

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023918.D
 Acq On : 09 Dec 2025 19:01
 Operator : SY/MD
 Sample : Q3809-09
 Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-6

Quant Time: Dec 10 02:33:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	686670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1104525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	984839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	444996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	309828	45.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.640	113	344090	48.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.109	98	1322376	47.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.940%
62) 4-Bromofluorobenzene	12.407	95	430894	45.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.660%

Target Compounds				Qvalue		
10) Methyl Iodide	4.043	142	235	2.469	ug/l #	78
11) Tert butyl alcohol	4.891	59	2904	Below Cal	#	74
13) Acrolein	3.866	56	13464	31.396	ug/l #	78
15) Acrylonitrile	5.147	53	14221	9.230	ug/l #	43
16) Acetone	3.872	43	49865	24.225	ug/l #	67
17) Carbon Disulfide	4.122	76	62363	3.191	ug/l	99
20) Methylene Chloride	4.634	84	28794	2.094	ug/l #	78
25) 2-Butanone	6.915	43	8645	3.484	ug/l #	71
31) Cyclohexane	7.695	56	297849	23.153	ug/l #	52
36) 1,1-Dichloropropene	7.713	75	44501	4.260	ug/l #	50
37) Ethyl Acetate	6.915	43	8650	1.793	ug/l #	72
38) Carbon Tetrachloride	7.713	117	61860	5.366	ug/l #	15
39) Methylcyclohexane	9.115	83	424465	31.217	ug/l	95
41) Methacrylonitrile	7.280	41	3395	1.365	ug/l #	63
43) Isopropyl Acetate	8.195	43	91045	10.088	ug/l #	52
47) Bromodichloromethane	9.420	83	32099	3.006	ug/l #	26
48) Methyl methacrylate	9.249	41	19598	4.648	ug/l #	28
51) 4-Methyl-2-Pentanone	10.042	43	42698	8.997	ug/l #	75
52) Toluene	10.176	92	554898	28.065	ug/l	99
55) 1,1,2-Trichloroethane	10.548	97	188006	34.412	ug/l #	19
56) Ethyl methacrylate	10.451	69	18428	6.270	ug/l #	9
58) 2-Chloroethyl Vinyl ether	9.756	63	1854	15.221	ug/l #	50
59) 2-Hexanone	10.737	43	199710	55.798	ug/l #	29
67) Ethyl Benzene	11.523	91	1188238	30.577	ug/l	97
68) m/p-Xylenes	11.627	106	1963911	132.220	ug/l	96
69) o-Xylene	11.956	106	744027	53.555	ug/l	99
70) Styrene	11.956	104	37219	1.625	ug/l #	1
73) Isopropylbenzene	12.255	105	245510	7.488	ug/l	100
74) N-amyl acetate	12.054	43	133843	18.836	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.456	83	13042	2.466	ug/l #	81
76) 1,2,3-Trichloropropane	12.596	75	7220	1.637	ug/l #	100
78) n-propylbenzene	12.596	91	1198756	30.300	ug/l	98
79) 2-Chlorotoluene	12.664	91	439807	19.574	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.737	105	1531285	57.481	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.407	75	211786	114.981	ug/l #	14
82) 4-Chlorotoluene	12.737	91	162809	6.989	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

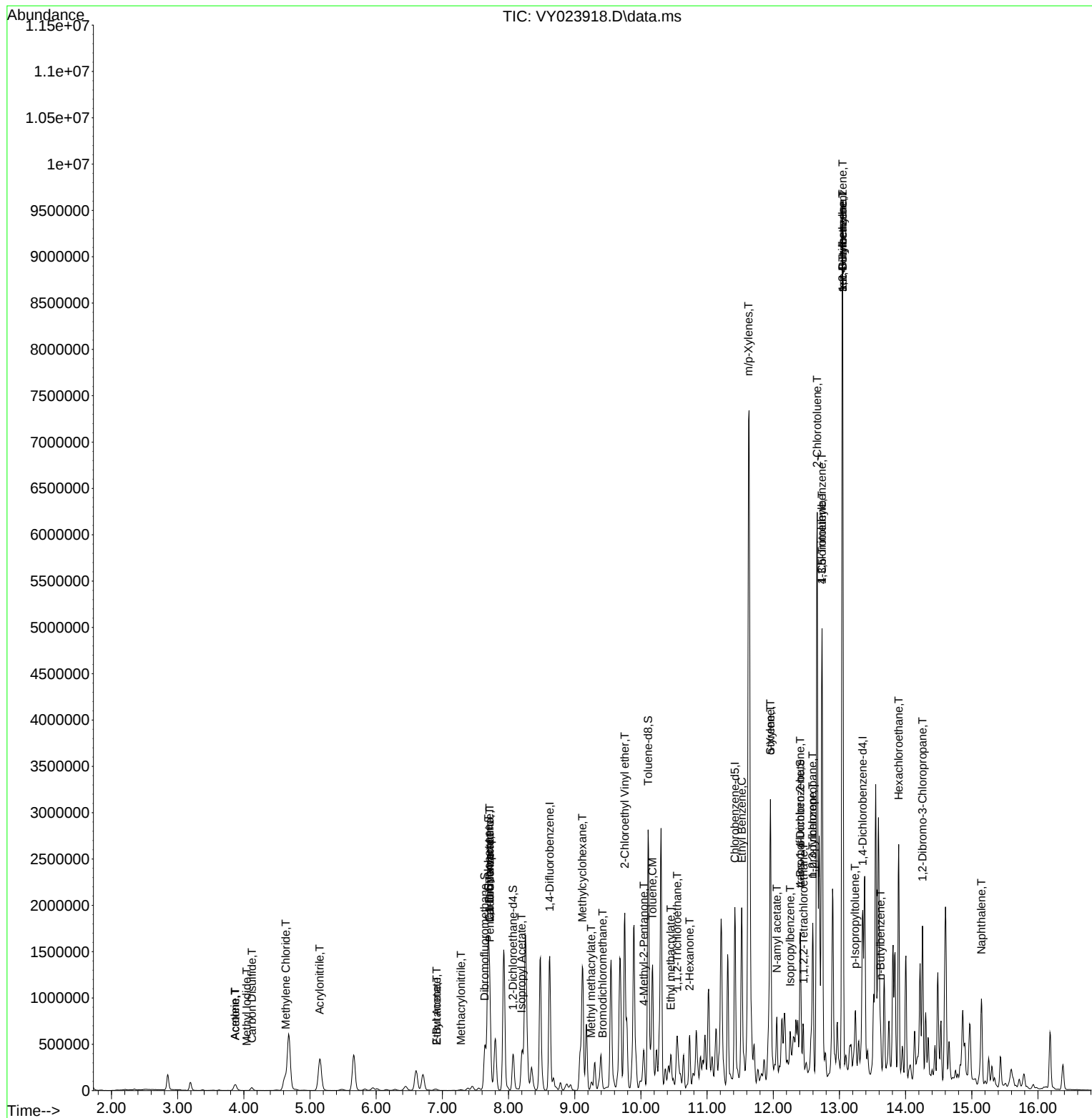
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.048	119	633339	26.371	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.048	105	4976808	188.578	ug/l	96
85) sec-Butylbenzene	13.048	105	4976808	139.307	ug/l #	56
86) p-Isopropyltoluene	13.237	119	199826	6.755	ug/l	97
89) n-Butylbenzene	13.621	91	257473	9.404	ug/l #	72
90) Hexachloroethane	13.895	117	113058	18.219	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.255	75	5401	6.494	ug/l #	1
95) Naphthalene	15.145	128	728889	55.909	ug/l	100

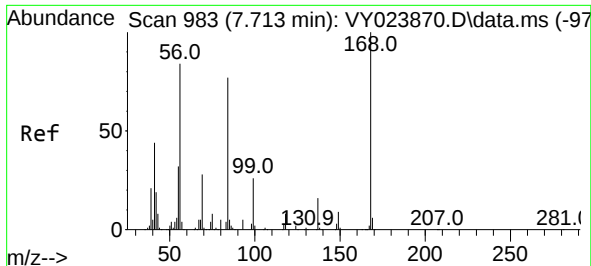
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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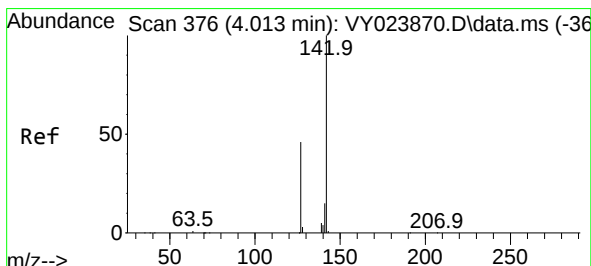
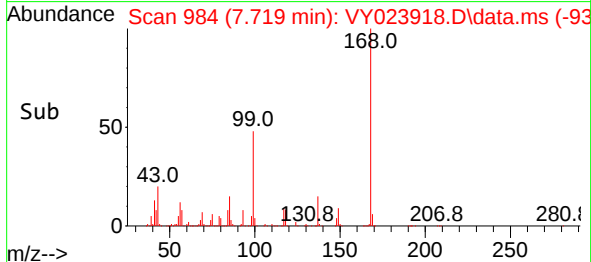
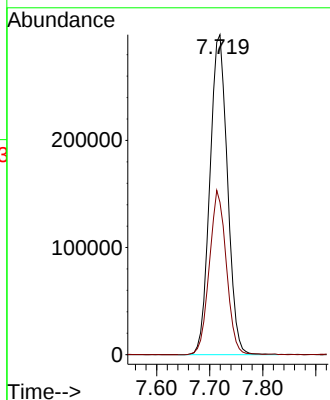
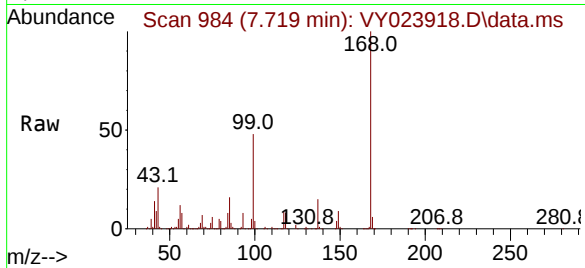




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

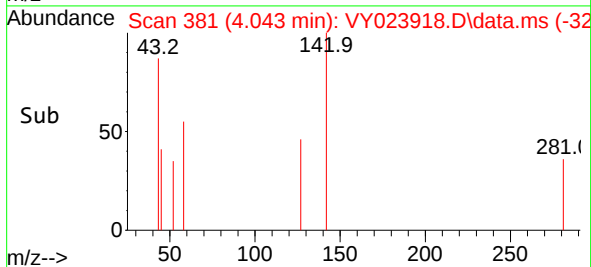
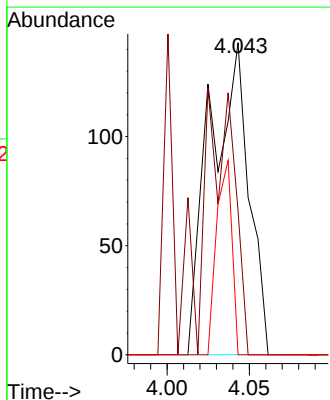
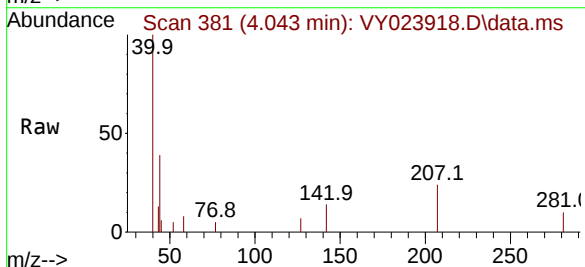
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

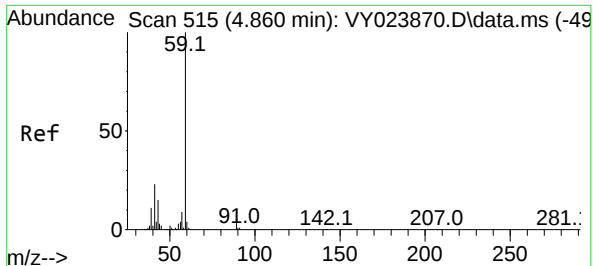
Tgt Ion:168 Resp: 686670
Ion Ratio Lower Upper
168 100
99 47.6 42.5 63.7



#10
Methyl Iodide
Concen: 2.469 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.030 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion:142 Resp: 235
Ion Ratio Lower Upper
142 100
127 58.7 36.1 54.1#
141 24.7 11.8 17.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.891 min Scan# 51

Delta R.T. 0.030 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

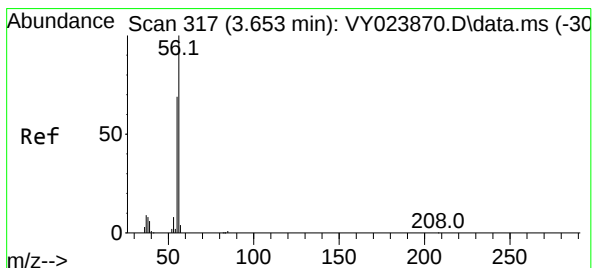
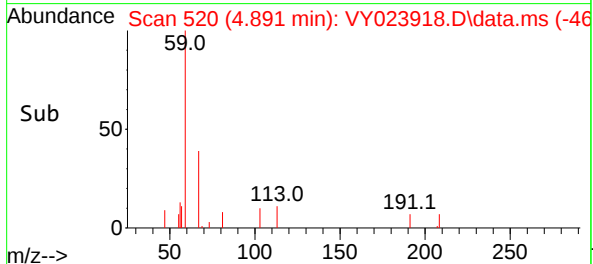
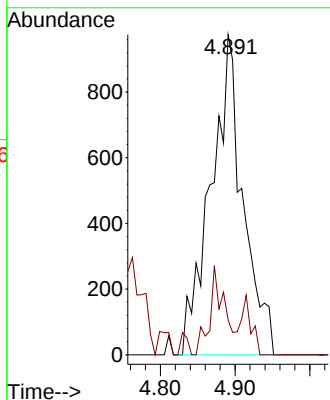
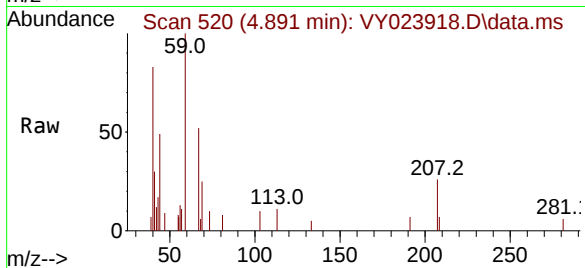
SW-6

Tgt Ion: 59 Resp: 2904

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#13

Acrolein

Concen: 31.396 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.213 min

Lab File: VY023918.D

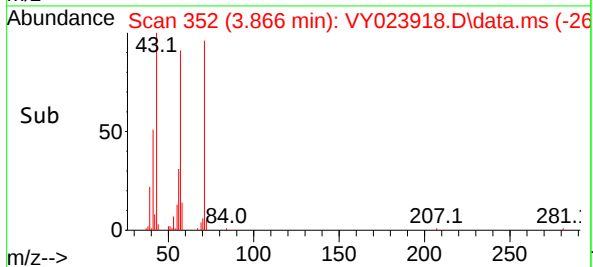
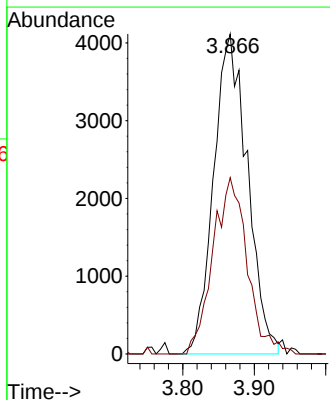
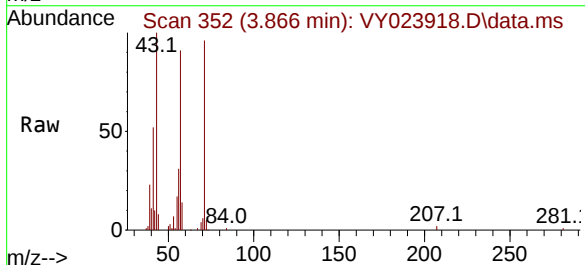
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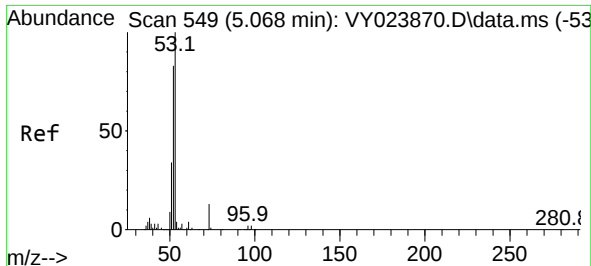
Tgt Ion: 56 Resp: 13464

Ion Ratio Lower Upper

56 100

55 55.2 59.0 88.6#

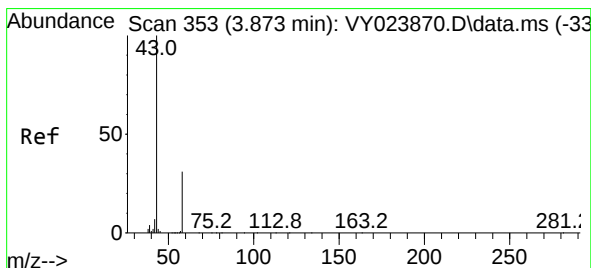
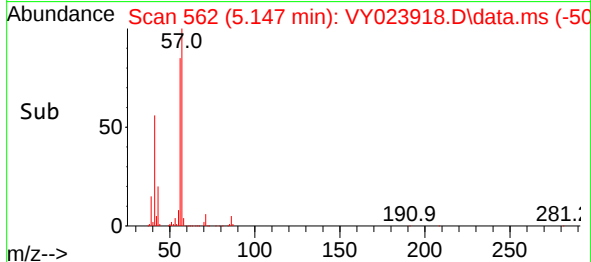
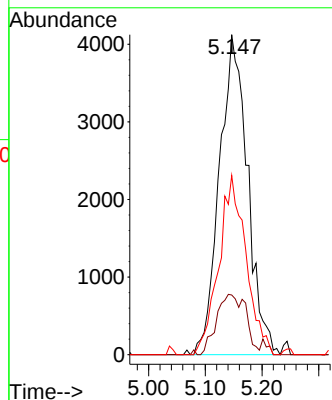
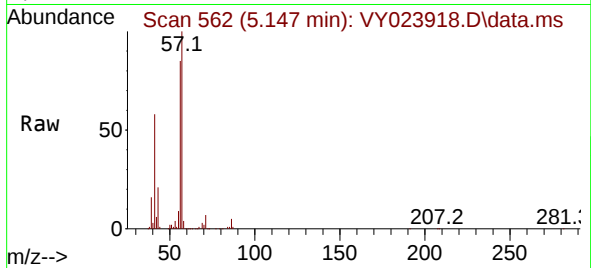




#15
Acrylonitrile
Concen: 9.230 ug/l
RT: 5.147 min Scan# 51
Delta R.T. 0.079 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

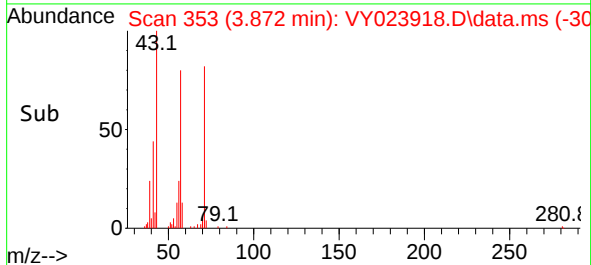
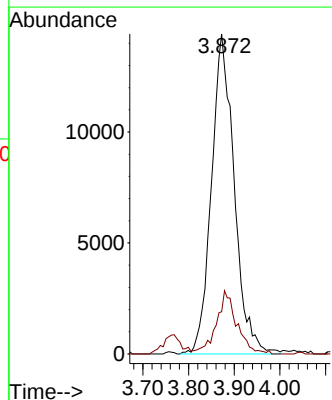
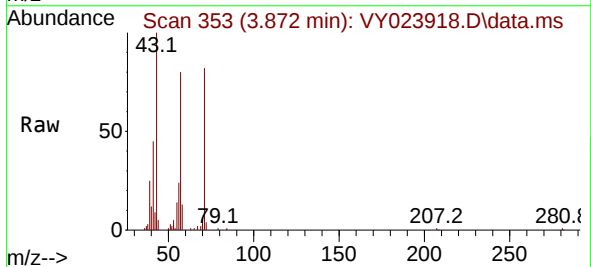
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

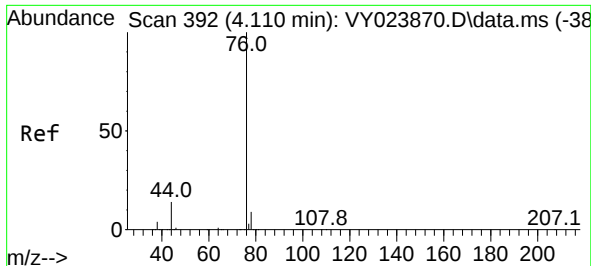
Tgt Ion: 53 Resp: 14221
Ion Ratio Lower Upper
53 100
52 19.7 65.1 97.7#
51 54.2 29.5 44.3#



#16
Acetone
Concen: 24.225 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 43 Resp: 49865
Ion Ratio Lower Upper
43 100
58 13.2 25.1 37.7#

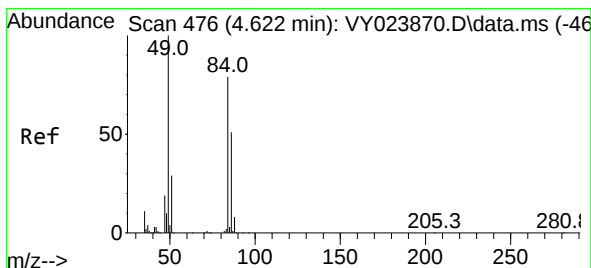
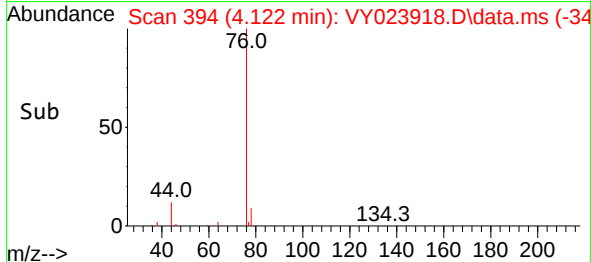
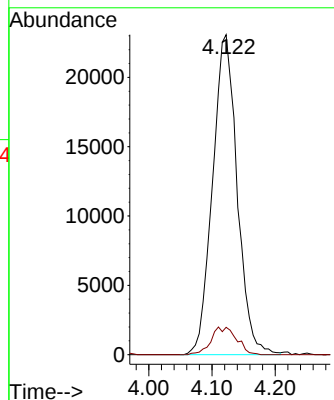
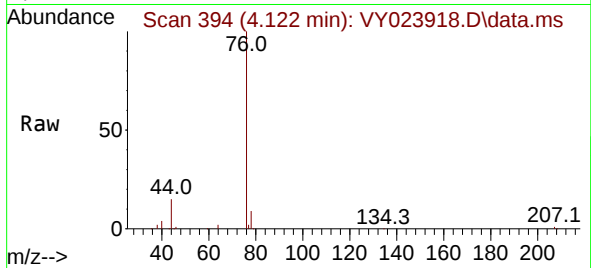




#17
Carbon Disulfide
Concen: 3.191 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

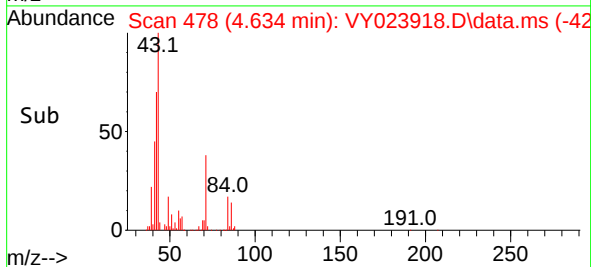
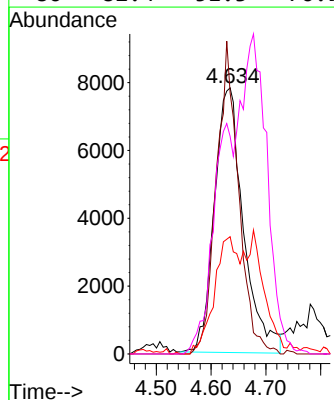
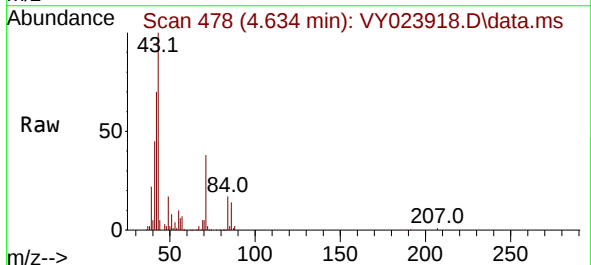
Instrument :
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ClientSampleId :
SW-6

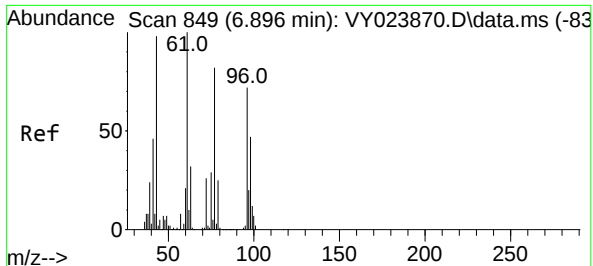
Tgt Ion: 76 Resp: 62363
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#20
Methylene Chloride
Concen: 2.094 ug/l
RT: 4.634 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 84 Resp: 28794
Ion Ratio Lower Upper
84 100
49 98.9 100.6 151.0#
51 44.4 29.0 43.6#
86 82.4 51.3 76.9#





#25

2-Butanone

Concen: 3.484 ug/l

RT: 6.915 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

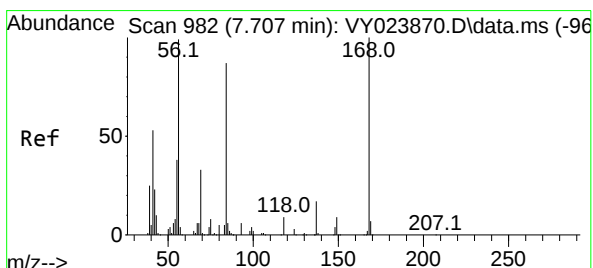
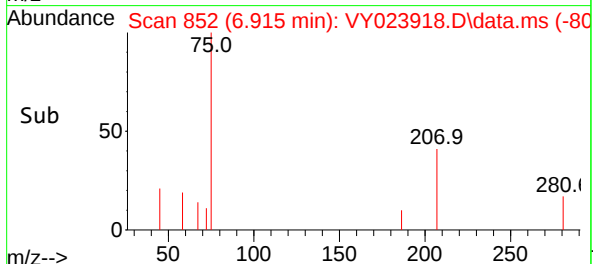
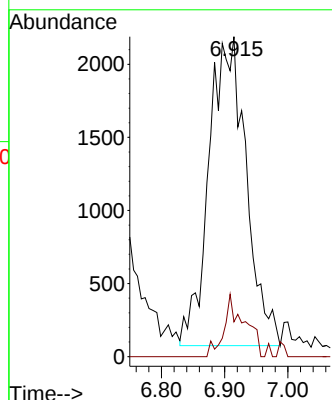
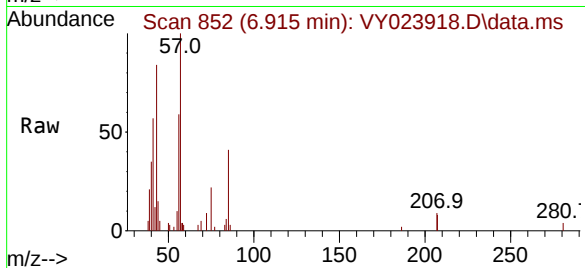
SW-6

Tgt Ion: 43 Resp: 8645

Ion Ratio Lower Upper

43 100

72 11.3 21.0 31.6#



#31

Cyclohexane

Concen: 23.153 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.012 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

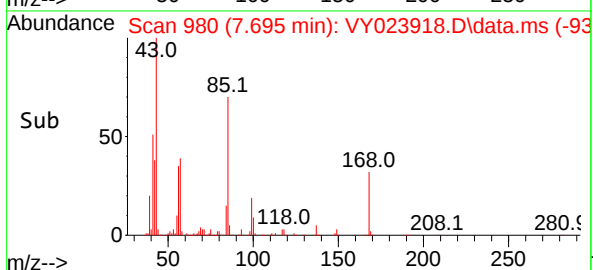
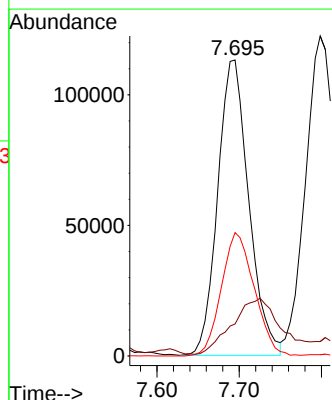
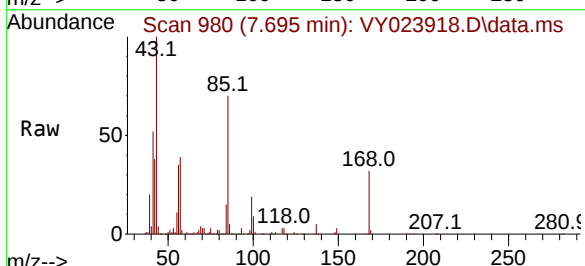
Tgt Ion: 56 Resp: 297849

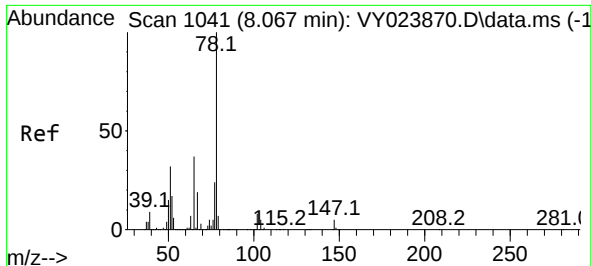
Ion Ratio Lower Upper

56 100

69 9.6 26.8 40.2#

84 41.7 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 45.104 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

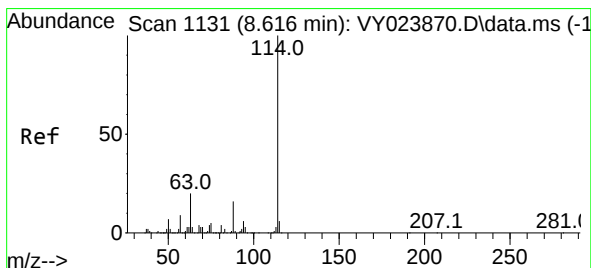
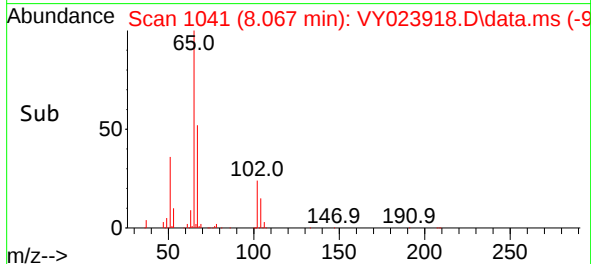
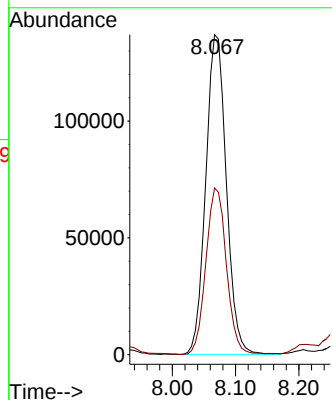
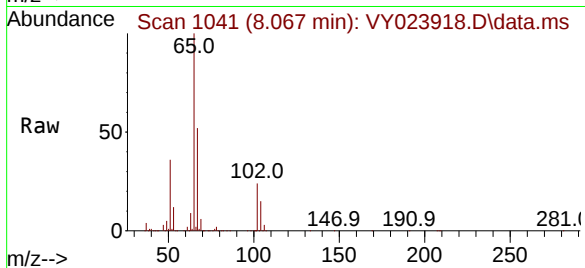
SW-6

Tgt Ion: 65 Resp: 309828

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

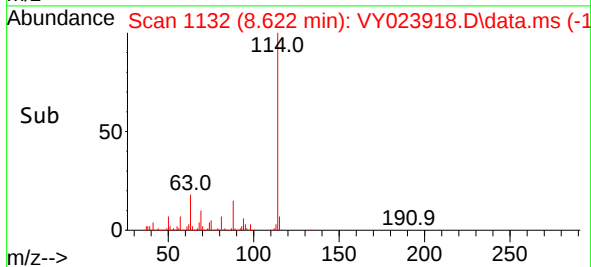
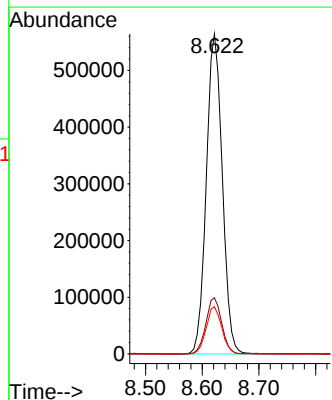
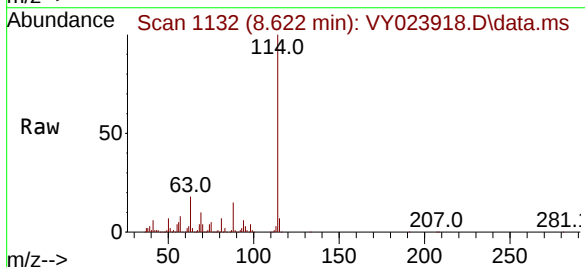
Tgt Ion:114 Resp: 1104525

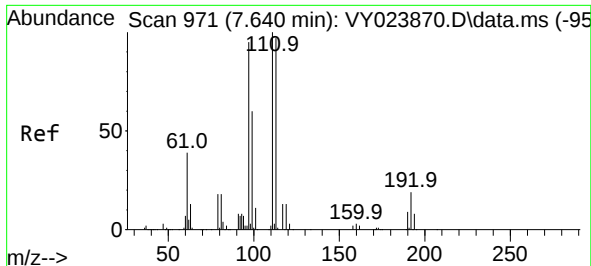
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.2

88 14.8 0.0 31.4

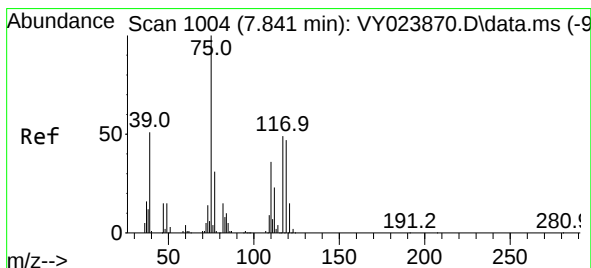
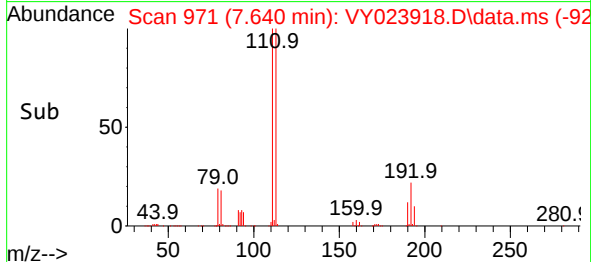
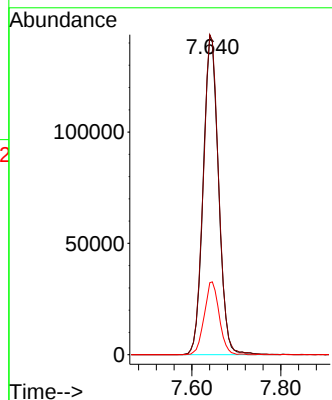
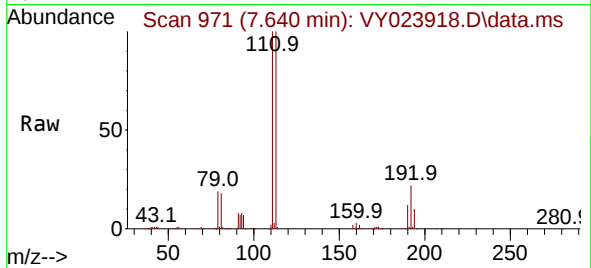




#35
Dibromofluoromethane
Concen: 48.572 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

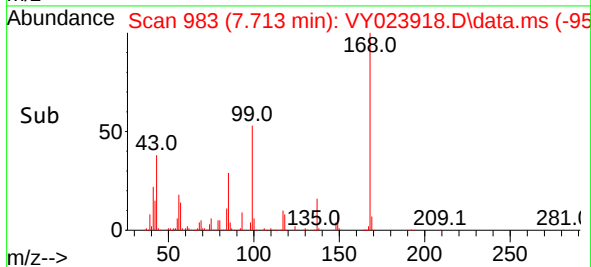
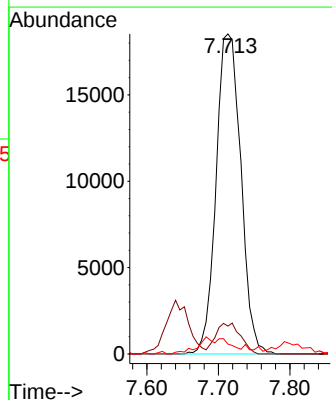
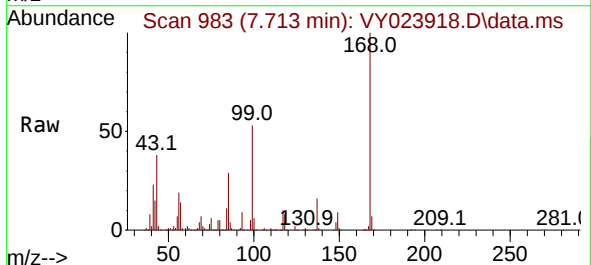
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

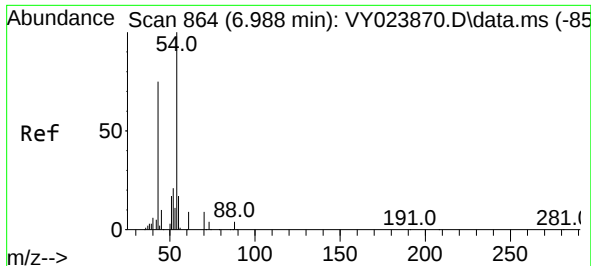
Tgt Ion:113 Resp: 344090
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 22.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 4.260 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 75 Resp: 44501
Ion Ratio Lower Upper
75 100
110 9.6 17.6 52.9#
77 0.0 24.6 37.0#

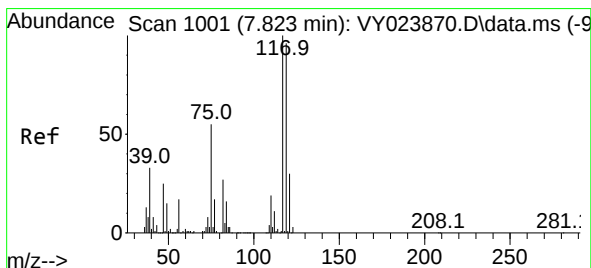
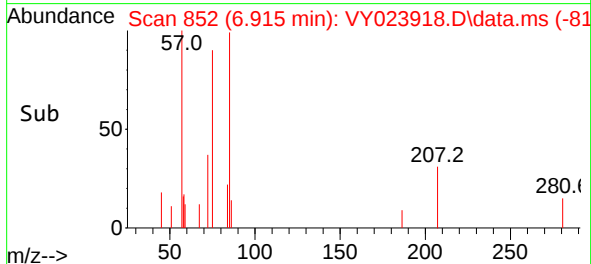
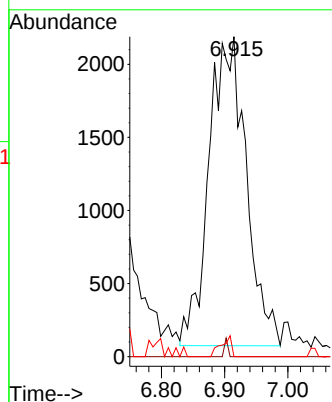
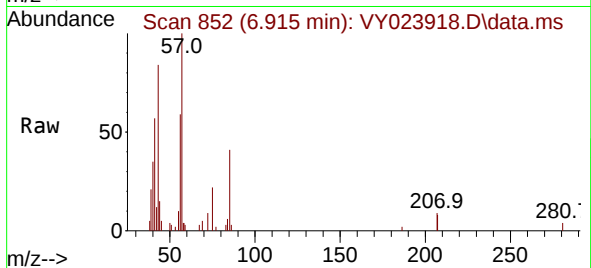




#37
Ethyl Acetate
Concen: 1.793 ug/l
RT: 6.915 min Scan# 81
Delta R.T. -0.073 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

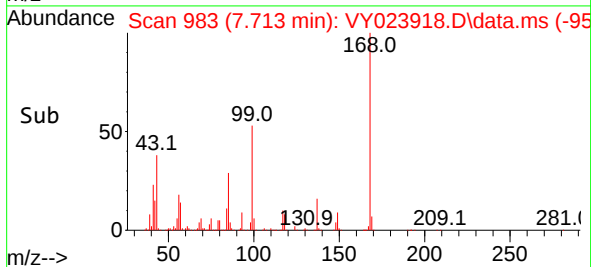
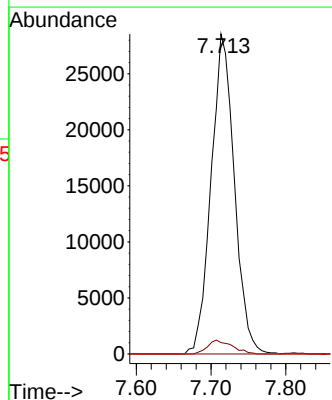
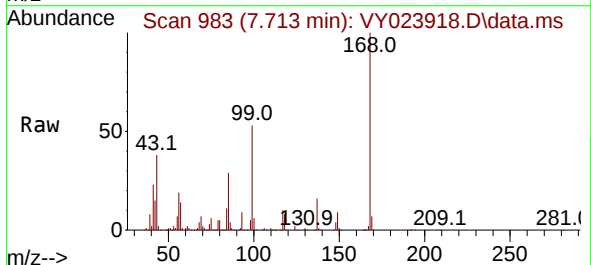
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

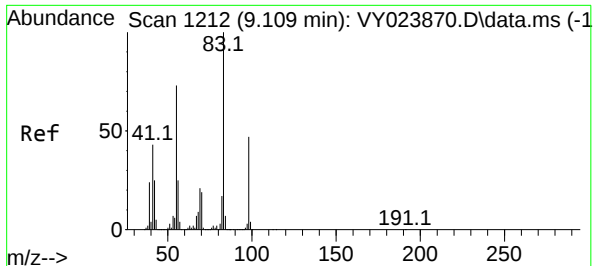
Tgt Ion: 43 Resp: 8650
Ion Ratio Lower Upper
43 100
61 0.5 11.0 16.4#
70 1.9 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 117 Resp: 61860
Ion Ratio Lower Upper
117 100
119 3.6 77.0 115.6#
121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 31.217 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

SW-6

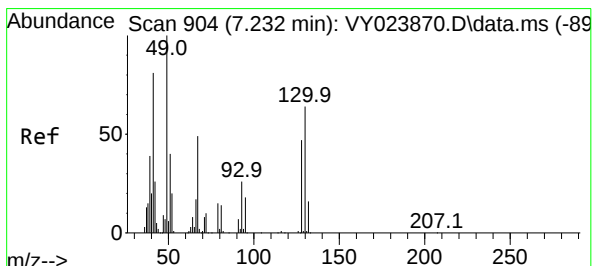
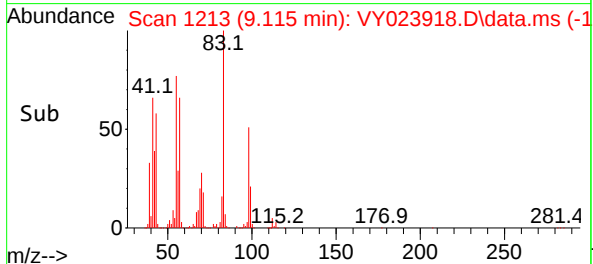
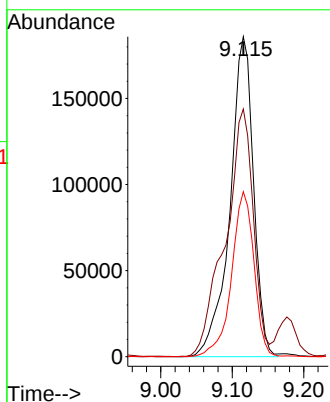
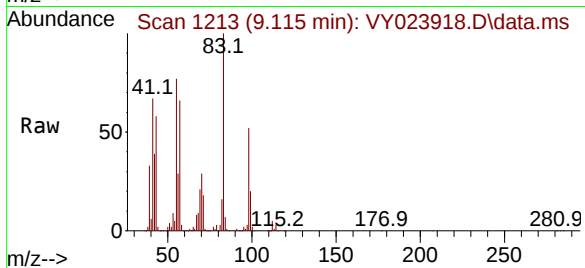
Tgt Ion: 83 Resp: 424465

Ion Ratio Lower Upper

83 100

55 77.4 58.8 88.2

98 51.6 37.8 56.6



#41

Methacrylonitrile

Concen: 1.365 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.049 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Tgt Ion: 41 Resp: 3395

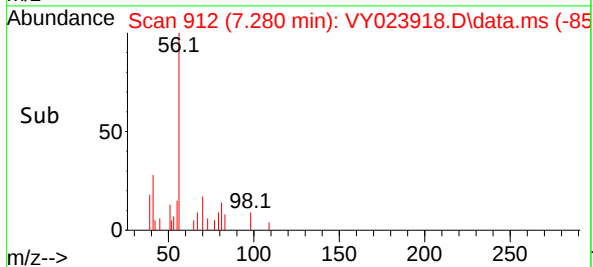
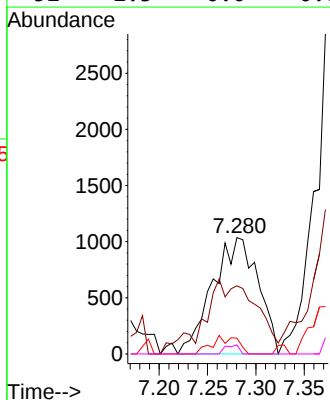
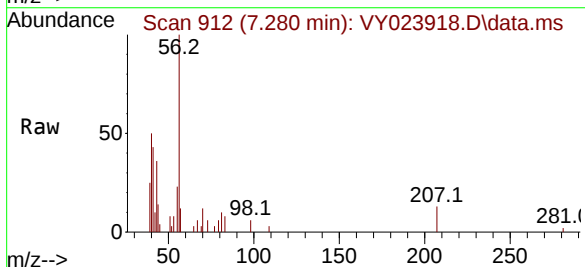
Ion Ratio Lower Upper

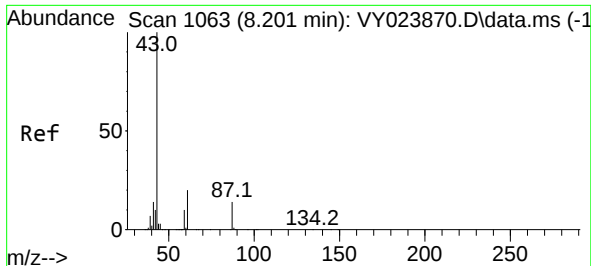
41 100

39 33.2 49.4 74.2#

67 8.6 0.0 0.0#

52 2.3 0.0 0.0#

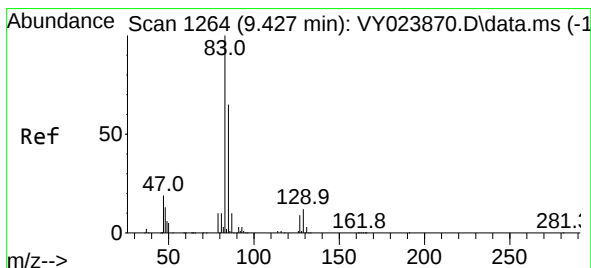
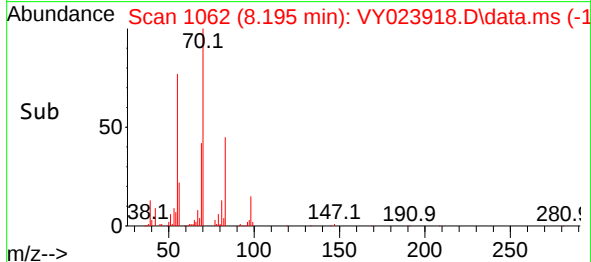
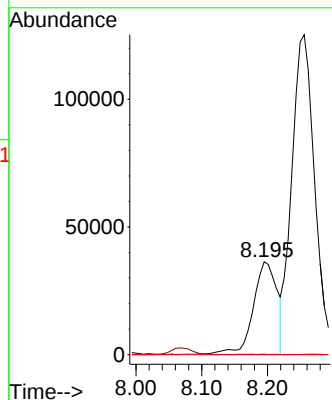
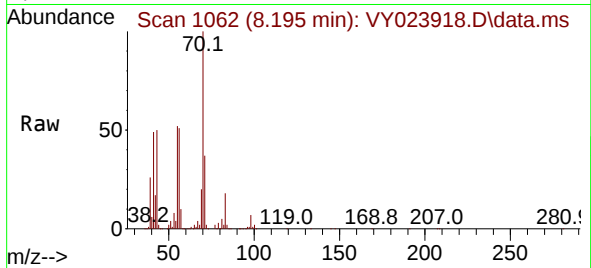




#43
Isopropyl Acetate
Concen: 10.088 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

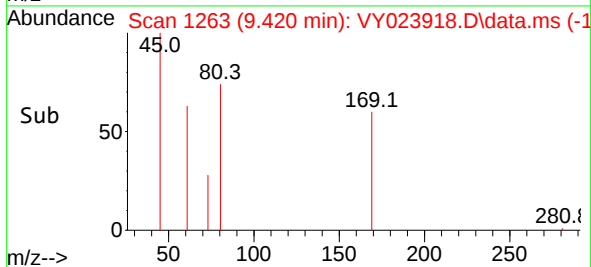
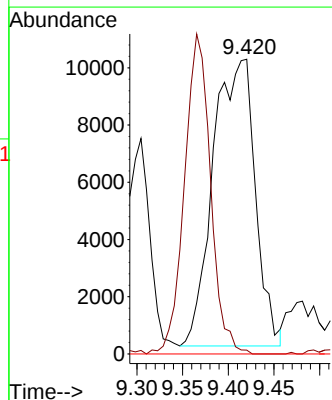
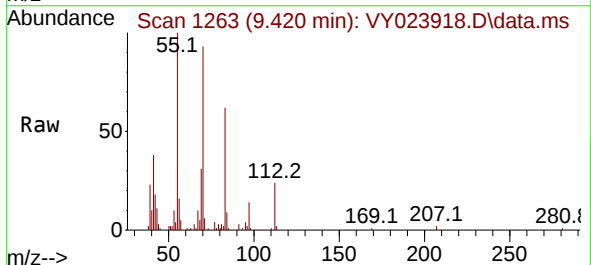
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

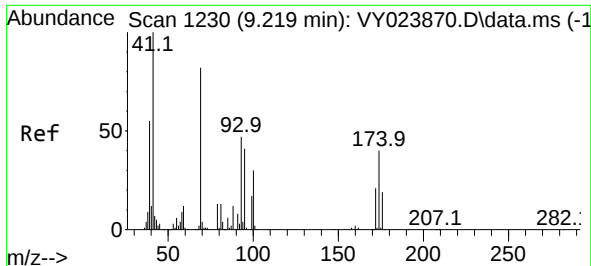
Tgt Ion: 43 Resp: 91045
Ion Ratio Lower Upper
43 100
61 0.4 24.2 36.4#
87 0.0 11.0 16.4#



#47
Bromodichloromethane
Concen: 3.006 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 83 Resp: 32099
Ion Ratio Lower Upper
83 100
85 1.3 51.6 77.4#
127 0.0 7.2 10.8#

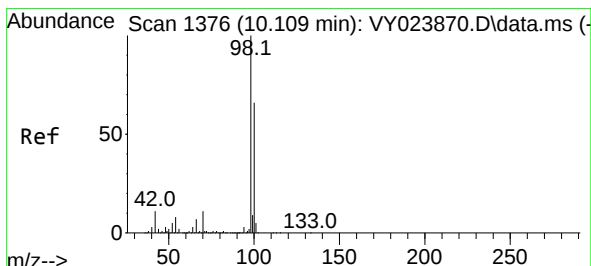
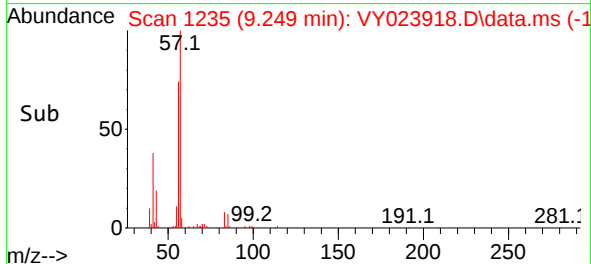
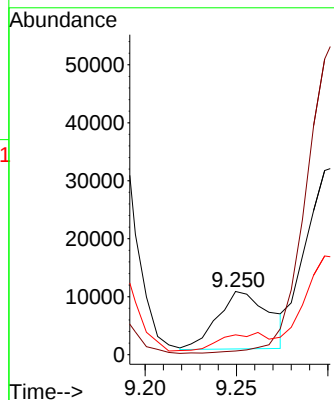
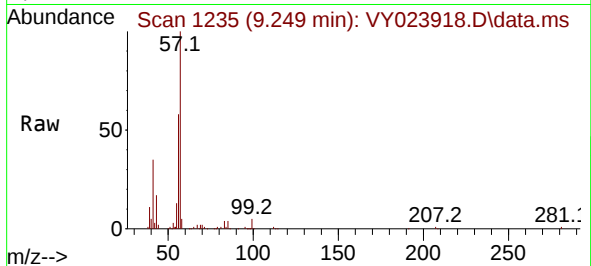




#48
Methyl methacrylate
Concen: 4.648 ug/l
RT: 9.249 min Scan# 1235
Delta R.T. 0.030 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

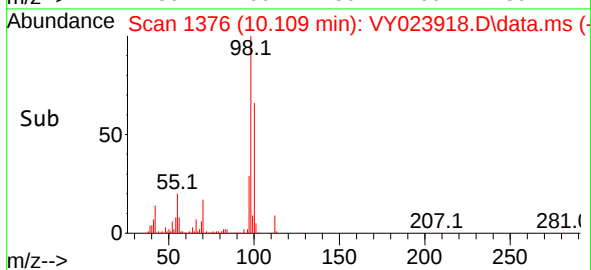
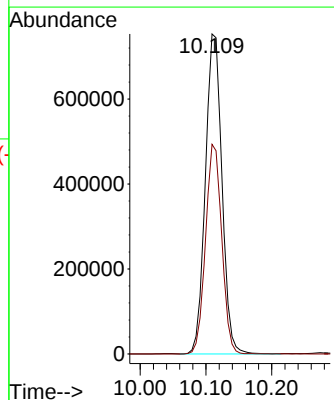
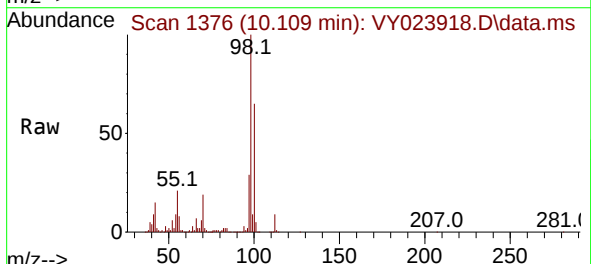
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

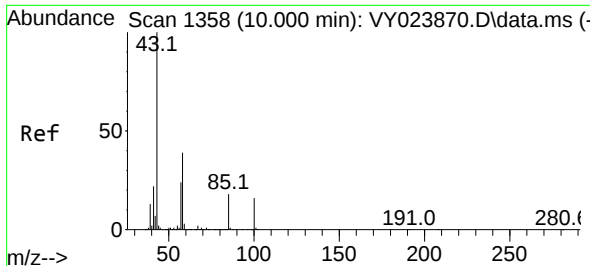
Tgt Ion: 41 Resp: 19598
Ion Ratio Lower Upper
41 100
69 0.0 67.7 101.5#
39 26.6 43.4 65.0#



#50
Toluene-d8
Concen: 47.969 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 98 Resp: 1322376
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7

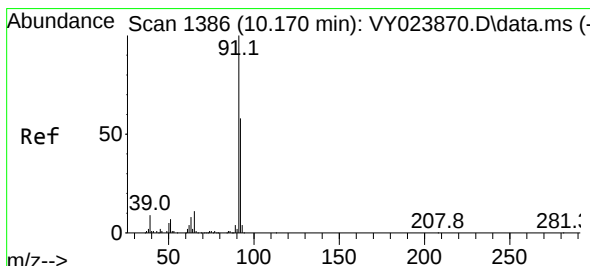
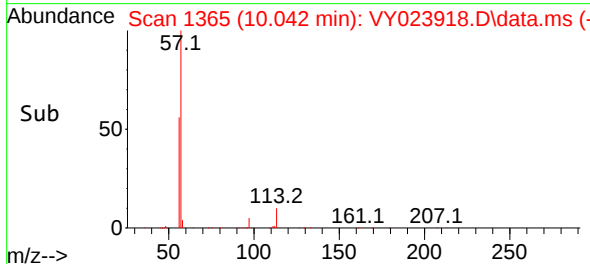
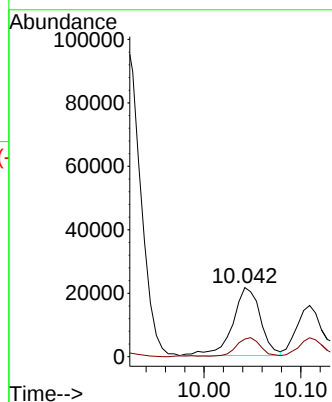
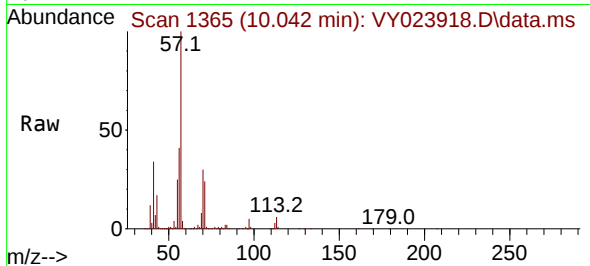




#51
4-Methyl-2-Pentanone
Concen: 8.997 ug/l
RT: 10.042 min Scan# 11
Delta R.T. 0.042 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

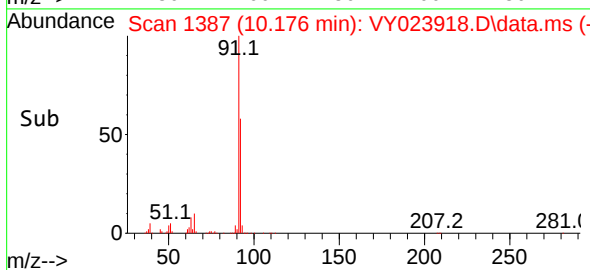
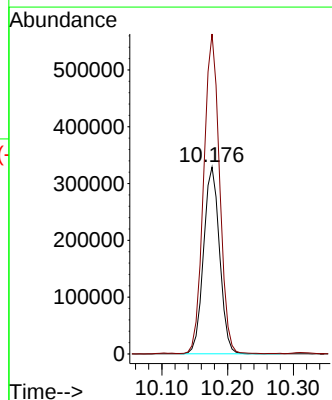
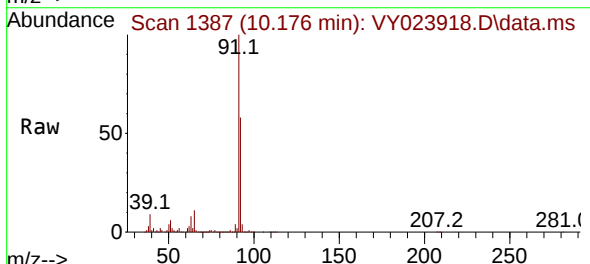
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

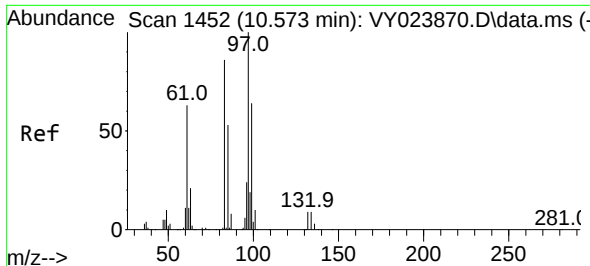
Tgt Ion: 43 Resp: 42698
Ion Ratio Lower Upper
43 100
58 24.1 31.8 47.8#



#52
Toluene
Concen: 28.065 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 92 Resp: 554898
Ion Ratio Lower Upper
92 100
91 169.8 137.3 205.9

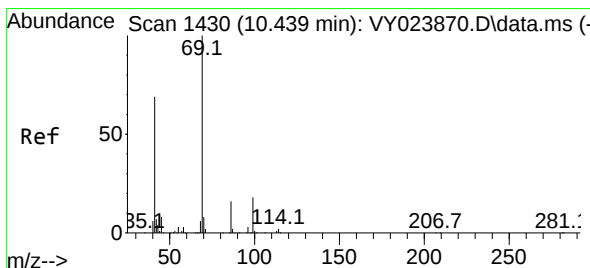
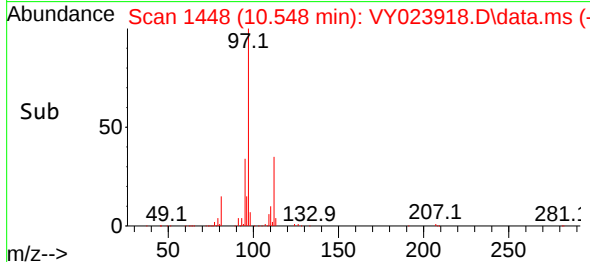
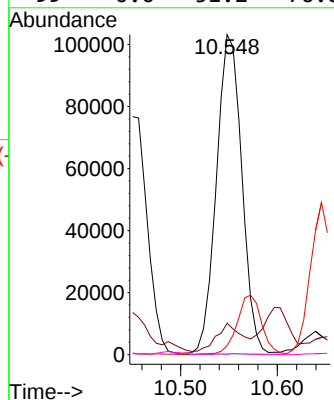
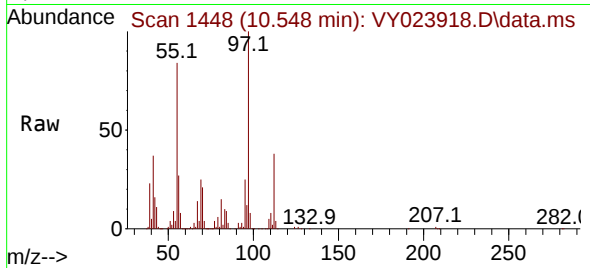




#55
1,1,2-Trichloroethane
Concen: 34.412 ug/l
RT: 10.548 min Scan# 1448
Delta R.T. -0.025 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

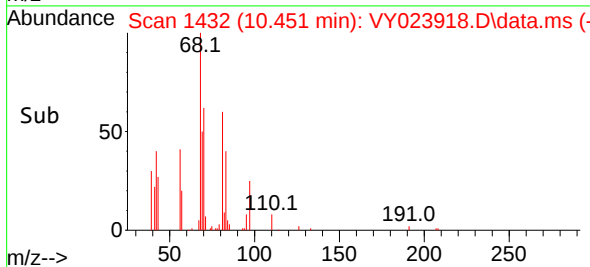
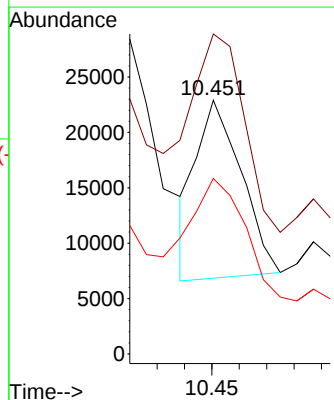
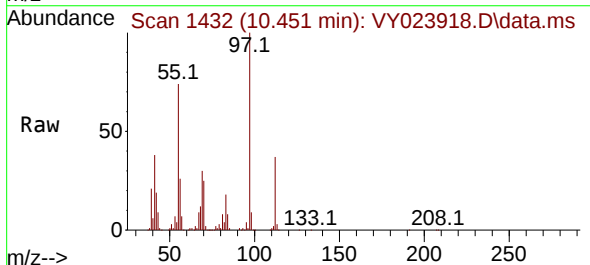
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

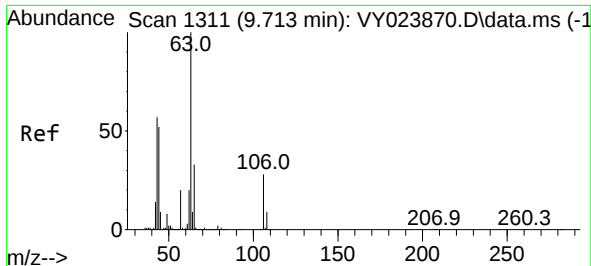
Tgt Ion: 97 Resp: 188006
Ion Ratio Lower Upper
97 100
83 7.6 69.0 103.4#
85 2.7 42.6 63.8#
99 0.0 51.2 76.8#



#56
Ethyl methacrylate
Concen: 6.270 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 69 Resp: 18428
Ion Ratio Lower Upper
69 100
41 137.9 52.5 78.7#
39 86.0 27.1 40.7#

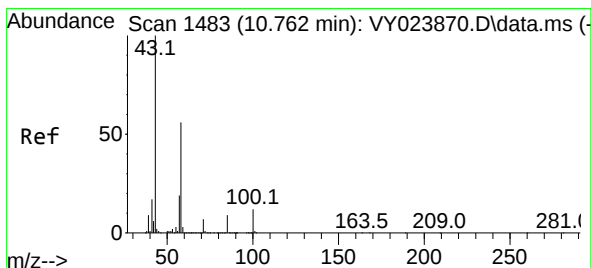
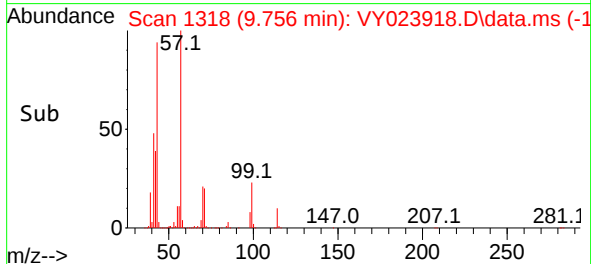
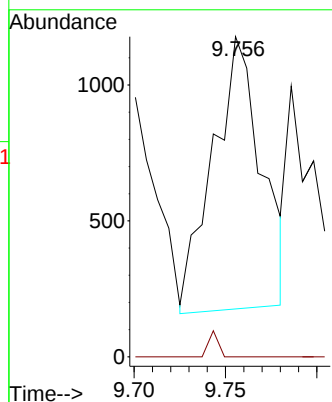
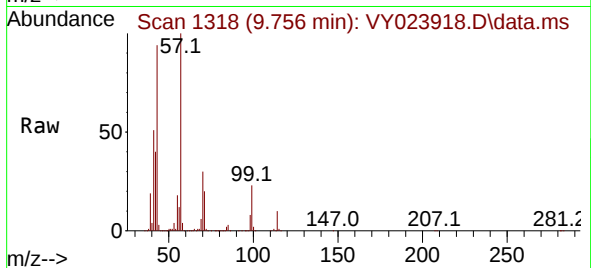




#58
2-Chloroethyl Vinyl ether
Concen: 15.221 ug/l
RT: 9.756 min Scan# 11
Delta R.T. 0.042 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

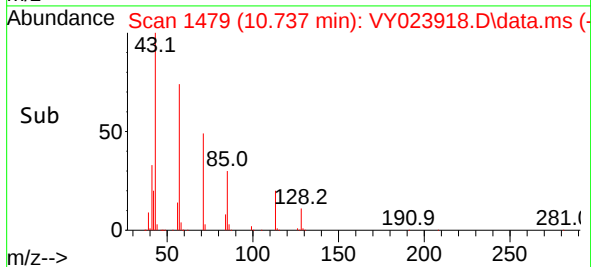
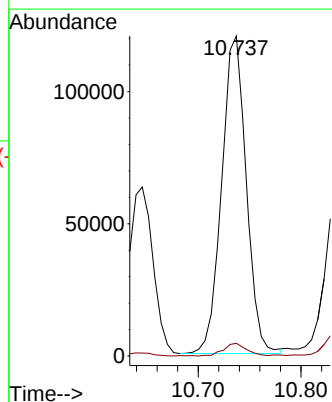
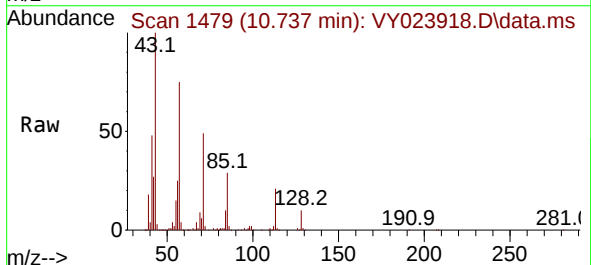
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

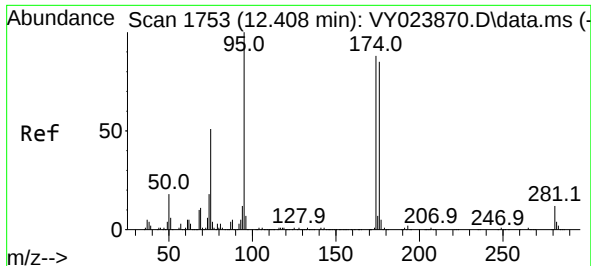
Tgt Ion: 63 Resp: 1854
Ion Ratio Lower Upper
63 100
106 1.9 22.5 33.7#



#59
2-Hexanone
Concen: 55.798 ug/l
RT: 10.737 min Scan# 1479
Delta R.T. -0.025 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 43 Resp: 199710
Ion Ratio Lower Upper
43 100
58 3.7 27.7 83.1#

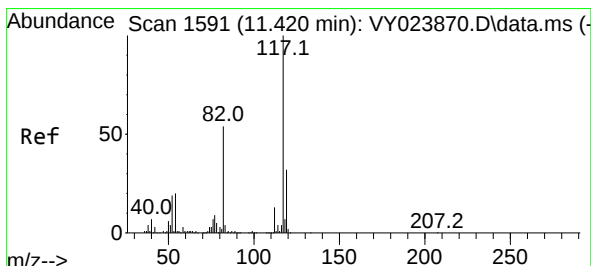
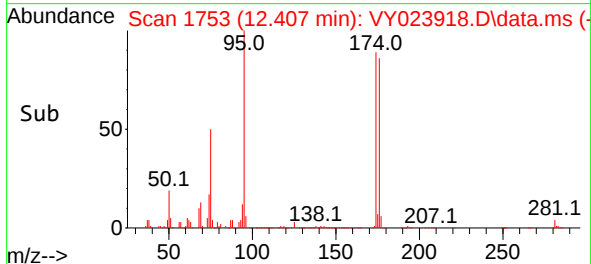
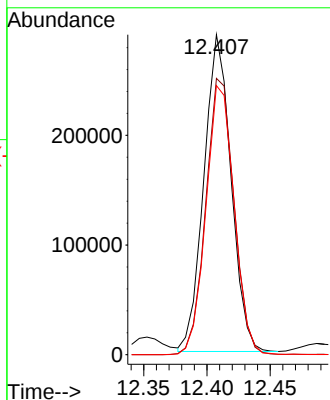
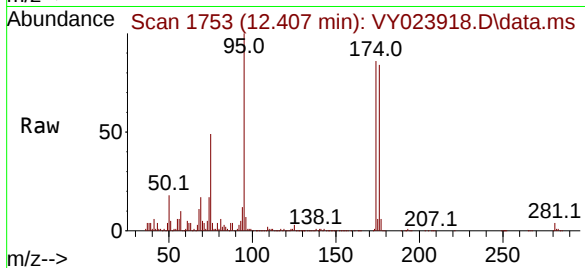




#62
4-Bromofluorobenzene
Concen: 45.827 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

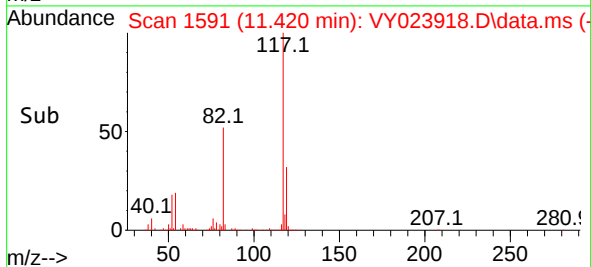
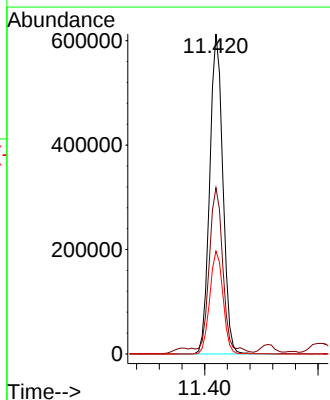
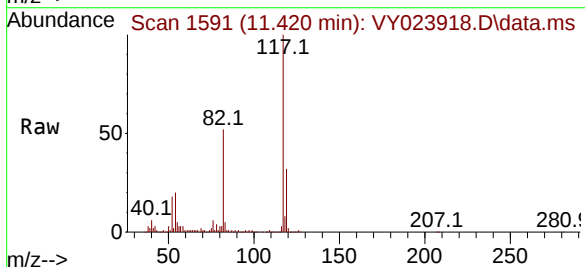
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

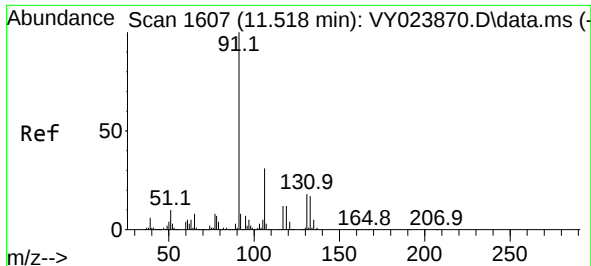
Tgt Ion: 95 Resp: 430894
Ion Ratio Lower Upper
95 100
174 91.0 0.0 169.6
176 88.3 0.0 164.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 117 Resp: 984839
Ion Ratio Lower Upper
117 100
82 51.0 43.1 64.7
119 32.1 26.0 39.0





#67

Ethyl Benzene

Concen: 30.577 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

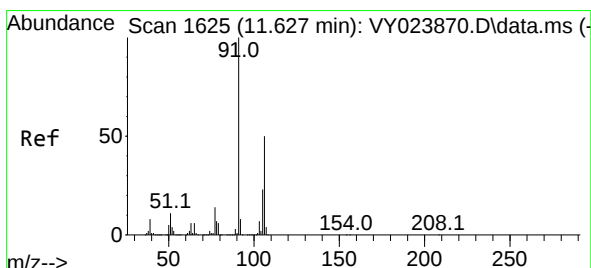
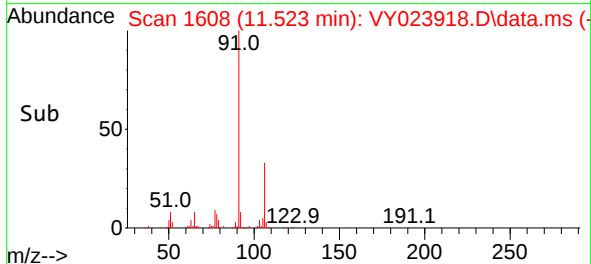
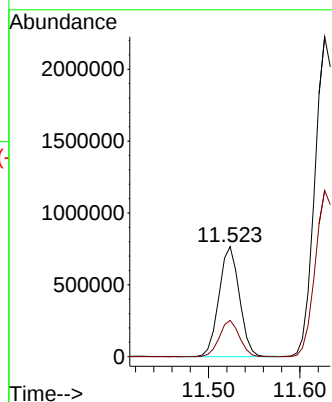
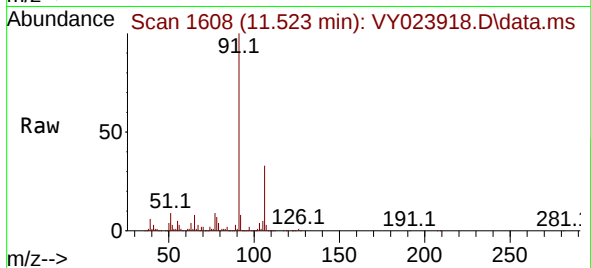
SW-6

Tgt Ion: 91 Resp: 1188238

Ion Ratio Lower Upper

91 100

106 33.1 25.0 37.6



#68

m/p-Xylenes

Concen: 132.220 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023918.D

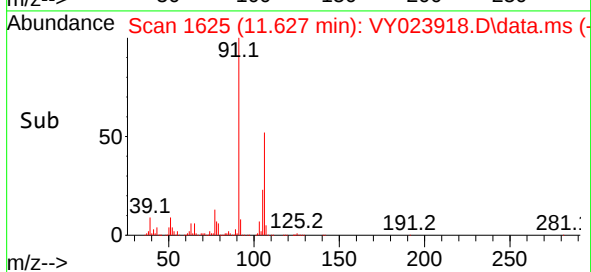
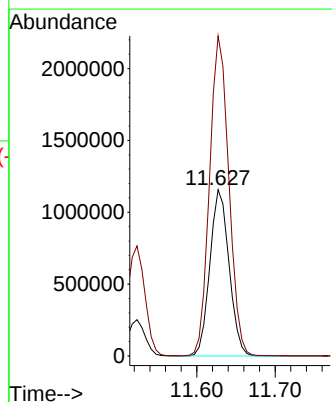
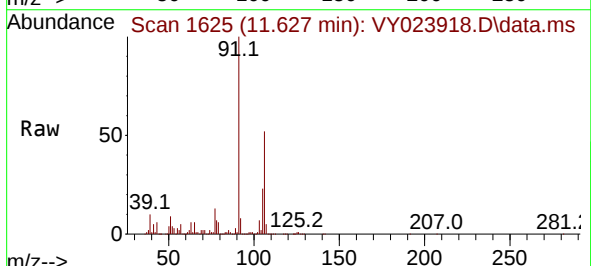
Acq: 09 Dec 2025 19:01

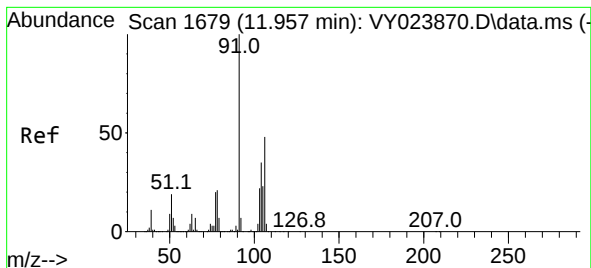
Tgt Ion:106 Resp: 1963911

Ion Ratio Lower Upper

106 100

91 193.6 159.7 239.5

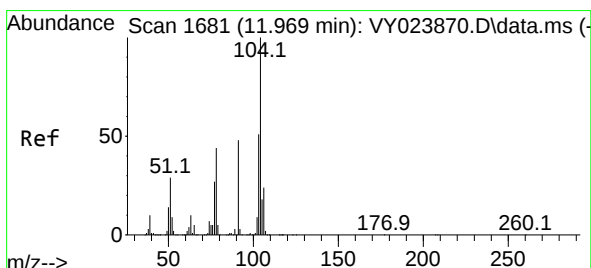
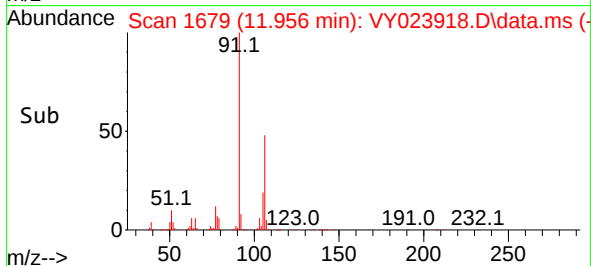
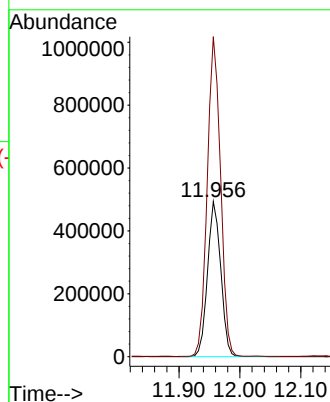
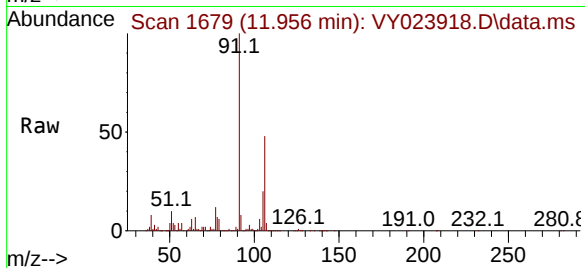




#69
o-Xylene
Concen: 53.555 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

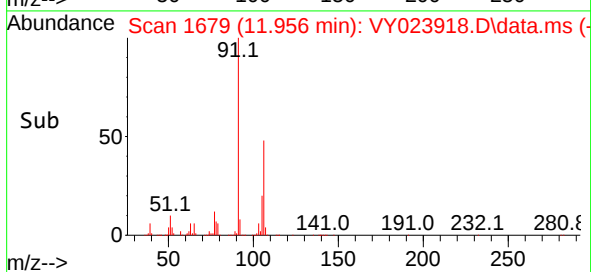
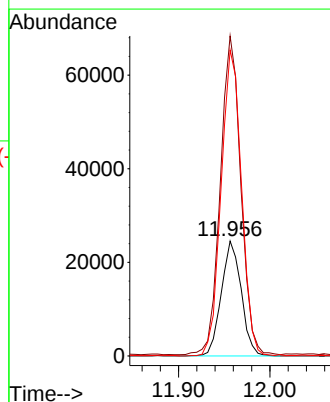
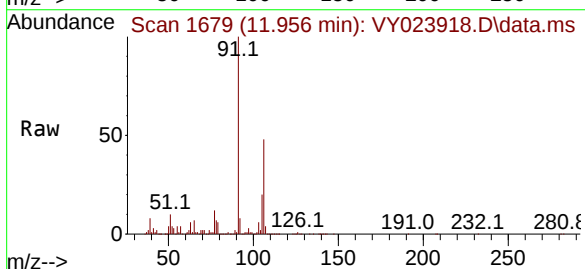
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

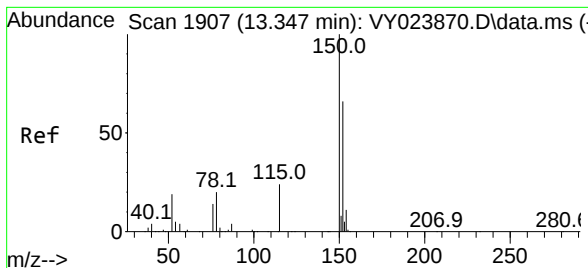
Tgt Ion:106 Resp: 744027
Ion Ratio Lower Upper
106 100
91 207.5 104.4 313.1



#70
Styrene
Concen: 1.625 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.012 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion:104 Resp: 37219
Ion Ratio Lower Upper
104 100
78 283.8 38.8 58.2#
103 272.7 43.9 65.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

SW-6

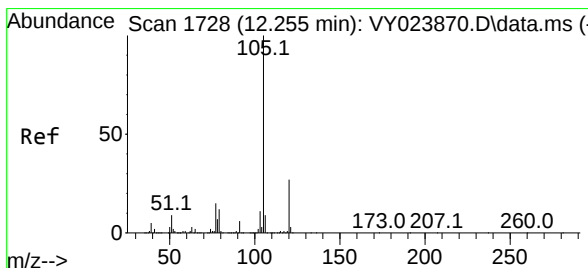
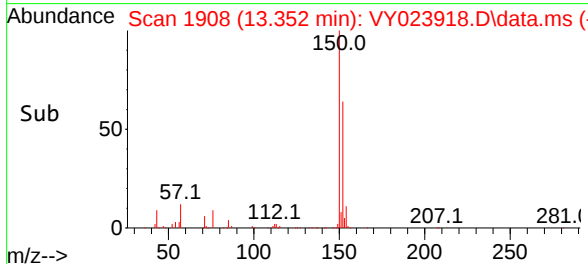
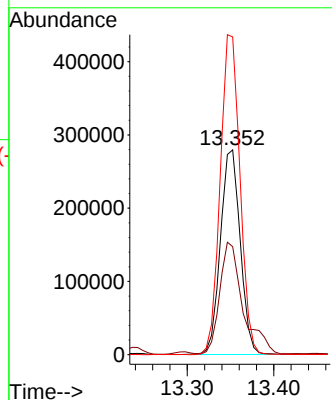
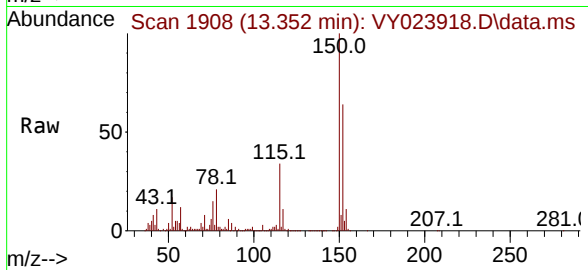
Tgt Ion:152 Resp: 444996

Ion Ratio Lower Upper

152 100

115 63.8 28.8 86.4

150 155.4 0.0 352.2



#73

Isopropylbenzene

Concen: 7.488 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY023918.D

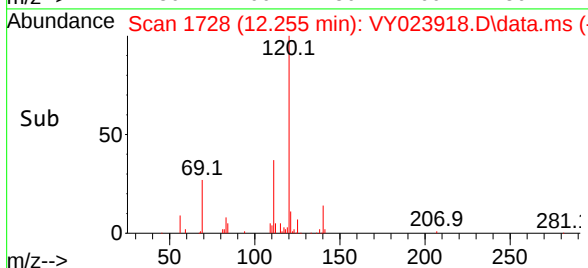
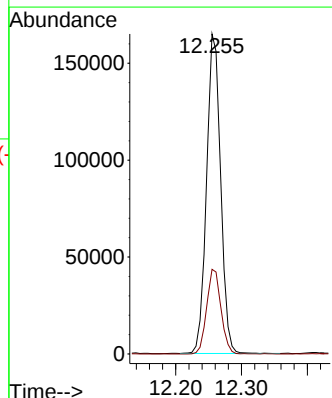
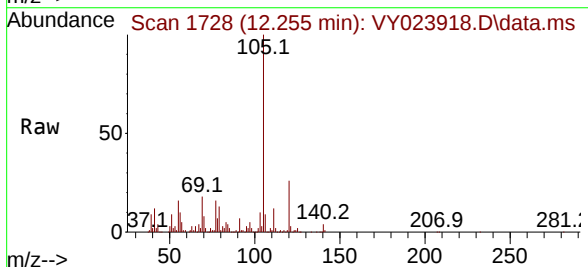
Acq: 09 Dec 2025 19:01

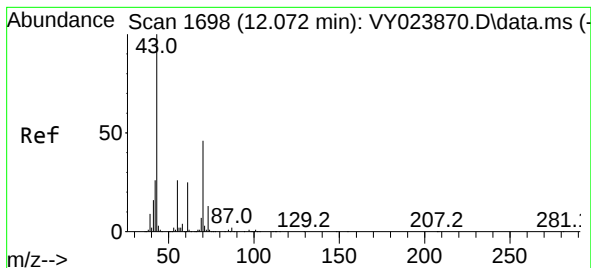
Tgt Ion:105 Resp: 245510

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1

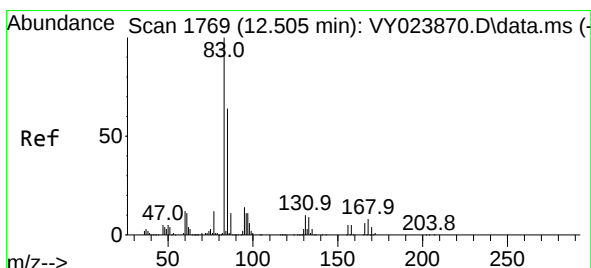
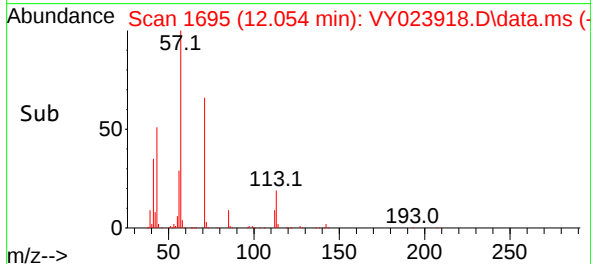
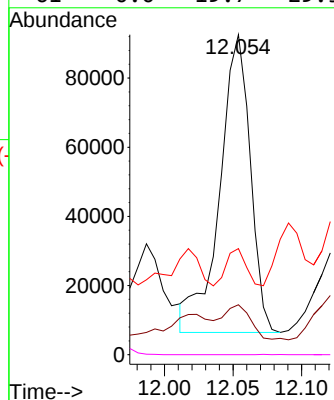
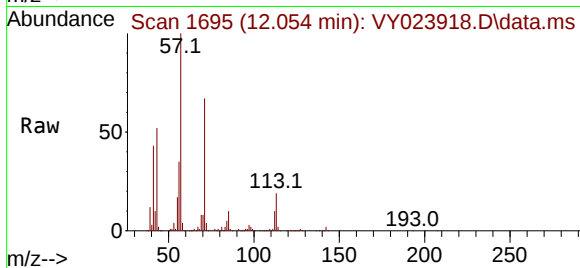




#74
N-amy1 acetate
Concen: 18.836 ug/l
RT: 12.054 min Scan# 1695
Delta R.T. -0.018 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

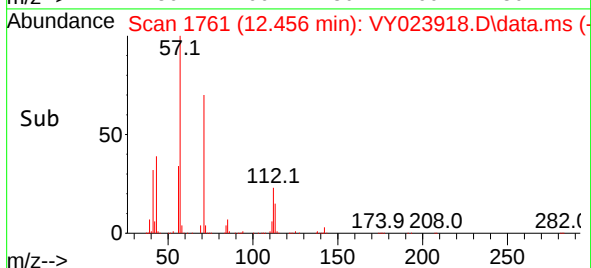
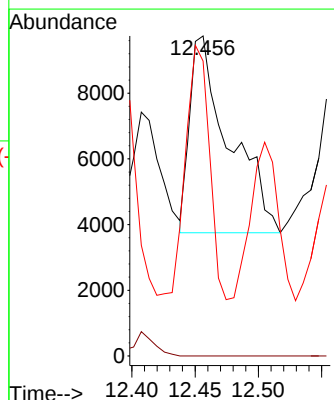
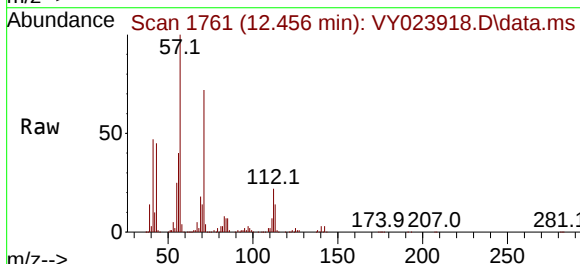
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

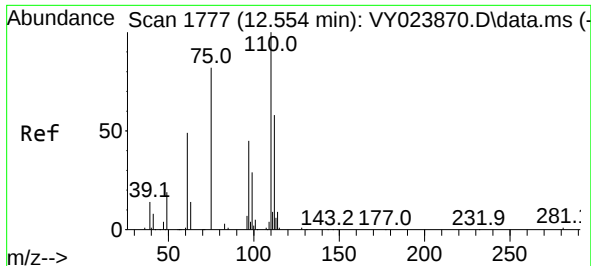
Tgt Ion: 43 Resp: 133843
Ion Ratio Lower Upper
43 100
70 10.5 35.5 53.3#
55 7.8 21.1 31.7#
61 0.0 19.7 29.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.466 ug/l
RT: 12.456 min Scan# 1761
Delta R.T. -0.049 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 83 Resp: 13042
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 77.2 31.9 95.7

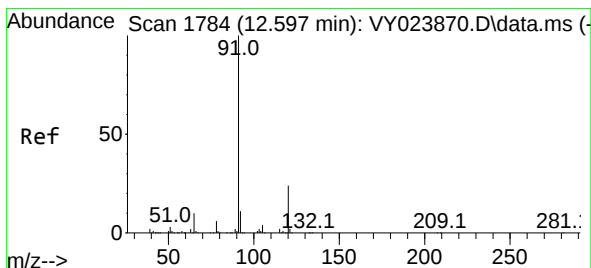
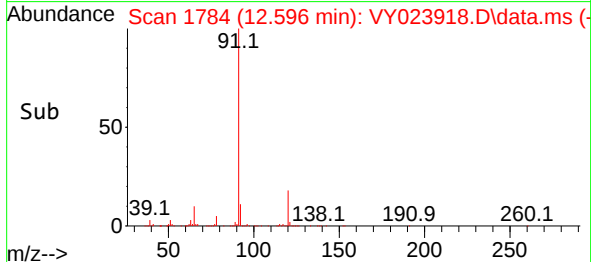
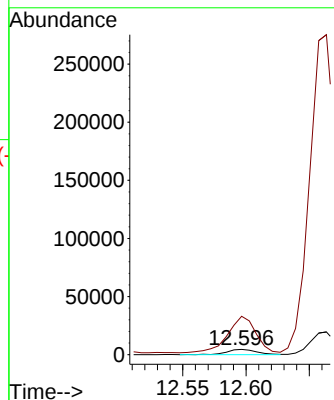
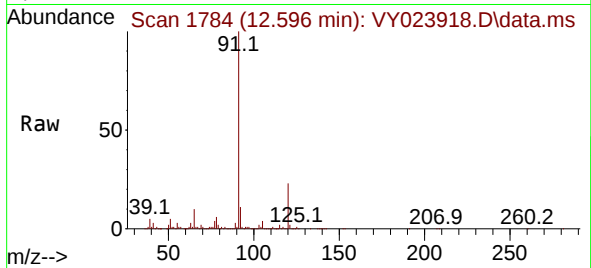




#76
1,2,3-Trichloropropane
Concen: 1.637 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.042 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

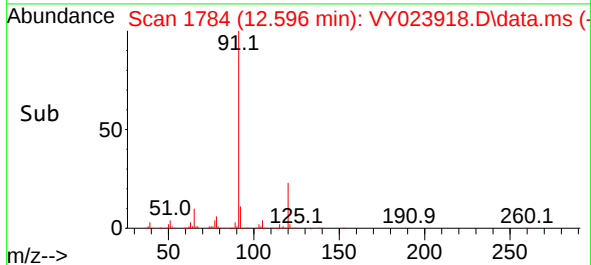
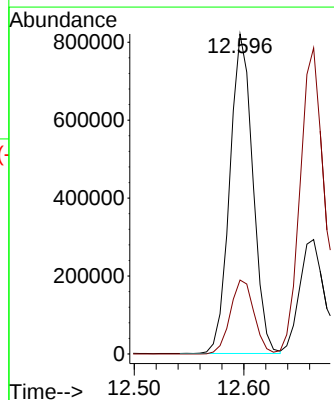
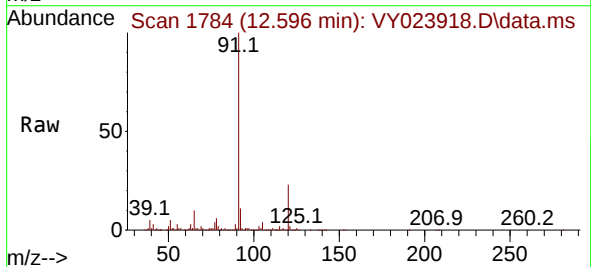
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

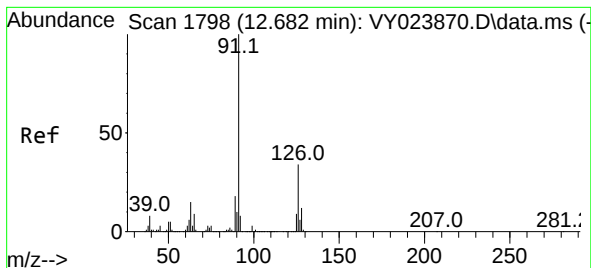
Tgt Ion: 75 Resp: 7220
Ion Ratio Lower Upper
75 100
77 664.9 0.0 0.0#



#78
n-propylbenzene
Concen: 30.300 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 91 Resp: 1198756
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.5

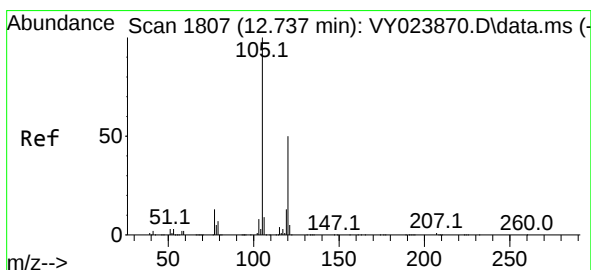
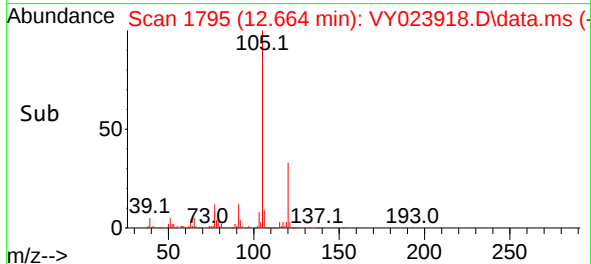
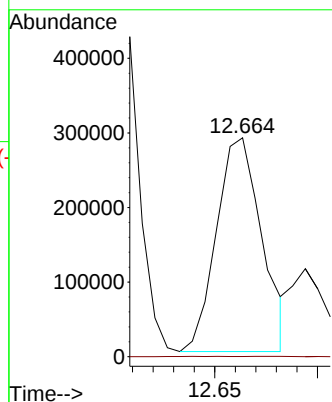
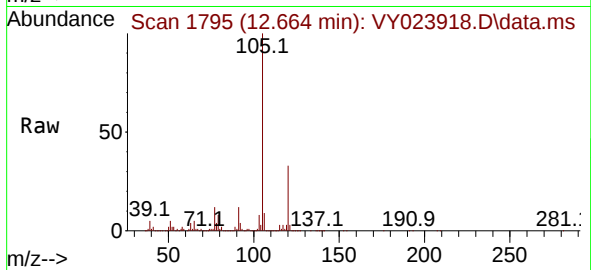




#79
2-Chlorotoluene
Concen: 19.574 ug/l
RT: 12.664 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

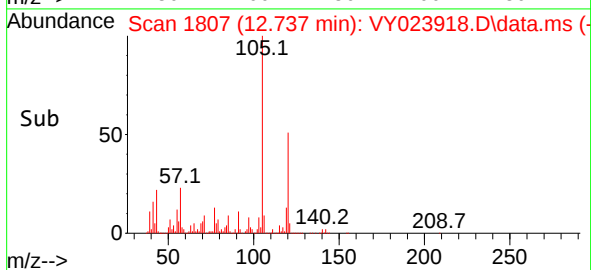
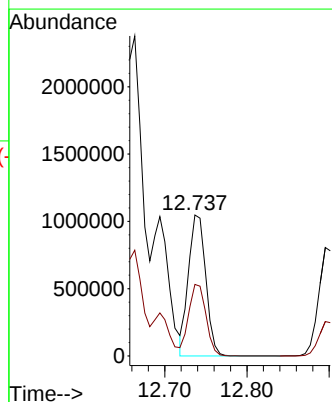
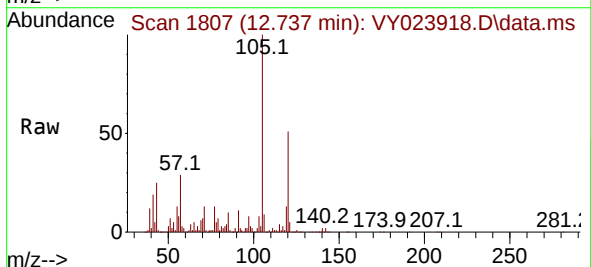
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

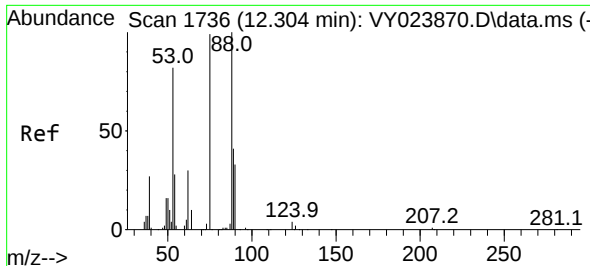
Tgt Ion: 91 Resp: 439807
Ion Ratio Lower Upper
91 100
126 0.1 17.0 51.0#



#80
1,3,5-Trimethylbenzene
Concen: 57.481 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 105 Resp: 1531285
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6

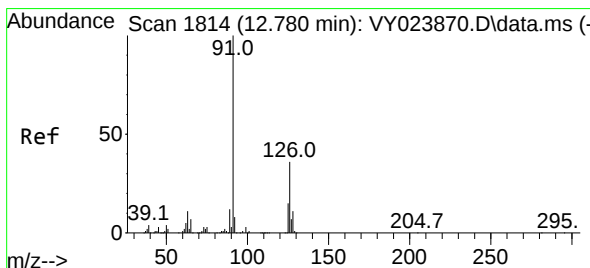
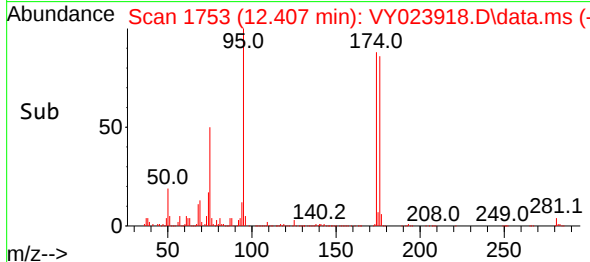
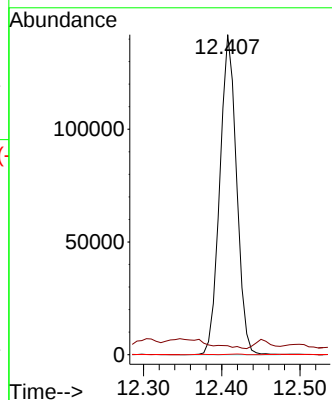
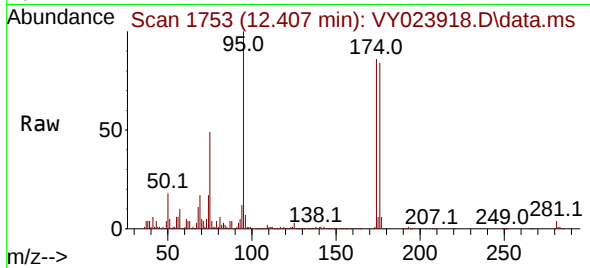




#81
trans-1,4-Dichloro-2-butene
Concen: 114.981 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

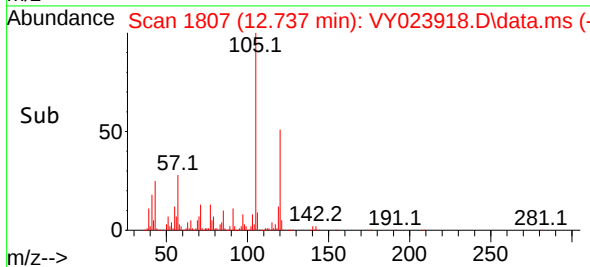
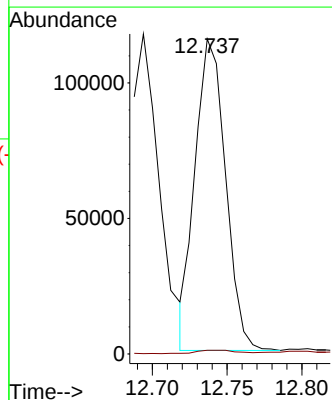
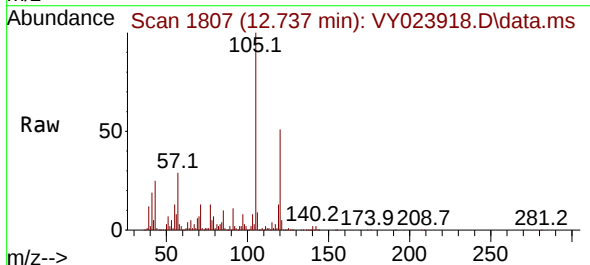
Instrument :
MSVOA_Y
ClientSampleId :
SW-6

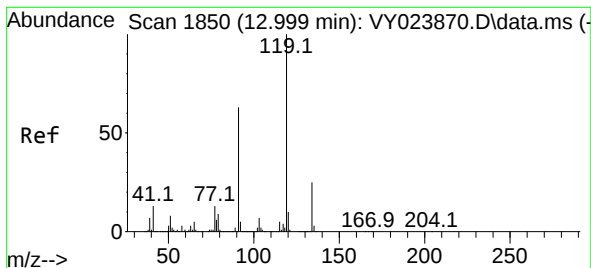
Tgt Ion: 75 Resp: 211786
Ion Ratio Lower Upper
75 100
53 0.0 71.1 106.7#
89 0.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 6.989 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.043 min
Lab File: VY023918.D
Acq: 09 Dec 2025 19:01

Tgt Ion: 91 Resp: 162809
Ion Ratio Lower Upper
91 100
126 1.5 17.1 51.2#





#83

tert-Butylbenzene

Concen: 26.371 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.049 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

SW-6

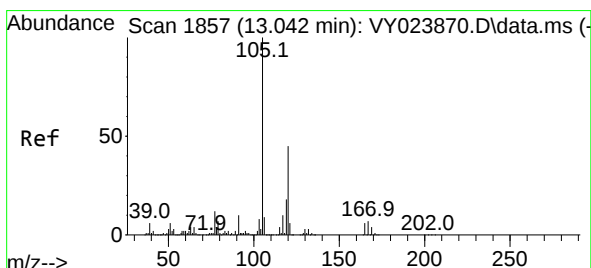
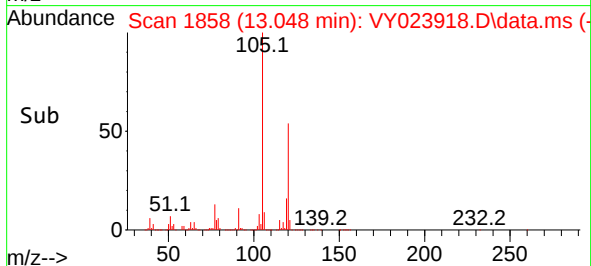
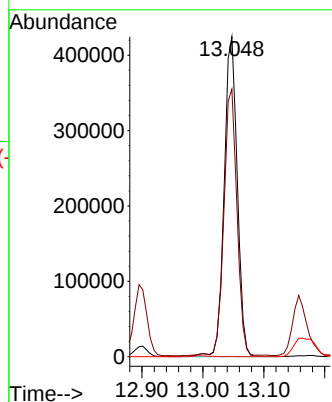
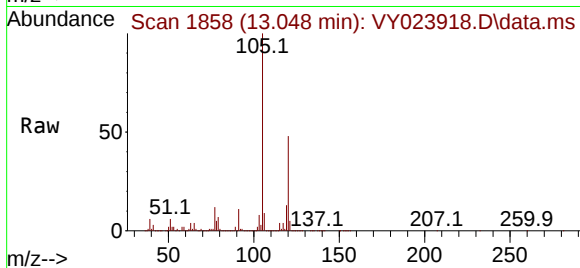
Tgt Ion:119 Resp: 633339

Ion Ratio Lower Upper

119 100

91 83.4 31.8 95.3

134 0.0 12.9 38.7#



#84

1,2,4-Trimethylbenzene

Concen: 188.578 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023918.D

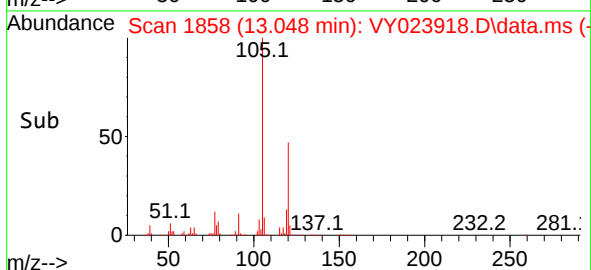
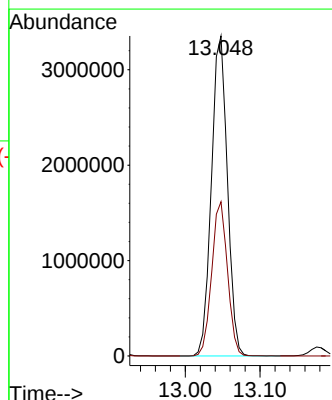
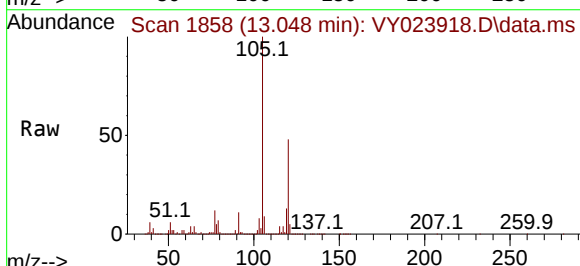
Acq: 09 Dec 2025 19:01

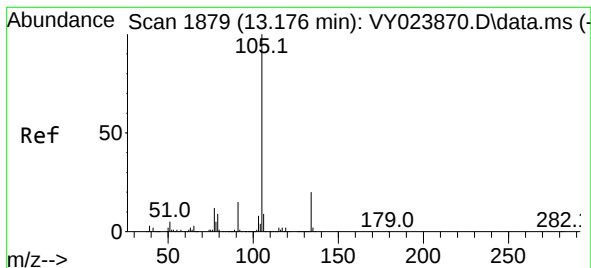
Tgt Ion:105 Resp: 4976808

Ion Ratio Lower Upper

105 100

120 47.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 139.307 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.128 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

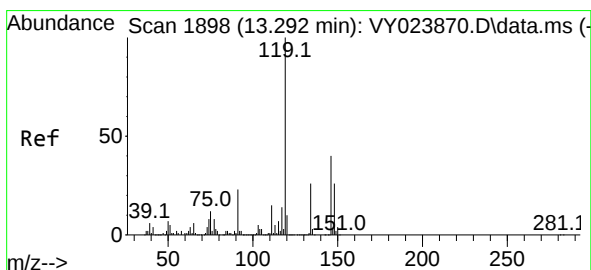
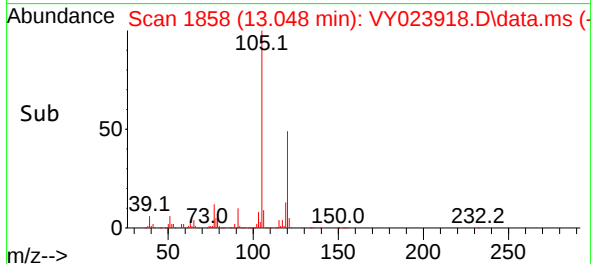
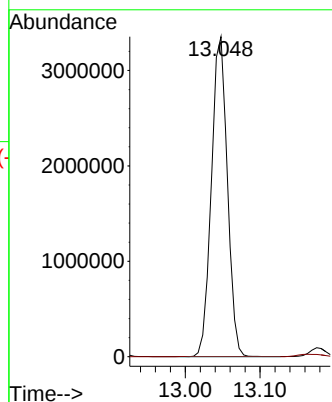
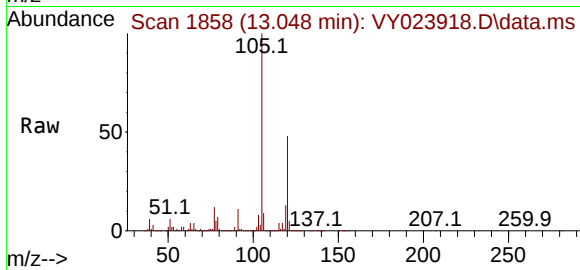
SW-6

Tgt Ion:105 Resp: 4976808

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.3#



#86

p-Isopropyltoluene

Concen: 6.755 ug/l

RT: 13.237 min Scan# 1889

Delta R.T. -0.055 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

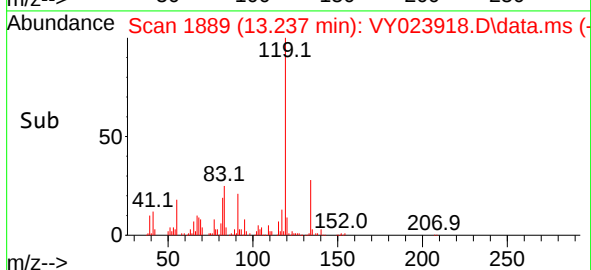
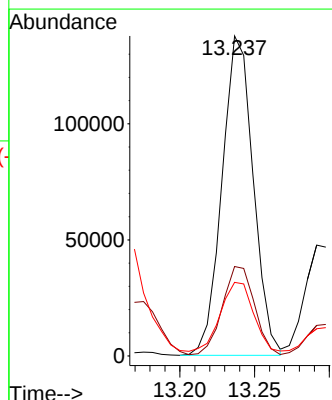
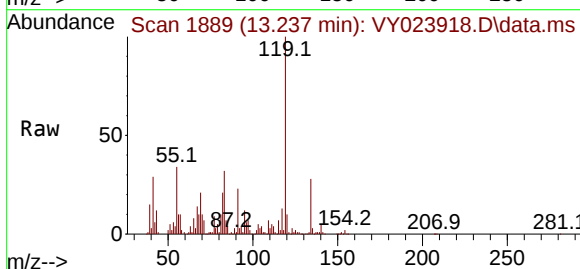
Tgt Ion:119 Resp: 199826

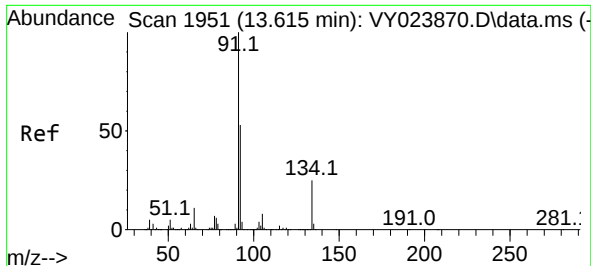
Ion Ratio Lower Upper

119 100

134 28.9 13.1 39.1

91 22.6 11.6 34.8





#89

n-Butylbenzene

Concen: 9.404 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

SW-6

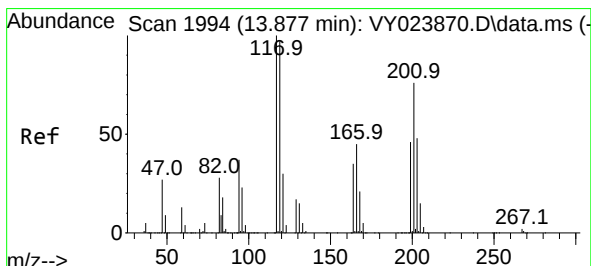
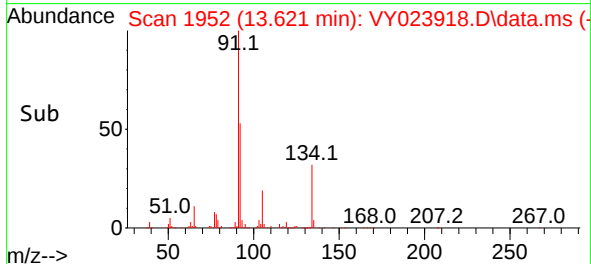
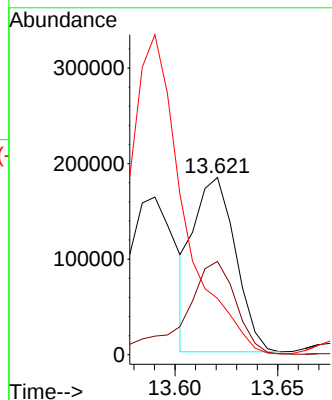
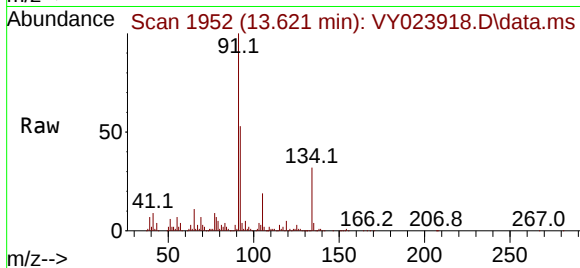
Tgt Ion: 91 Resp: 257473

Ion Ratio Lower Upper

91 100

92 65.2 26.7 80.0

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 18.219 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.018 min

Lab File: VY023918.D

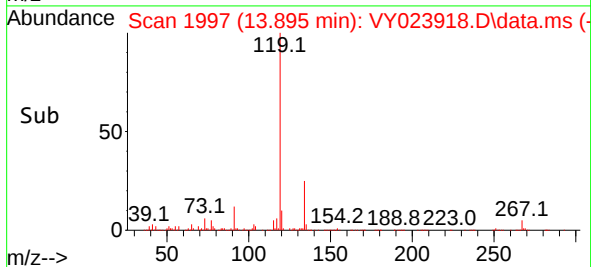
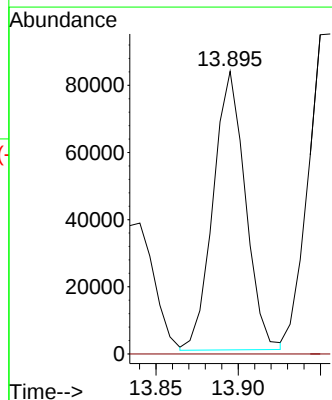
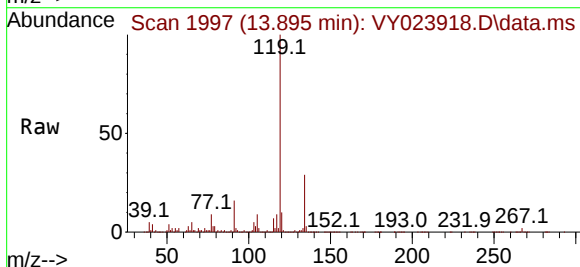
Acq: 09 Dec 2025 19:01

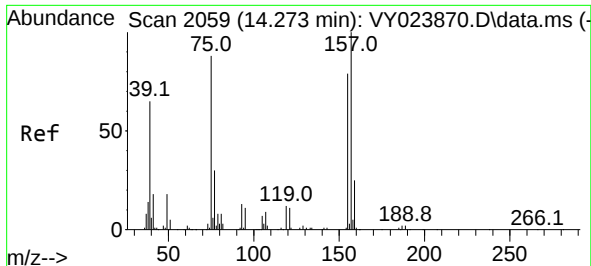
Tgt Ion: 117 Resp: 113058

Ion Ratio Lower Upper

117 100

201 0.0 39.1 117.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.494 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Instrument :

MSVOA_Y

ClientSampleId :

SW-6

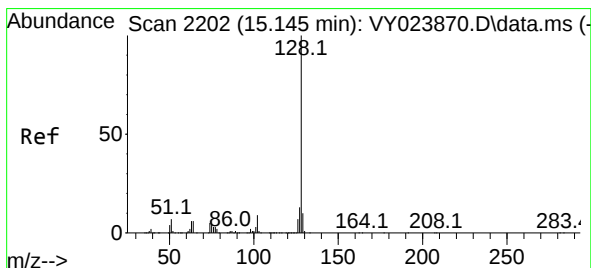
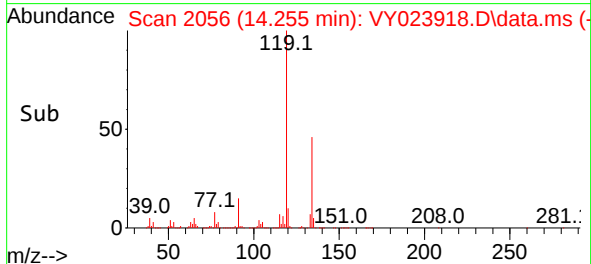
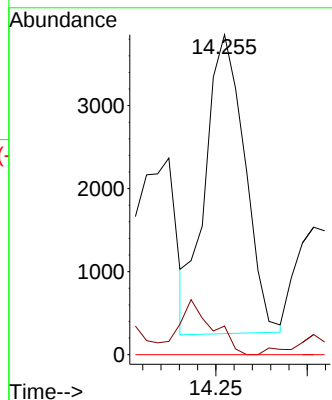
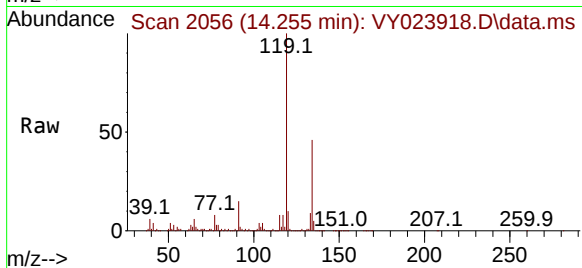
Tgt Ion: 75 Resp: 5401

Ion Ratio Lower Upper

75 100

155 0.0 44.4 133.2#

157 0.0 57.5 172.3#



#95

Naphthalene

Concen: 55.909 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023918.D

Acq: 09 Dec 2025 19:01

Tgt Ion: 128 Resp: 728889

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1

