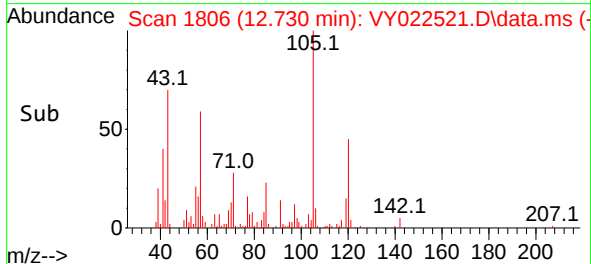
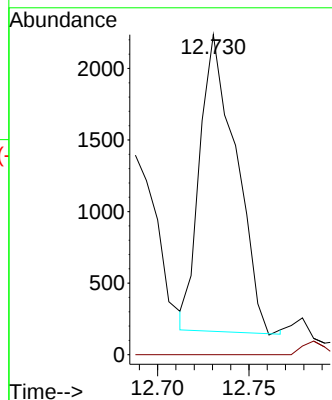
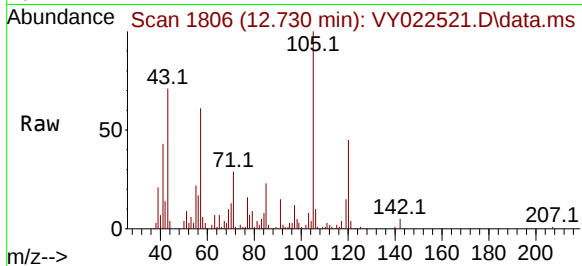




#82
4-Chlorotoluene
Concen: 3.588 ug/l
RT: 12.730 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

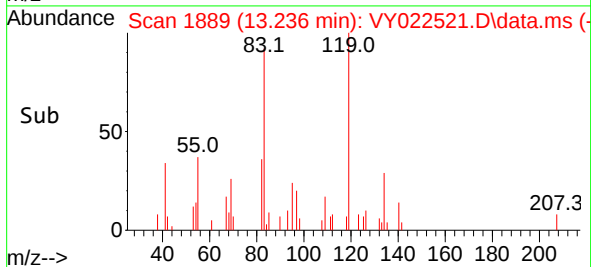
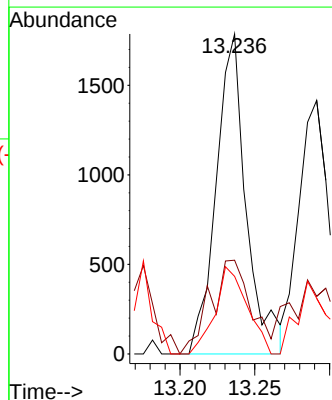
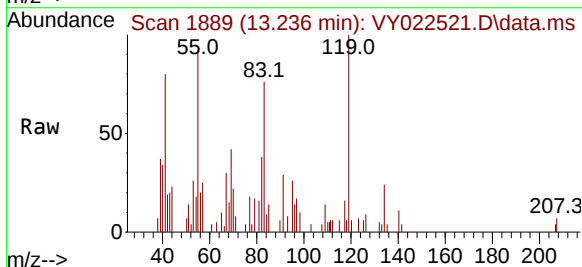
Instrument :
MSVOA_Y
ClientSampleId :
B3

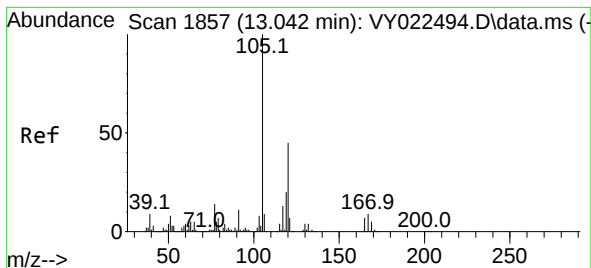
Tgt Ion: 91 Resp: 2849
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#



#83
tert-Butylbenzene
Concen: 2.991 ug/l
RT: 13.236 min Scan# 1889
Delta R.T. 0.237 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 119 Resp: 2506
Ion Ratio Lower Upper
119 100
91 39.3 32.1 96.3
134 28.9 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 71.180 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

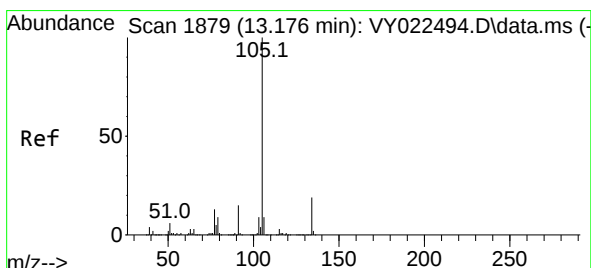
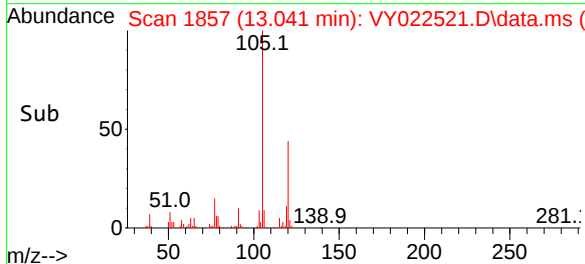
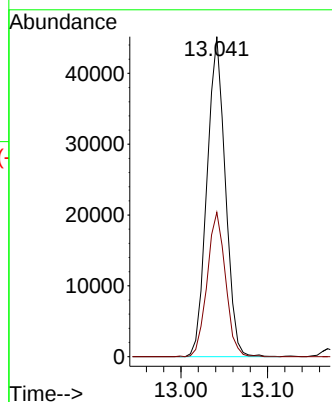
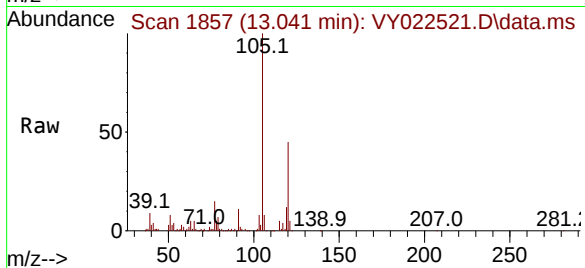
B3

Tgt Ion:105 Resp: 66449

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.1



#85

sec-Butylbenzene

Concen: 51.791 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.134 min

Lab File: VY022521.D

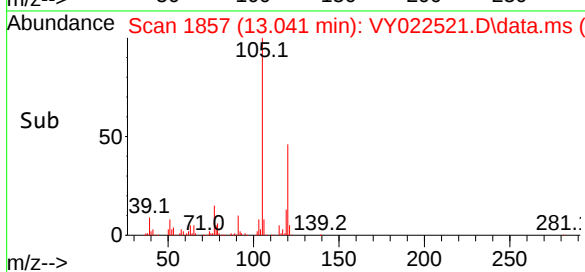
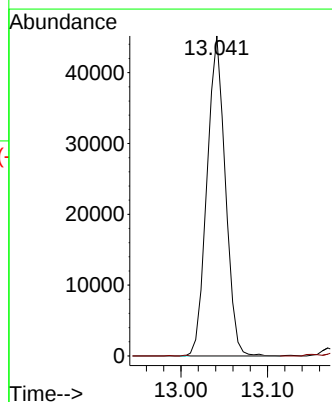
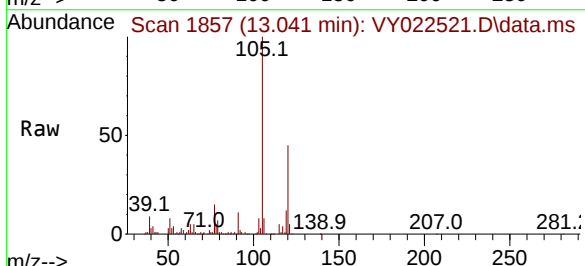
Acq: 03 Jun 2025 14:38

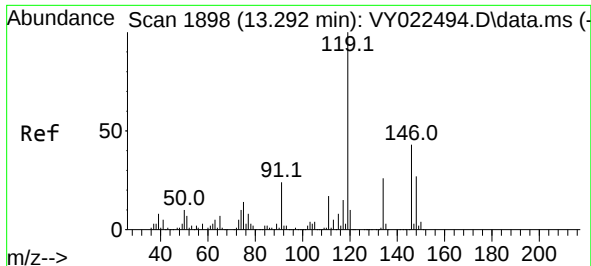
Tgt Ion:105 Resp: 66449

Ion Ratio Lower Upper

105 100

134 0.0 9.7 28.9#

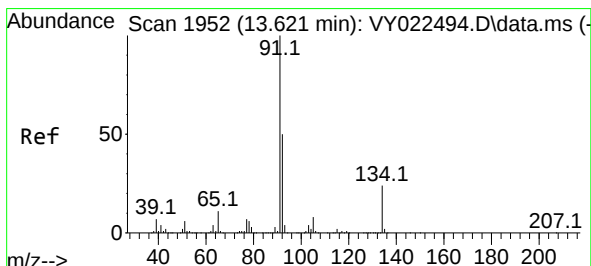
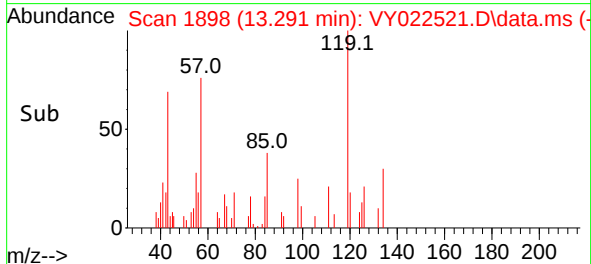
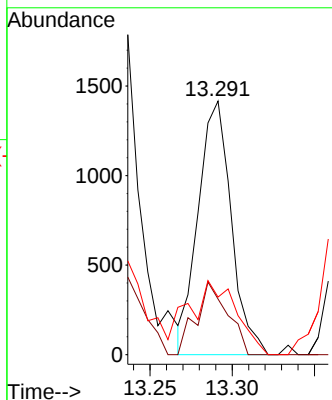
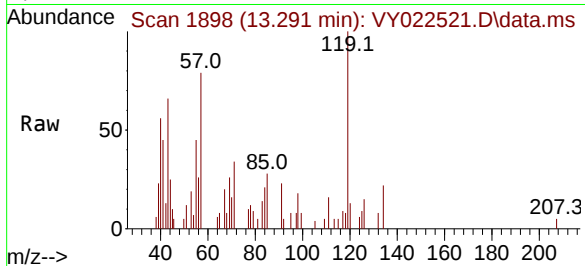




#86
p-Isopropyltoluene
Concen: 1.873 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

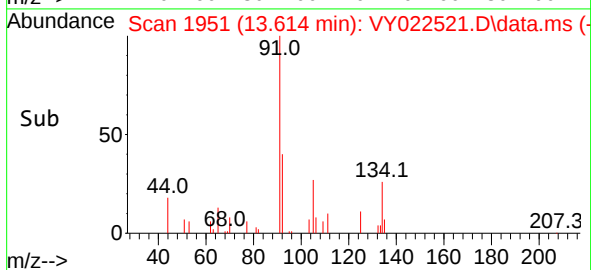
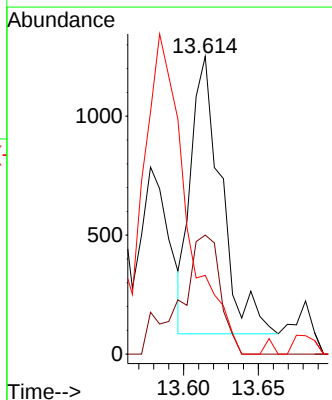
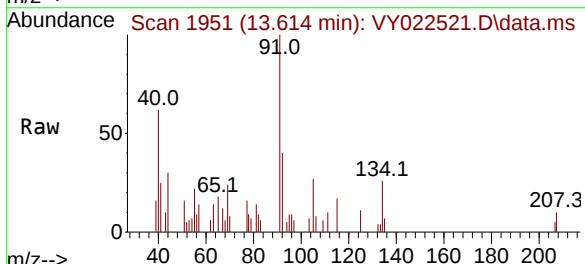
Instrument :
MSVOA_Y
ClientSampleId :
B3

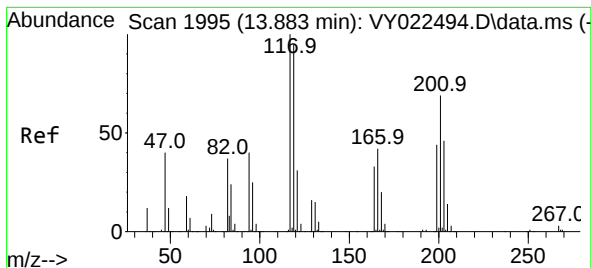
Tgt Ion:119 Resp: 1981
Ion Ratio Lower Upper
119 100
134 27.3 13.1 39.1
91 41.8 11.6 34.8#



#89
n-Butylbenzene
Concen: 1.642 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Tgt Ion: 91 Resp: 1648
Ion Ratio Lower Upper
91 100
92 57.2 25.9 77.8
134 0.0 12.0 36.1#





#90

Hexachloroethane

Concen: 2.001 ug/l

RT: 13.895 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

Instrument :

MSVOA_Y

ClientSampleId :

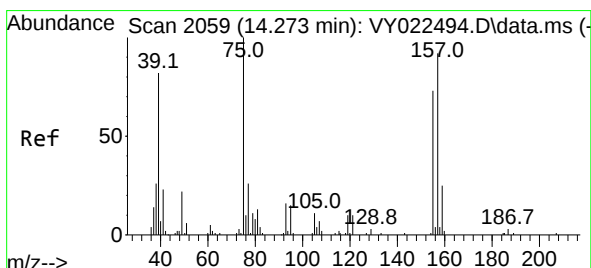
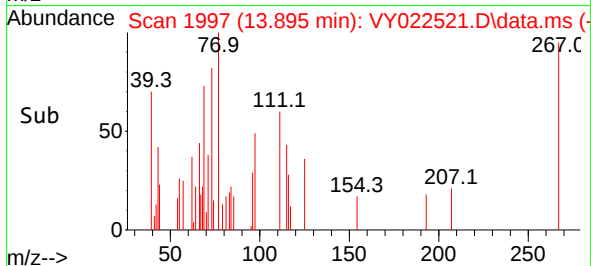
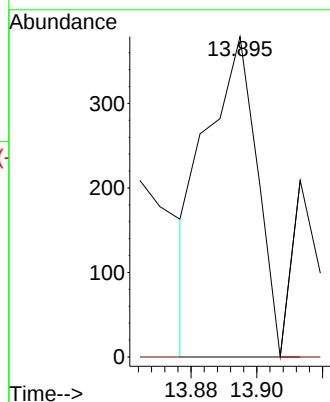
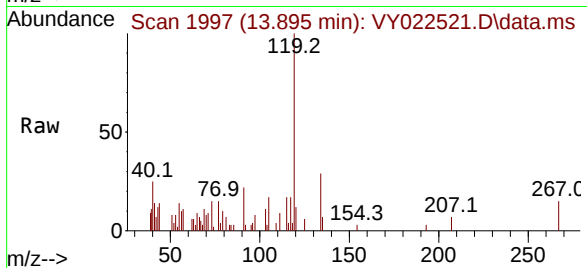
B3

Tgt Ion:117 Resp: 412

Ion Ratio Lower Upper

117 100

201 0.0 34.0 102.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.443 ug/l

RT: 14.346 min Scan# 2071

Delta R.T. 0.073 min

Lab File: VY022521.D

Acq: 03 Jun 2025 14:38

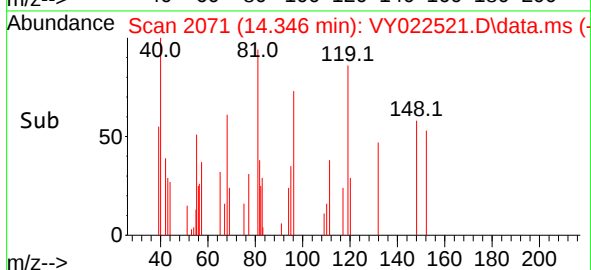
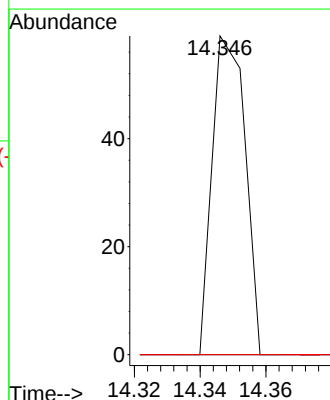
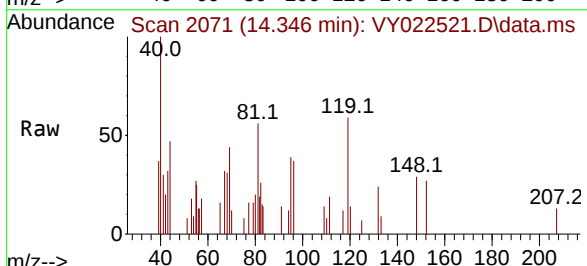
Tgt Ion: 75 Resp: 41

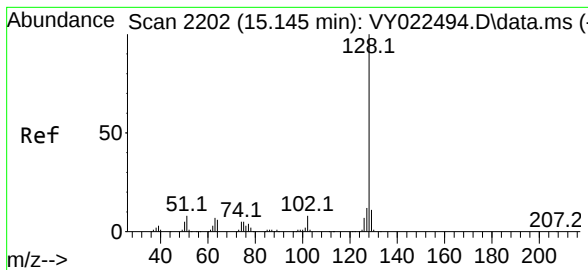
Ion Ratio Lower Upper

75 100

155 0.0 39.9 119.6#

157 0.0 54.0 162.0#





#95
Naphthalene
Concen: 143.942 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022521.D
Acq: 03 Jun 2025 14:38

Instrument :
MSVOA_Y
ClientSampleId :
B3

Tgt Ion:	128	Resp:	65018
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.4	8.9	13.3

