

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023630.D
 Acq On : 30 Oct 2025 14:13
 Operator : SY/MD
 Sample : Q3491-01
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 31 02:40:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	49188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	54391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	20110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	2901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	5955	14.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	28.960%#
35) Dibromofluoromethane	7.646	113	9802	29.329	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.660%
50) Toluene-d8	10.109	98	53114	42.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.340%
62) 4-Bromofluorobenzene	12.408	95	5286	12.864	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.720%#
Target Compounds						
					Qvalue	
5) Bromomethane	2.623	94	657	1.246	ug/l	82
20) Methylene Chloride	4.610	84	906	1.711	ug/l #	91
31) Cyclohexane	7.713	56	1106	1.616	ug/l #	47
36) 1,1-Dichloropropene	7.707	75	3445	7.786	ug/l #	51
38) Carbon Tetrachloride	7.707	117	4414	8.227	ug/l #	25
46) Dibromomethane	9.238	93	298	1.523	ug/l #	5
48) Methyl methacrylate	9.231	41	170	1.035	ug/l #	80
55) 1,1,2-Trichloroethane	10.554	97	277	1.053	ug/l #	47
56) Ethyl methacrylate	10.451	69	542	1.785	ug/l #	59
66) 1,1,1,2-Tetrachloroethane	11.487	131	267	1.713	ug/l #	15
67) Ethyl Benzene	11.530	91	3525	4.979	ug/l #	82
68) m/p-Xylenes	11.627	106	5675	19.984	ug/l	91
69) o-Xylene	11.957	106	3029	11.372	ug/l	73
71) Bromoform	12.139	173	146	1.510	ug/l #	1
73) Isopropylbenzene	12.371	105	307	1.606	ug/l	79
74) N-amyl acetate	12.054	43	304	8.853	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.621	83	917	29.326	ug/l	70
76) 1,2,3-Trichloropropane	12.554	75	65	2.540	ug/l #	100
77) Bromobenzene	12.420	156	125	2.459	ug/l	89
78) n-propylbenzene	12.475	91	1272	5.750	ug/l	80
79) 2-Chlorotoluene	12.652	91	910	7.024	ug/l	85
80) 1,3,5-Trimethylbenzene	12.743	105	1093	7.075	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.341	75	63	6.036	ug/l #	1
82) 4-Chlorotoluene	12.755	91	990	7.420	ug/l	86
83) tert-Butylbenzene	12.743	119	930	6.520	ug/l	67
84) 1,2,4-Trimethylbenzene	13.042	105	4750	30.809	ug/l	84
85) sec-Butylbenzene	12.981	105	806	3.939	ug/l	81
86) p-Isopropyltoluene	13.523	119	1794	10.298	ug/l	85
87) 1,3-Dichlorobenzene	13.304	146	383	3.870	ug/l #	1
88) 1,4-Dichlorobenzene	13.347	146	170	1.739	ug/l #	1
89) n-Butylbenzene	13.786	91	432	2.846	ug/l	88
90) Hexachloroethane	13.962	117	144	3.843	ug/l	60
91) 1,2-Dichlorobenzene	13.676	146	121	1.394	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.267	75	56	10.915	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.919	180	256	4.732	ug/l #	1
95) Naphthalene	15.151	128	931	10.808	ug/l #	39

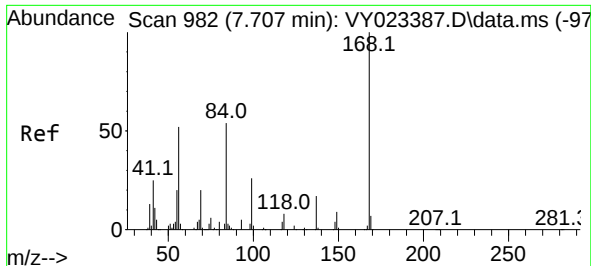
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
Data File : VY023630.D
Acq On : 30 Oct 2025 14:13
Operator : SY/MD
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Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
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Quant Time: Oct 31 02:40:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.340	180	147	3.137	ug/l #	1

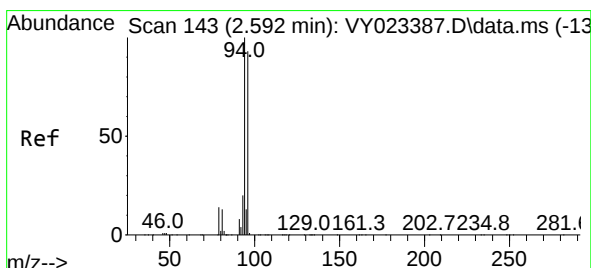
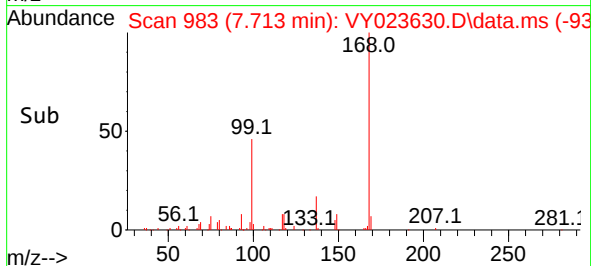
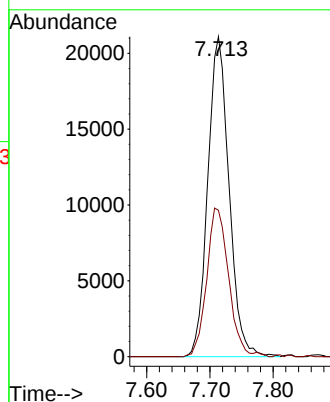
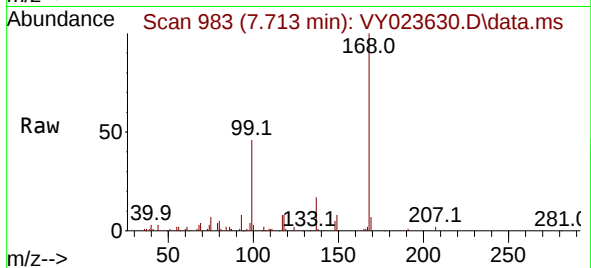
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

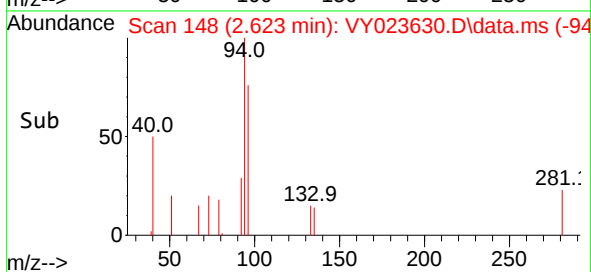
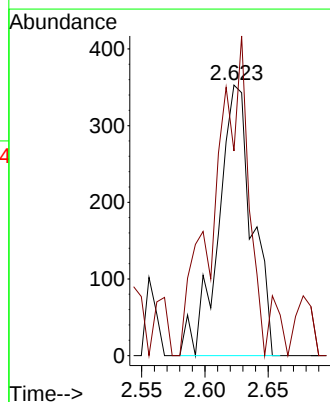
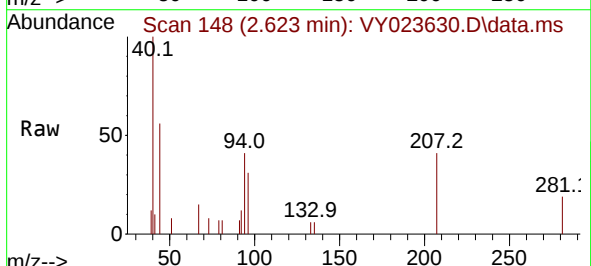
Instrument :
MSVOA_Y
ClientSampleId :

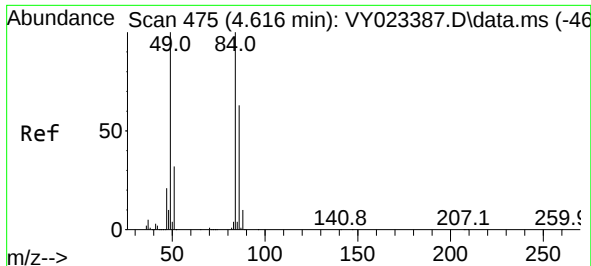
Tgt Ion:168 Resp: 49188
Ion Ratio Lower Upper
168 100
99 45.7 39.7 59.5



#5
Bromomethane
Concen: 1.246 ug/l
RT: 2.623 min Scan# 148
Delta R.T. 0.031 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

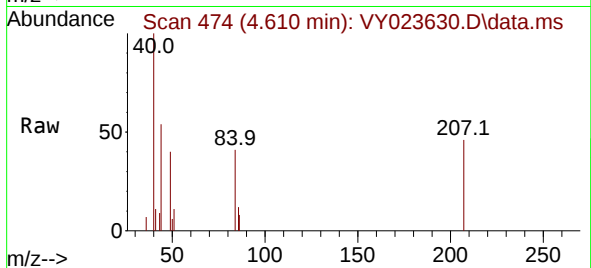
Tgt Ion: 94 Resp: 657
Ion Ratio Lower Upper
94 100
96 75.6 74.5 111.7



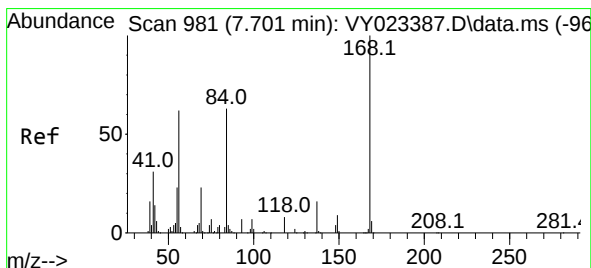
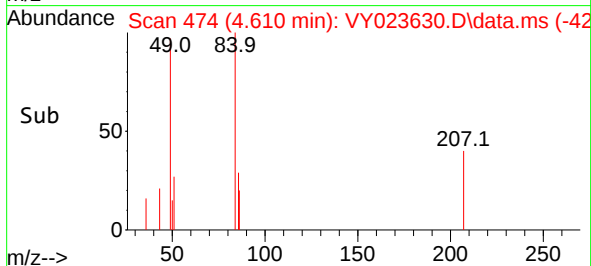
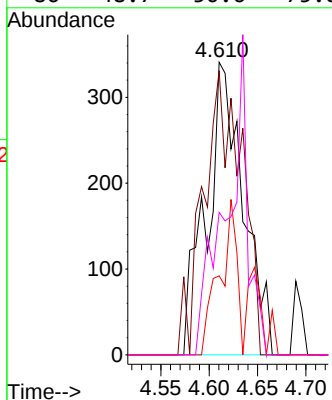


#20
Methylene Chloride
Concen: 1.711 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Instrument :
MSVOA_Y
ClientSampleId :

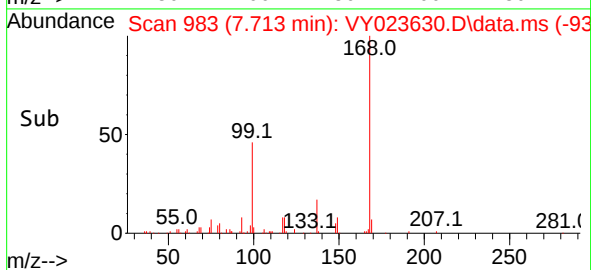
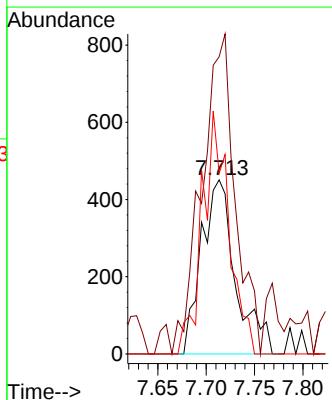
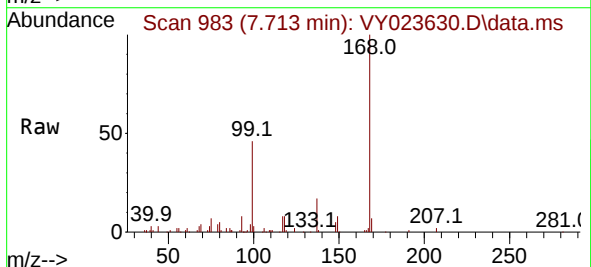


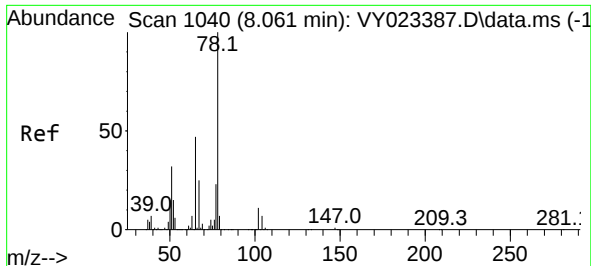
Tgt Ion:	84	Resp:	906
Ion	Ratio	Lower	Upper
84	100		
49	97.1	80.2	120.4
51	27.0	25.9	38.9
86	48.7	50.6	75.8#



#31
Cyclohexane
Concen: 1.616 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion:	56	Resp:	1106
Ion	Ratio	Lower	Upper
56	100		
69	151.9	30.0	45.0#
84	103.8	81.2	121.8





#33

1,2-Dichloroethane-d4

Concen: 14.478 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

Instrument :

MSVOA_Y

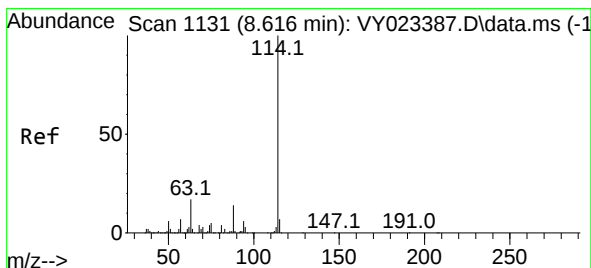
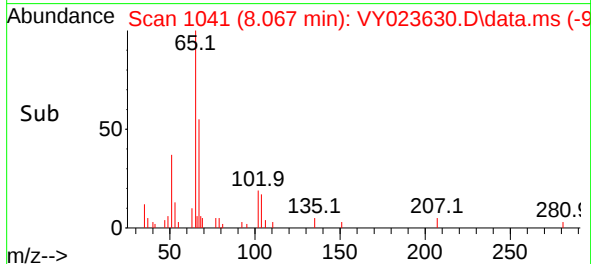
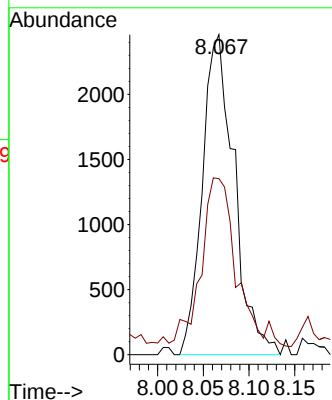
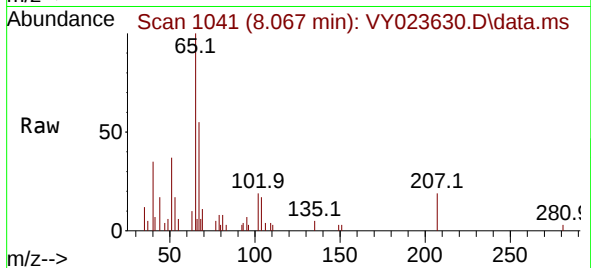
ClientSampleId :

Tgt Ion: 65 Resp: 5955

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

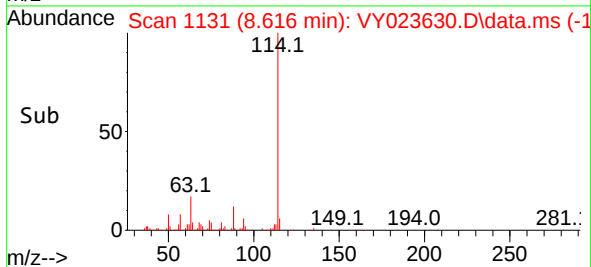
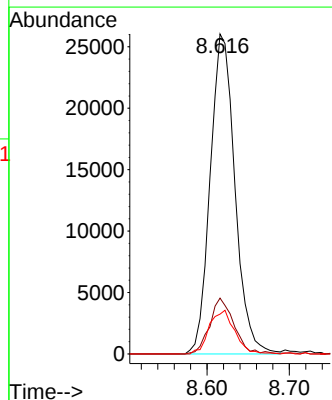
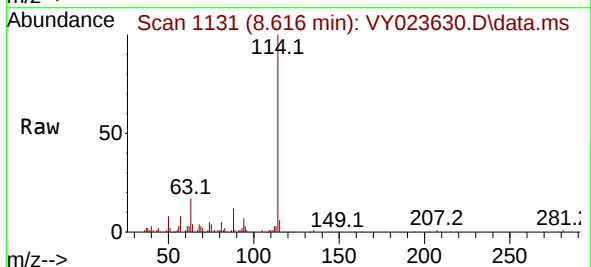
Tgt Ion: 114 Resp: 54391

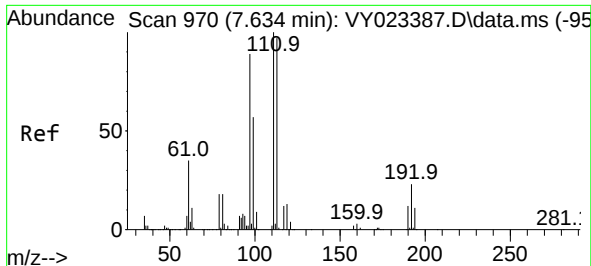
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

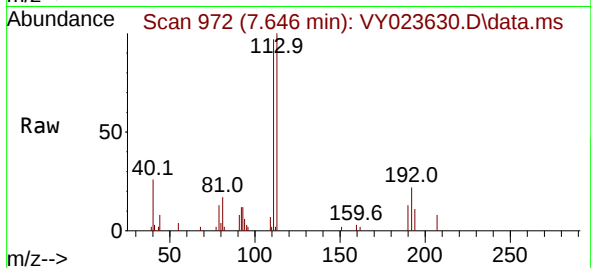
88 12.4 0.0 28.4



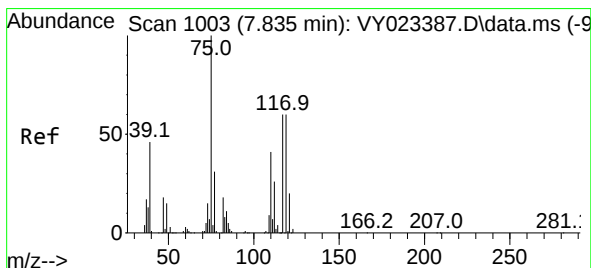
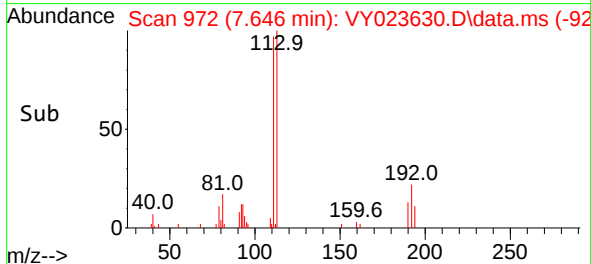
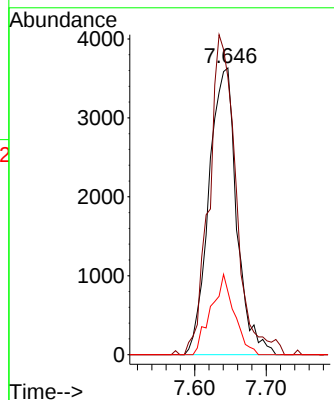


#35
Dibromofluoromethane
Concen: 29.329 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Instrument :
MSVOA_Y
ClientSampleId :

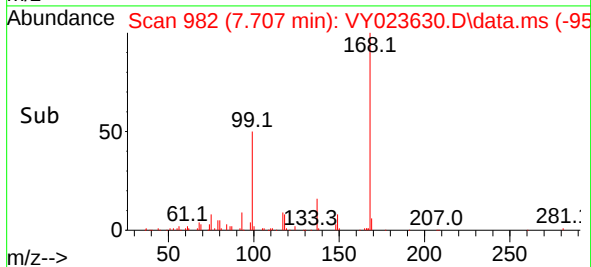
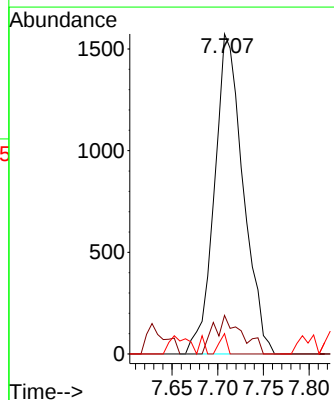
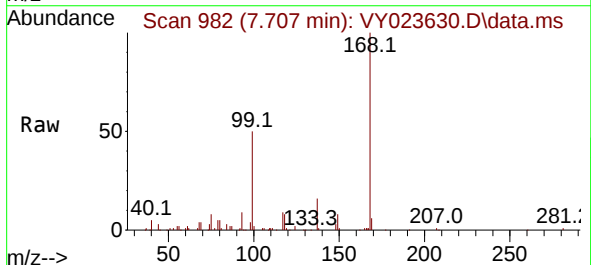


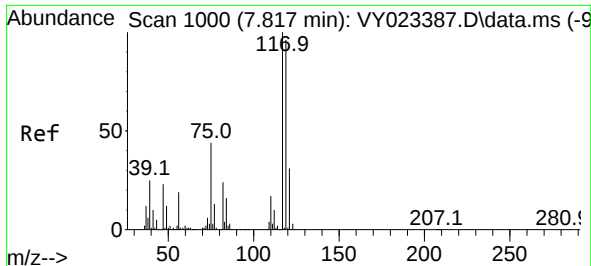
Tgt Ion:113 Resp: 9802
Ion Ratio Lower Upper
113 100
111 108.3 81.8 122.6
192 23.3 18.0 27.0



#36
1,1-Dichloropropene
Concen: 7.786 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

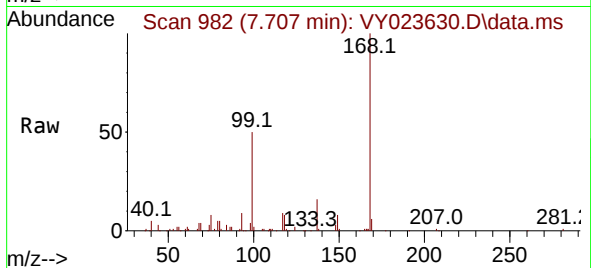
Tgt Ion: 75 Resp: 3445
Ion Ratio Lower Upper
75 100
110 11.6 19.9 59.7#
77 1.6 25.0 37.6#



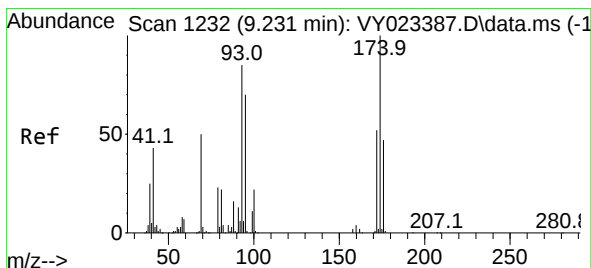
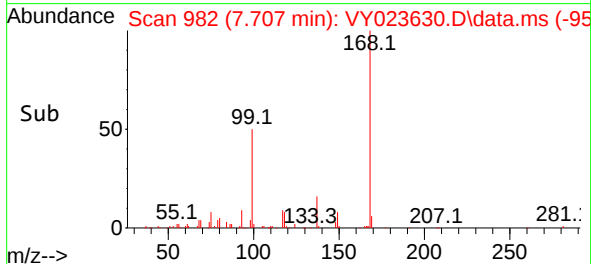
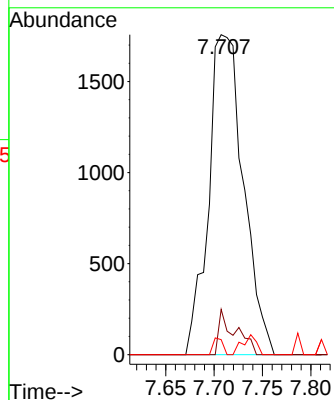


#38
Carbon Tetrachloride
Concen: 8.227 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Instrument :
MSVOA_Y
ClientSampleId :

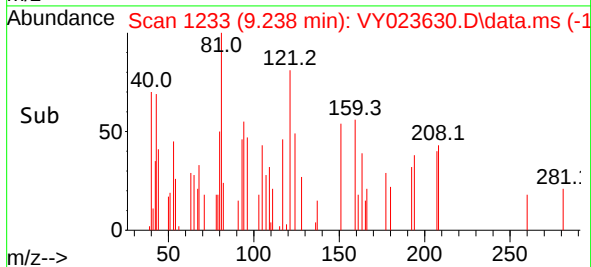
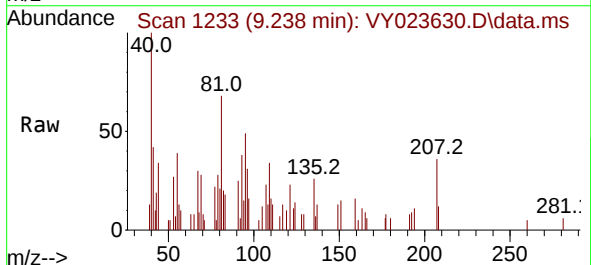
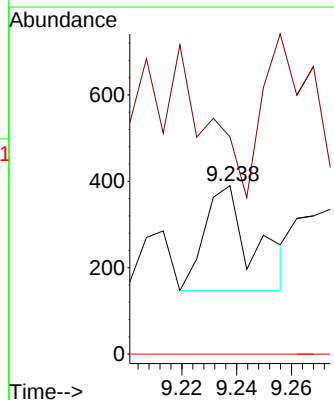


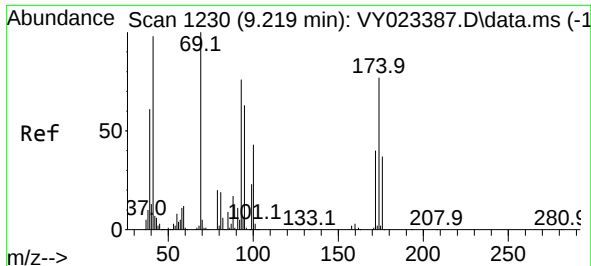
Tgt Ion:117 Resp: 4414
Ion Ratio Lower Upper
117 100
119 14.1 76.8 115.2#
121 4.7 24.5 36.7#



#46
Dibromomethane
Concen: 1.523 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 93 Resp: 298
Ion Ratio Lower Upper
93 100
95 152.7 65.4 98.0#
174 0.0 92.9 139.3#





#48

Methyl methacrylate

Concen: 1.035 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

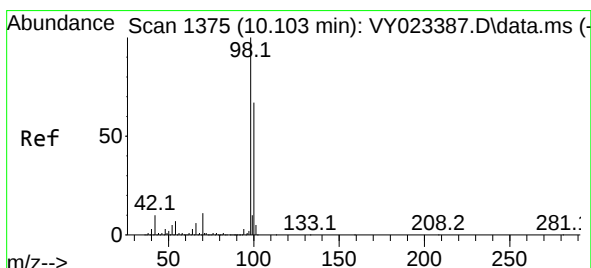
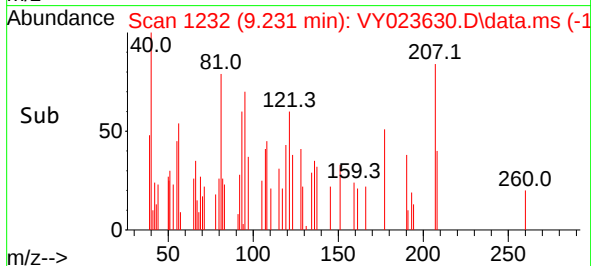
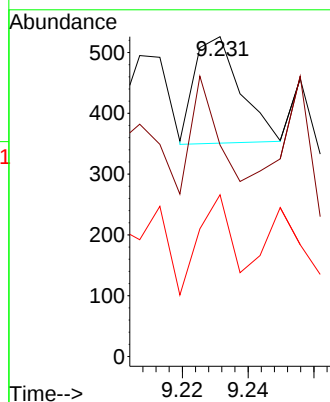
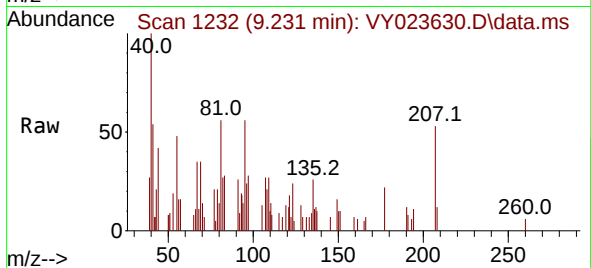
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 41 Resp: 170

Ion	Ratio	Lower	Upper
41	100		
69	74.7	81.0	121.4#
39	67.1	48.2	72.4



#50

Toluene-d8

Concen: 42.675 ug/l

RT: 10.109 min Scan# 1376

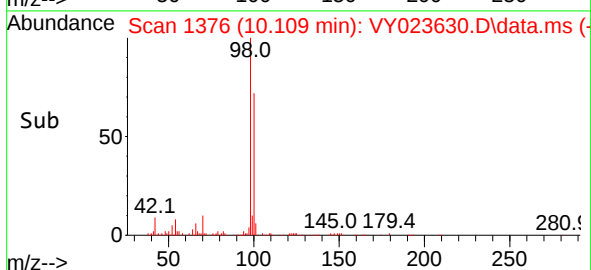
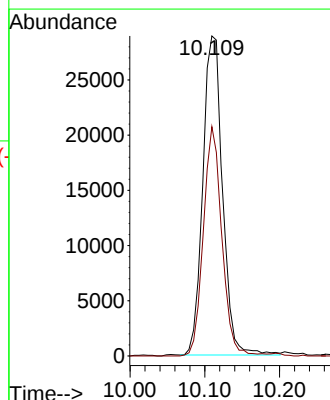
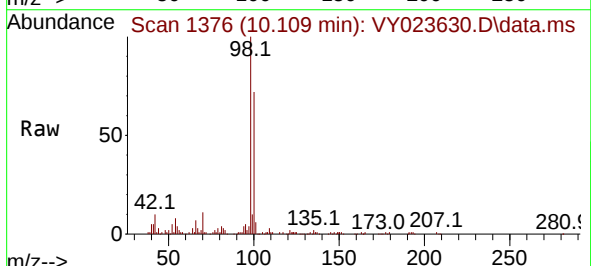
Delta R.T. 0.006 min

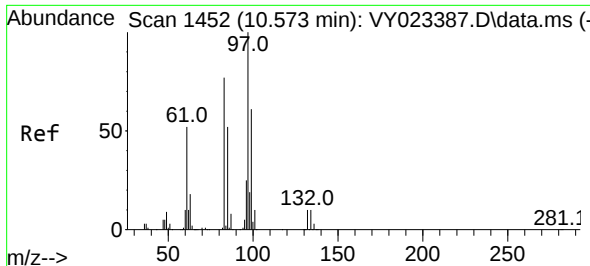
Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

Tgt Ion: 98 Resp: 53114

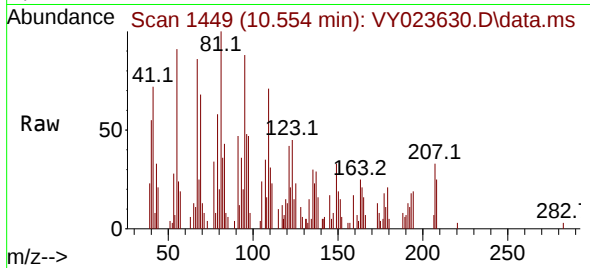
Ion	Ratio	Lower	Upper
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100	67.2	53.0	79.4



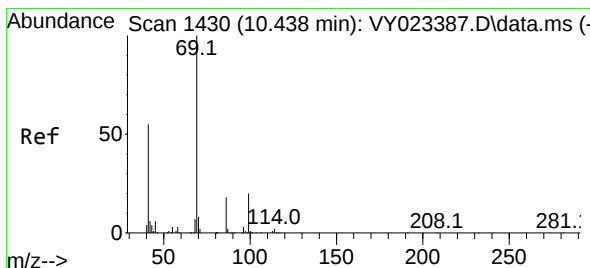
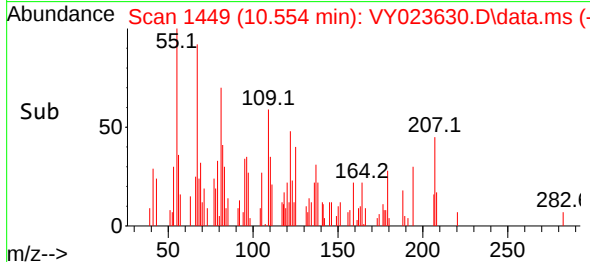
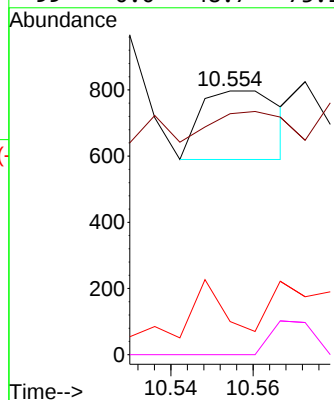


#55
1,1,2-Trichloroethane
Concen: 1.053 ug/l
RT: 10.554 min Scan# 1449
Delta R.T. -0.018 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Instrument :
MSVOA_Y
ClientSampleId :

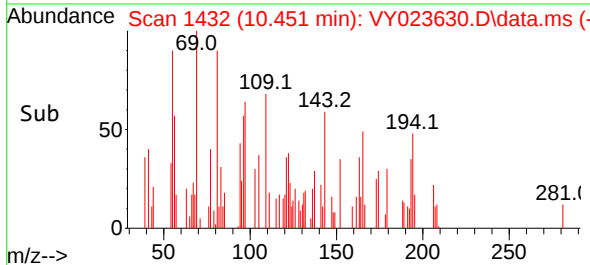
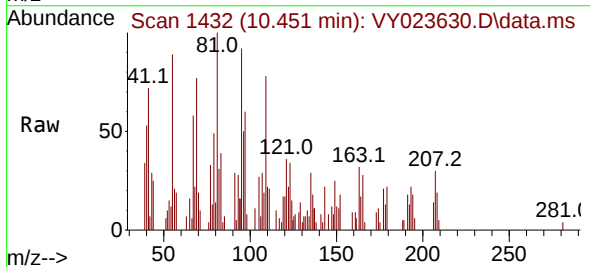
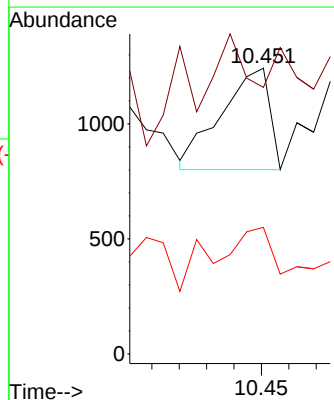


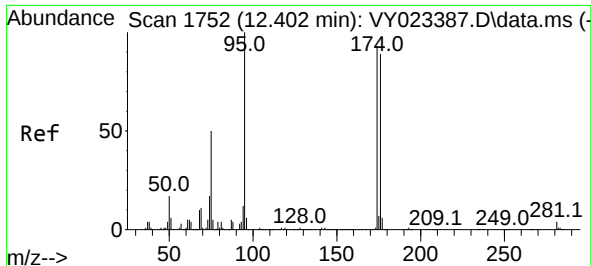
Tgt Ion: 97	Resp: 277
Ion Ratio	Lower Upper
97 100	
83 41.5	61.8 92.6#
85 23.7	41.3 61.9#
99 0.0	48.7 73.1#



#56
Ethyl methacrylate
Concen: 1.785 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 69	Resp: 542
Ion Ratio	Lower Upper
69 100	
41 50.4	44.6 67.0
39 89.3	27.0 40.4#

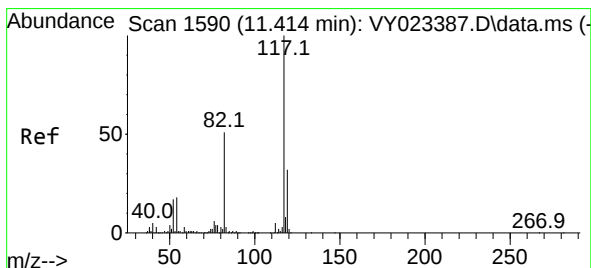
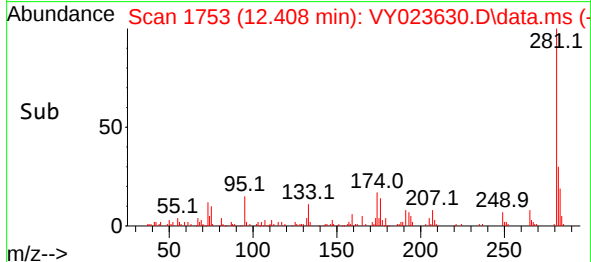
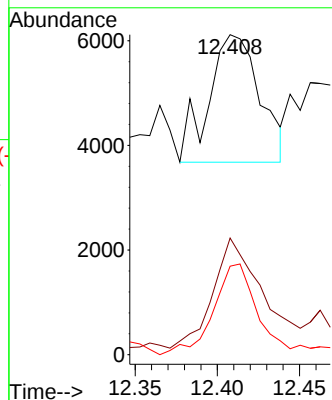
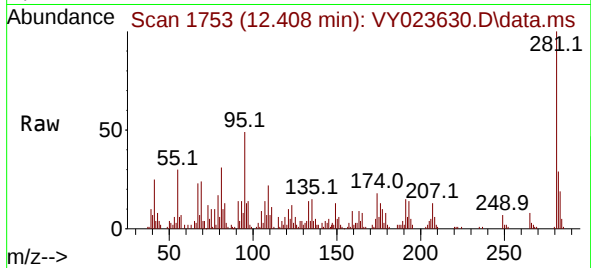




#62
4-Bromofluorobenzene
Concen: 12.864 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

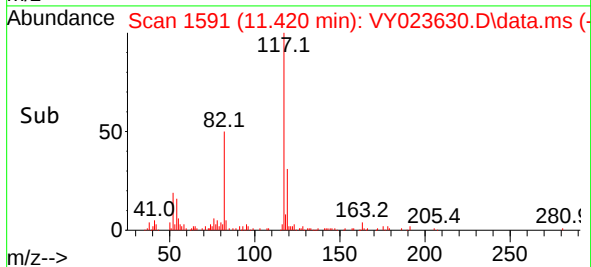
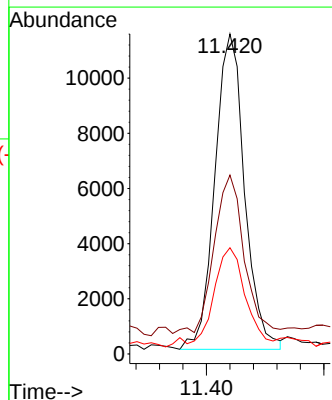
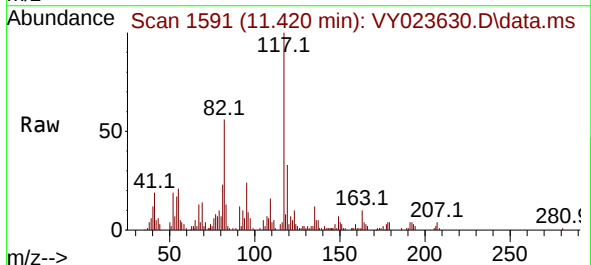
Instrument :
MSVOA_Y
ClientSampleId :

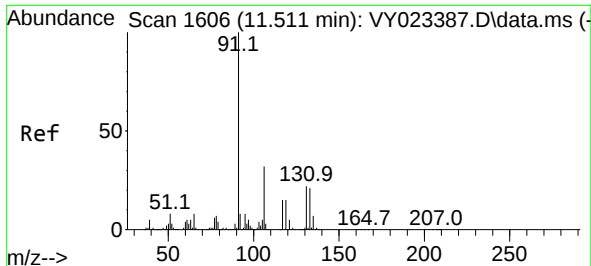
Tgt Ion: 95 Resp: 5286
Ion Ratio Lower Upper
95 100
174 82.6 0.0 192.8
176 68.0 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 117 Resp: 20110
Ion Ratio Lower Upper
117 100
82 49.0 41.0 61.4
119 28.7 25.6 38.4

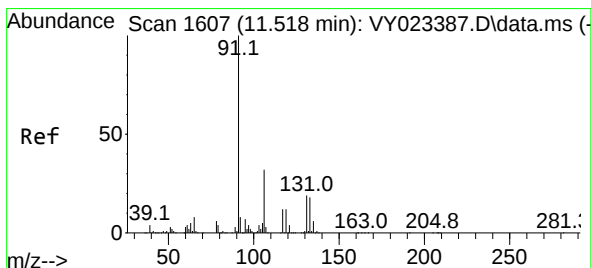
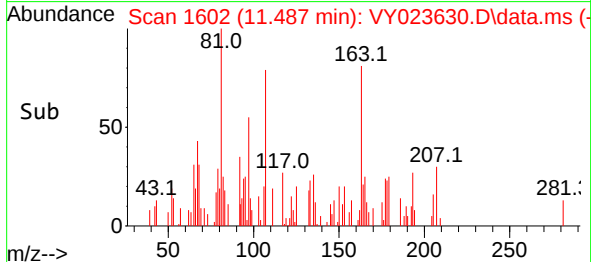
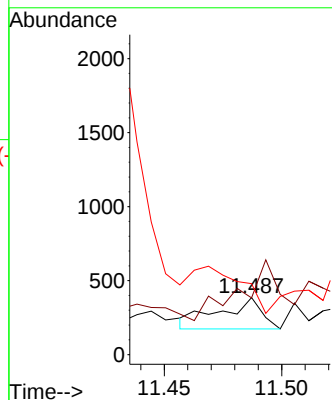
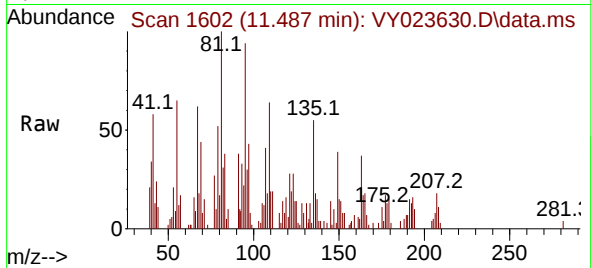




#66
1,1,1,2-Tetrachloroethane
Concen: 1.713 ug/l
RT: 11.487 min Scan# 1602
Delta R.T. -0.024 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

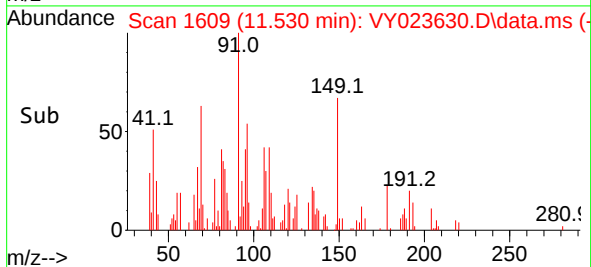
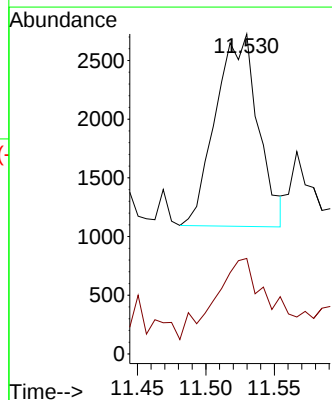
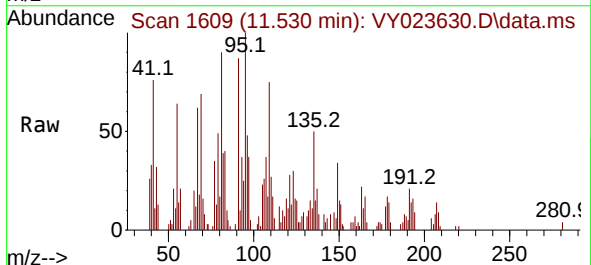
Instrument :
MSVOA_Y
ClientSampleId :

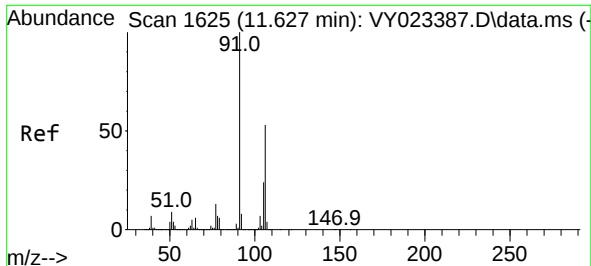
Tgt Ion:131 Resp: 267
Ion Ratio Lower Upper
131 100
133 182.8 48.4 145.2#
119 0.0 32.4 97.2#



#67
Ethyl Benzene
Concen: 4.979 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.012 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 91 Resp: 3525
Ion Ratio Lower Upper
91 100
106 42.3 25.8 38.8#

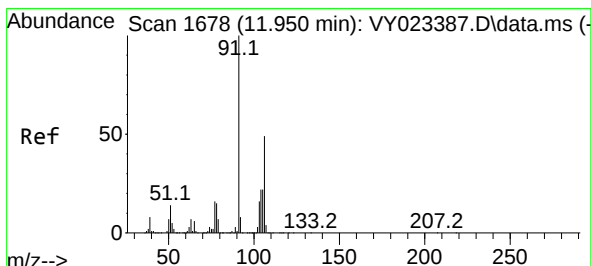
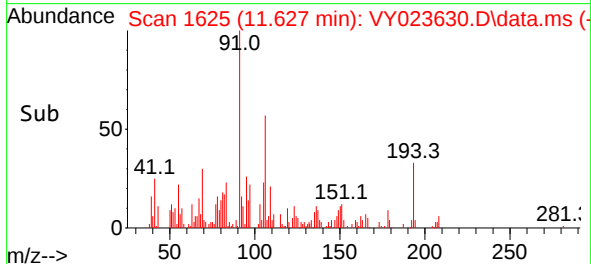
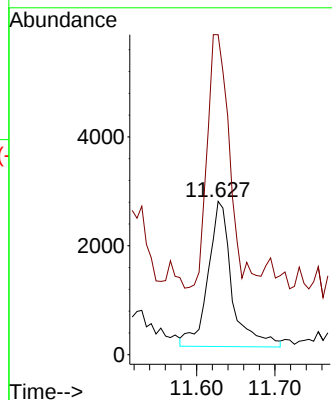
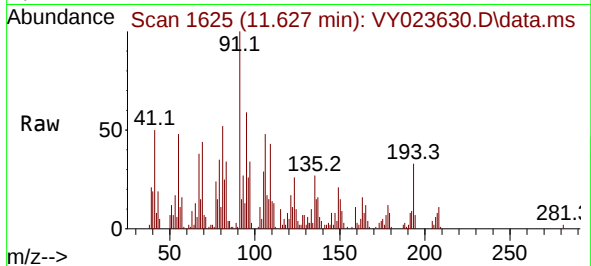




#68
m/p-Xylenes
Concen: 19.984 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

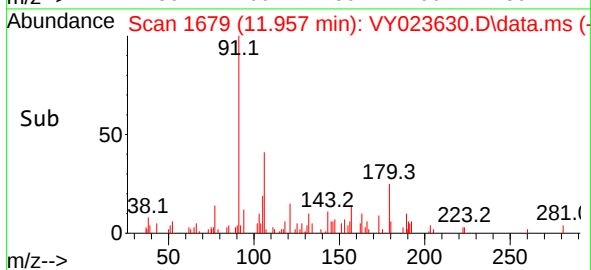
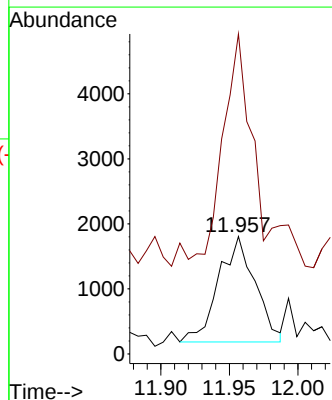
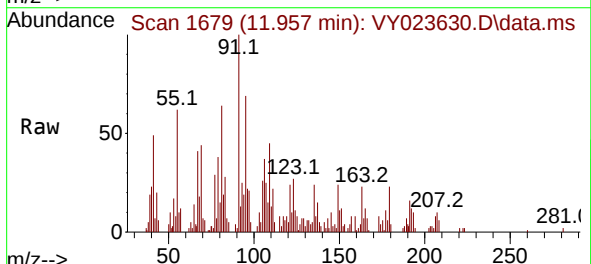
Instrument :
MSVOA_Y
ClientSampleId :

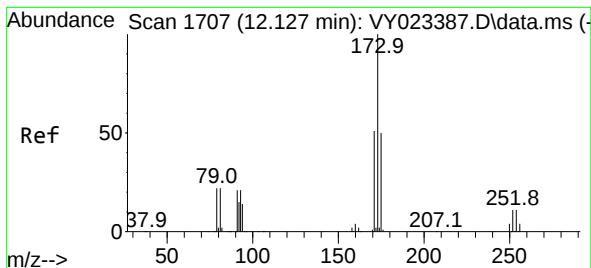
Tgt Ion:106 Resp: 5675
Ion Ratio Lower Upper
106 100
91 177.8 152.6 229.0



#69
o-Xylene
Concen: 11.372 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion:106 Resp: 3029
Ion Ratio Lower Upper
106 100
91 161.6 101.4 304.1





#71

Bromoform

Concen: 1.510 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.012 min

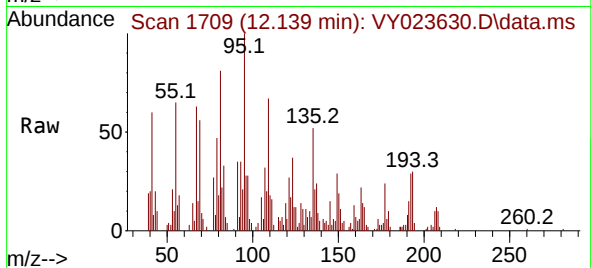
Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

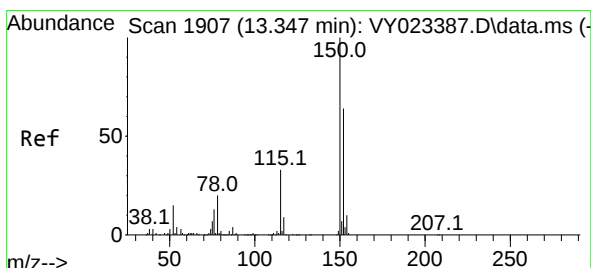
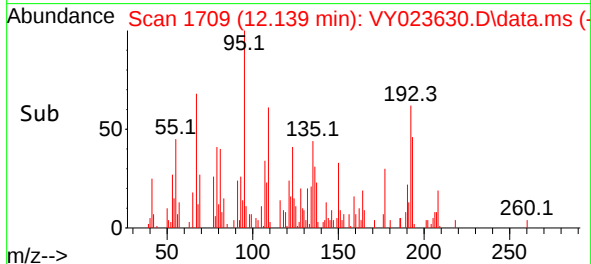
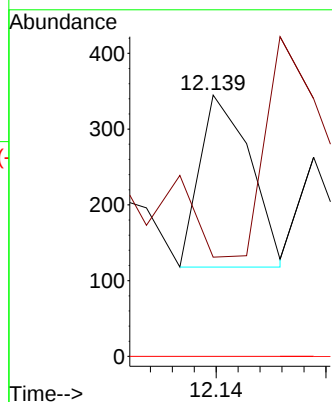
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	146
Ion	Ratio	Lower	Upper
173	100		
175	150.0	24.8	74.3#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

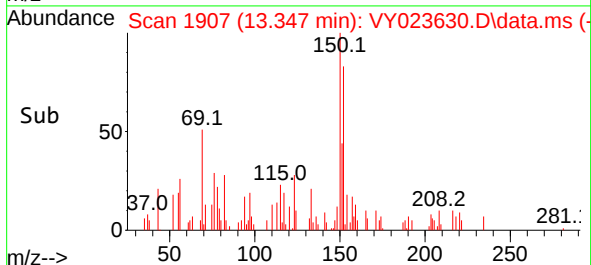
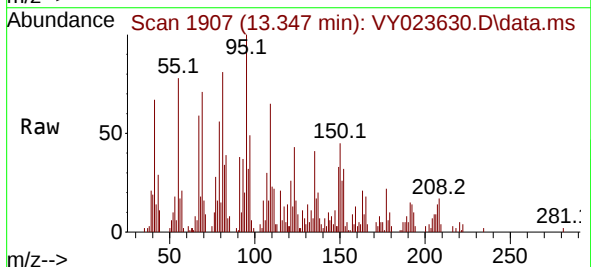
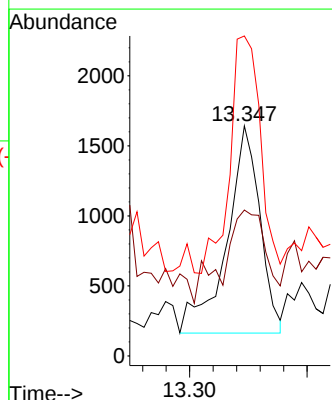
RT: 13.347 min Scan# 1907

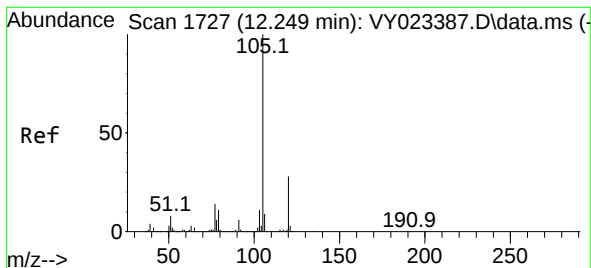
Delta R.T. 0.000 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

Tgt Ion:	152	Resp:	2901
Ion	Ratio	Lower	Upper
152	100		
115	33.3	27.1	81.2
150	105.3	0.0	347.4





#73

Isopropylbenzene

Concen: 1.606 ug/l

RT: 12.371 min Scan# 11

Delta R.T. 0.122 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

Instrument :

MSVOA_Y

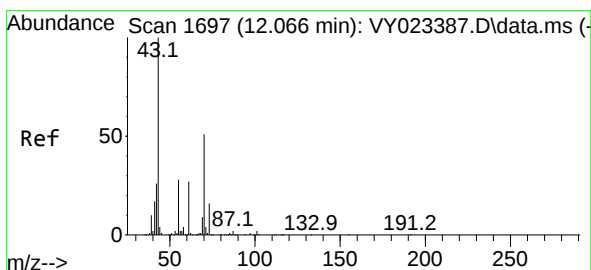
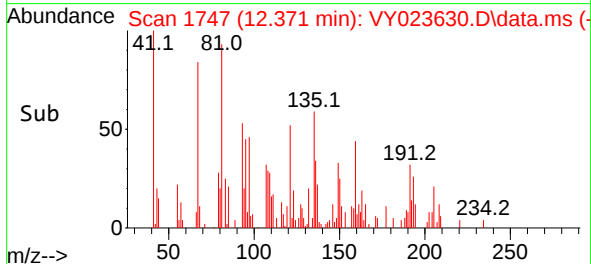
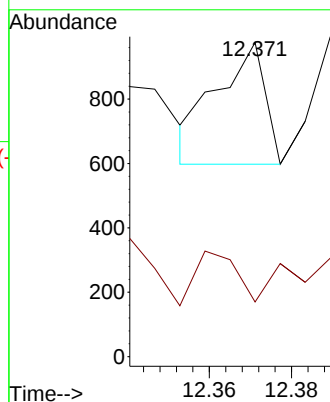
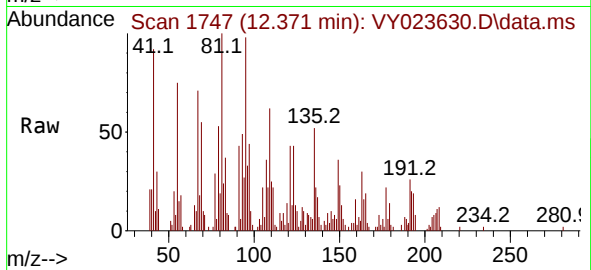
ClientSampleId :

Tgt Ion:105 Resp: 307

Ion Ratio Lower Upper

105 100

120 38.8 13.9 41.7



#74

N-ethyl acetate

Concen: 8.853 ug/l

RT: 12.054 min Scan# 1695

Delta R.T. -0.012 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

Tgt Ion: 43 Resp: 304

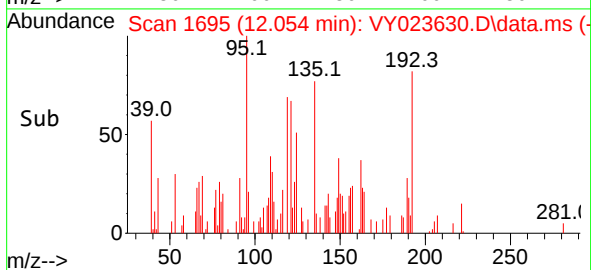
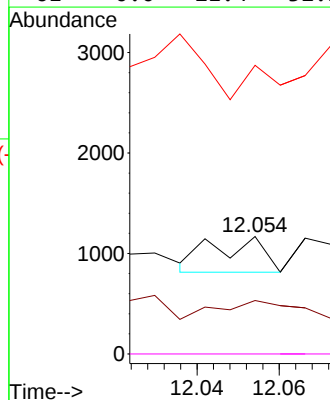
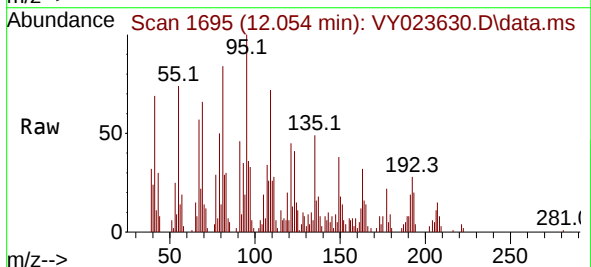
Ion Ratio Lower Upper

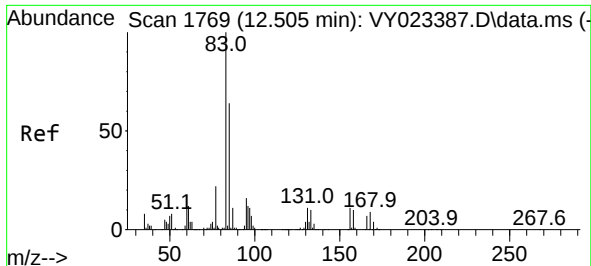
43 100

70 48.4 41.1 61.7

55 0.0 23.0 34.6#

61 0.0 21.4 32.2#

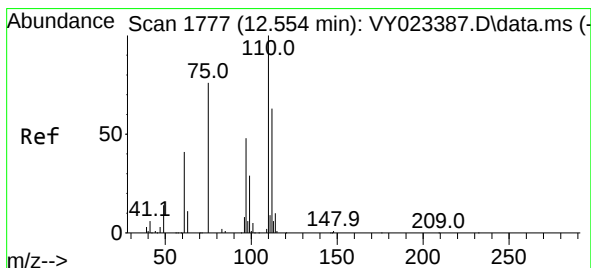
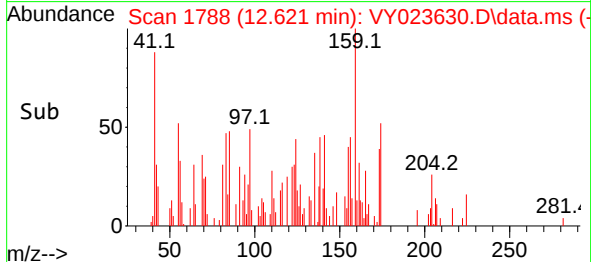
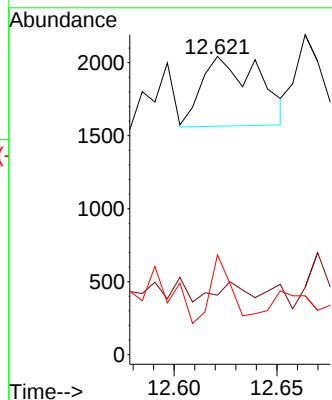
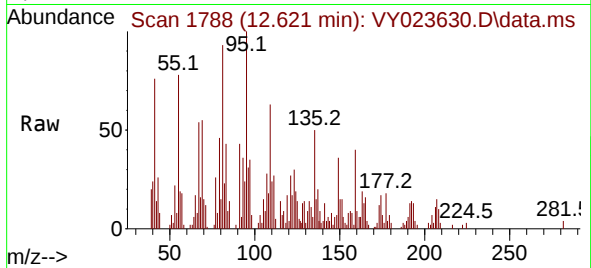




#75
1,1,2,2-Tetrachloroethane
Concen: 29.326 ug/l
RT: 12.621 min Scan# 1788
Delta R.T. 0.116 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

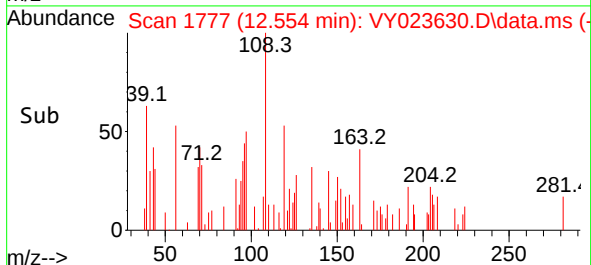
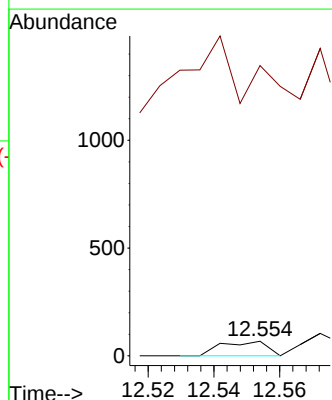
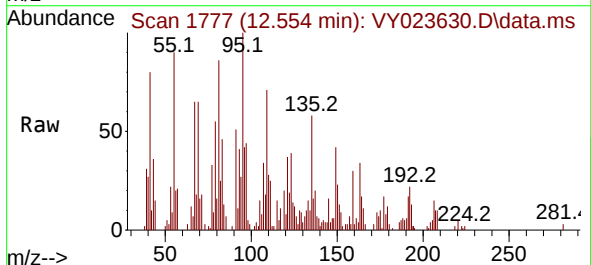
Instrument :
MSVOA_Y
ClientSampleId :

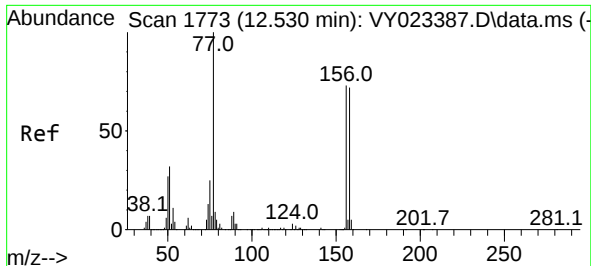
Tgt Ion: 83 Resp: 917
Ion Ratio Lower Upper
83 100
131 6.4 5.9 17.6
85 37.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 2.540 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
77 1636.9 0.0 0.0#

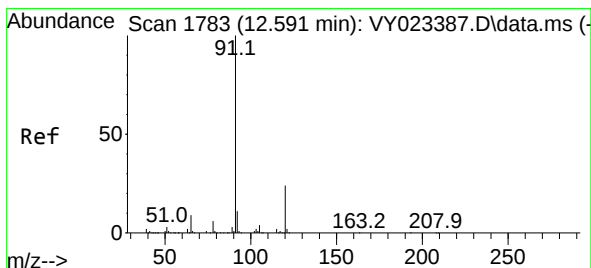
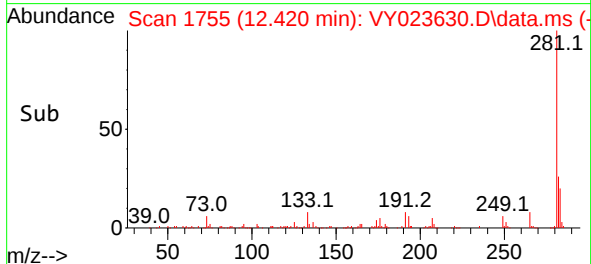
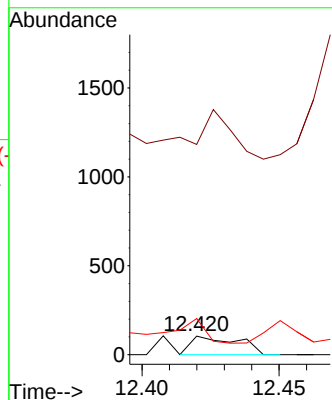
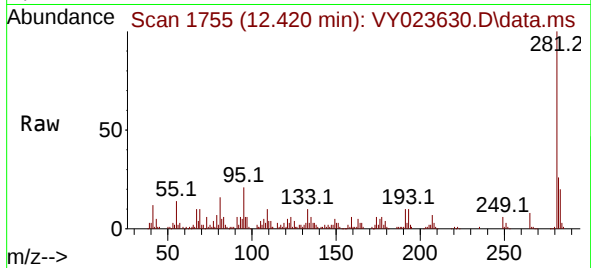




#77
Bromobenzene
Concen: 2.459 ug/l
RT: 12.420 min Scan# 1764
Delta R.T. -0.110 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

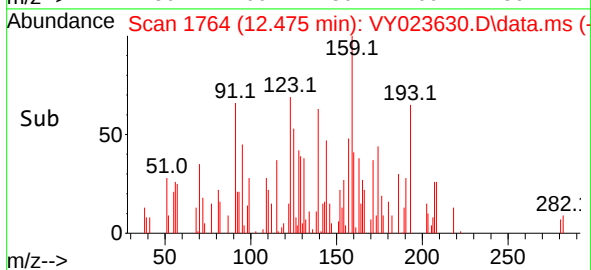
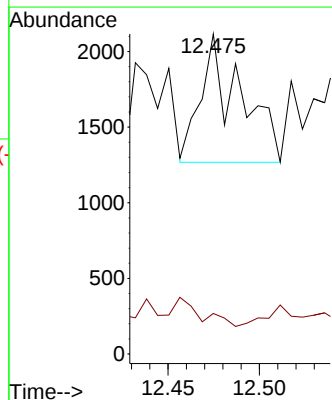
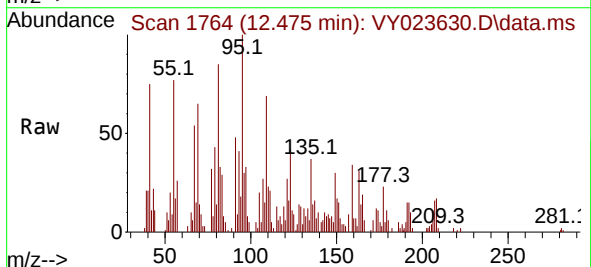
Instrument :
MSVOA_Y
ClientSampleId :

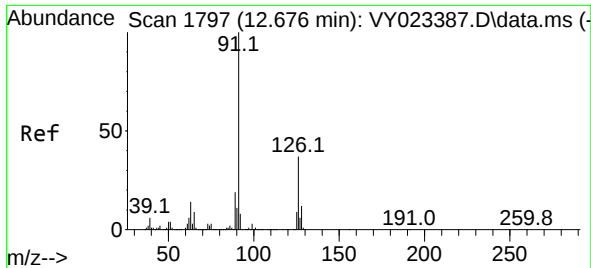
Tgt Ion:156 Resp: 125
Ion Ratio Lower Upper
156 100
77 143.2 76.8 230.5
158 112.8 49.0 147.2



#78
n-propylbenzene
Concen: 5.750 ug/l
RT: 12.475 min Scan# 1764
Delta R.T. -0.116 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 91 Resp: 1272
Ion Ratio Lower Upper
91 100
120 14.4 12.3 36.8

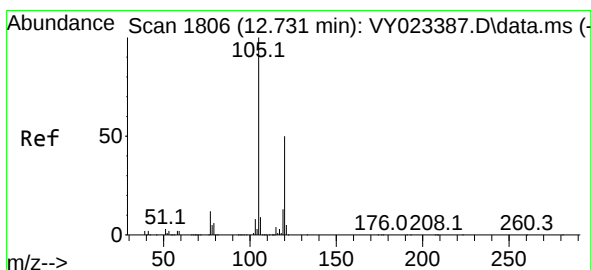
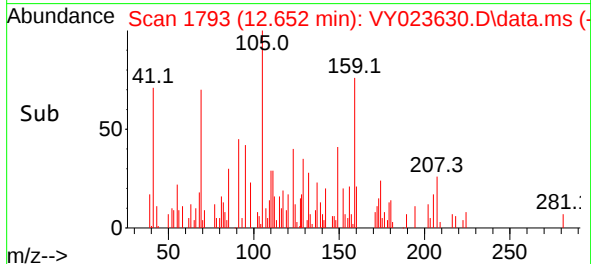
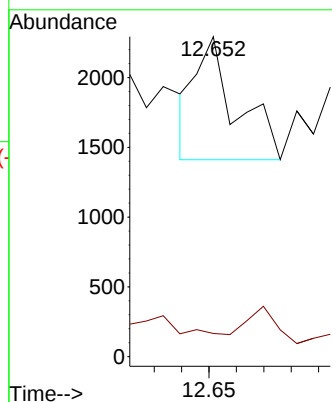
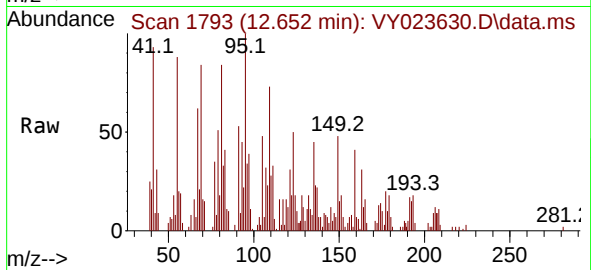




#79
2-Chlorotoluene
Concen: 7.024 ug/l
RT: 12.652 min Scan# 1793
Delta R.T. -0.024 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

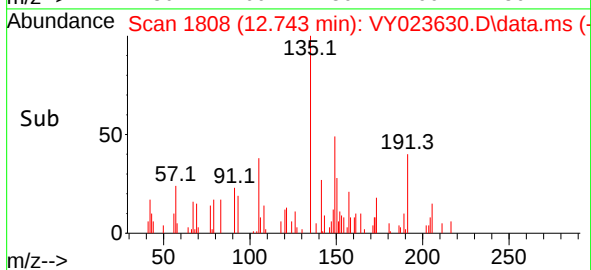
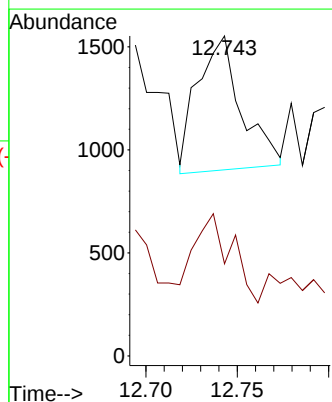
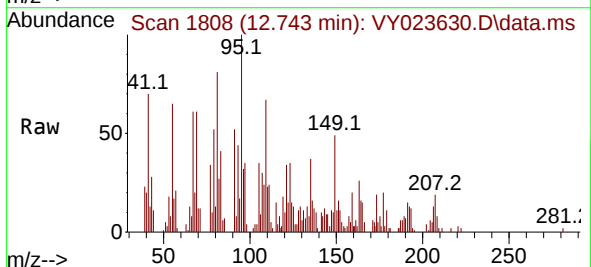
Instrument :
MSVOA_Y
ClientSampleId :

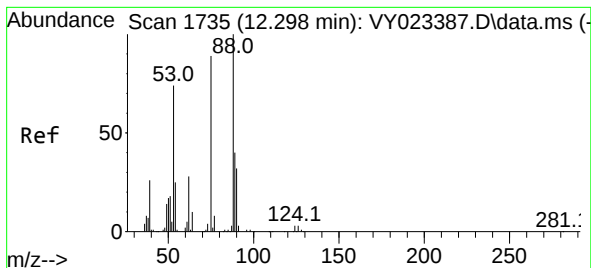
Tgt Ion: 91 Resp: 910
Ion Ratio Lower Upper
91 100
126 28.1 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 7.075 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.012 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 105 Resp: 1093
Ion Ratio Lower Upper
105 100
120 55.2 25.4 76.4

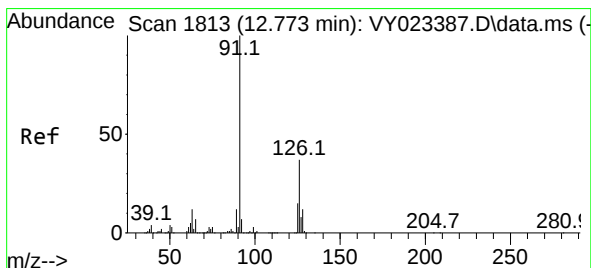
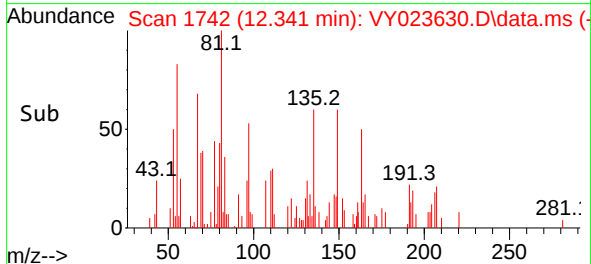
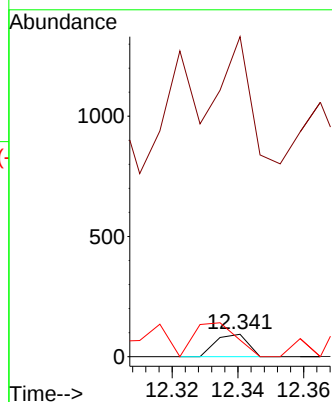
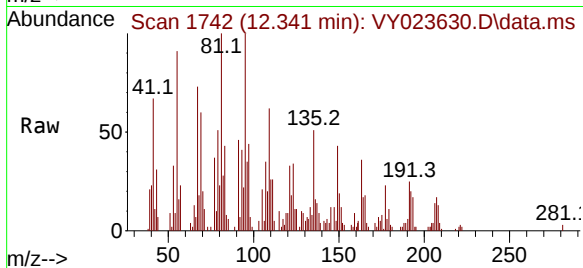




#81
trans-1,4-Dichloro-2-butene
Concen: 6.036 ug/l
RT: 12.341 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

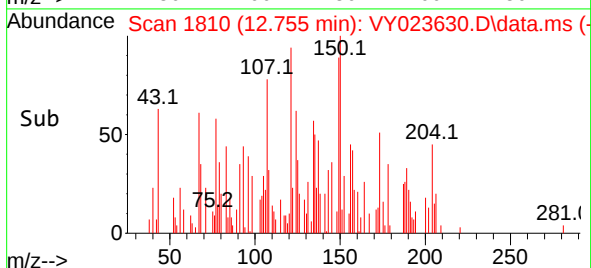
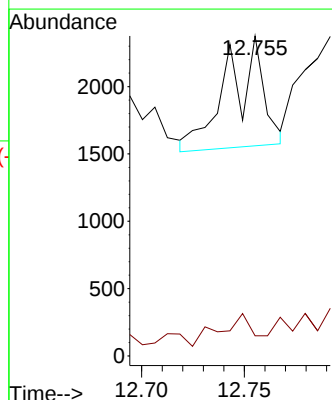
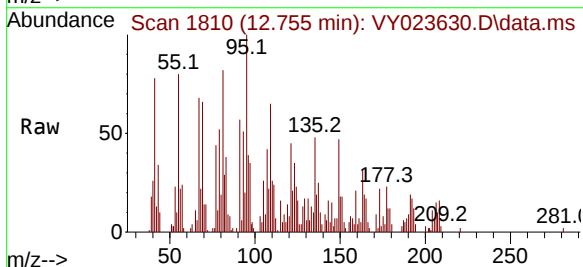
Instrument :
MSVOA_Y
ClientSampleId :

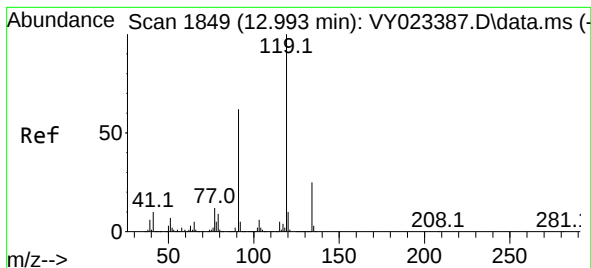
Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
53 0.0 68.6 102.8#
89 200.0 39.0 58.4#



#82
4-Chlorotoluene
Concen: 7.420 ug/l
RT: 12.755 min Scan# 1810
Delta R.T. -0.018 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion: 91 Resp: 990
Ion Ratio Lower Upper
91 100
126 28.4 18.4 55.4





#83

tert-Butylbenzene

Concen: 6.520 ug/l

RT: 12.743 min Scan# 119

Delta R.T. -0.250 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

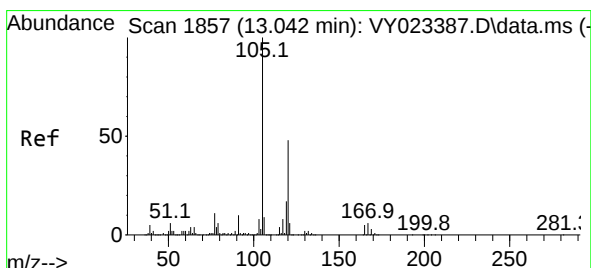
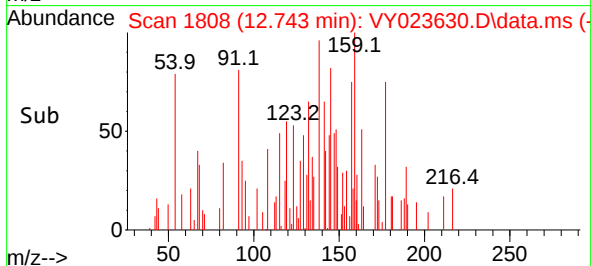
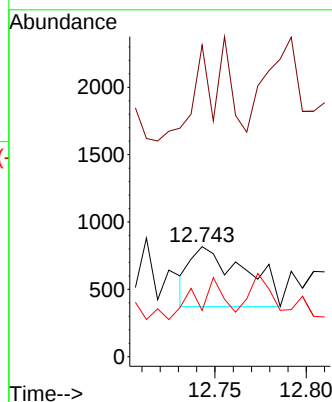
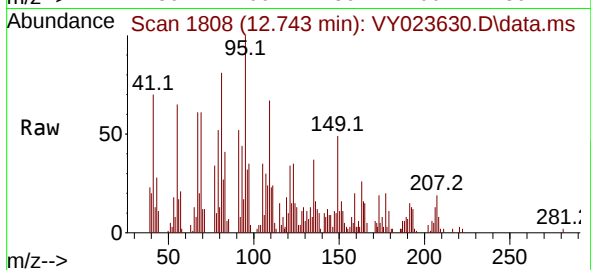
Tgt Ion:119 Resp: 930

Ion Ratio Lower Upper

119 100

91 88.9 29.9 89.8

134 35.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 30.809 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023630.D

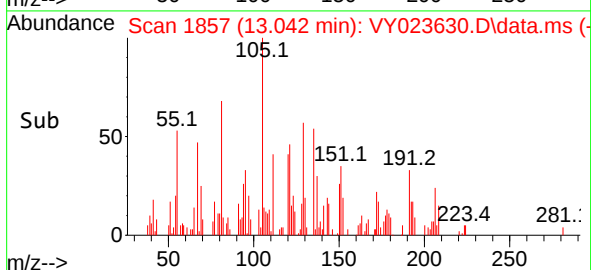
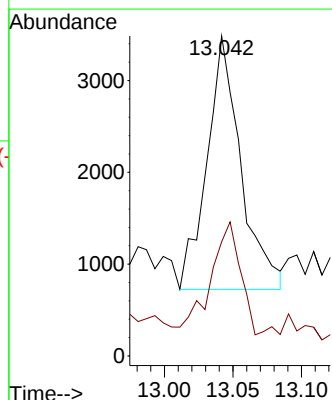
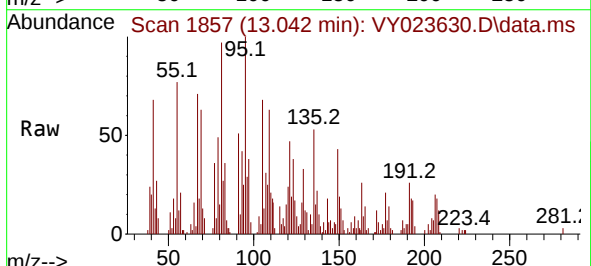
Acq: 30 Oct 2025 14:13

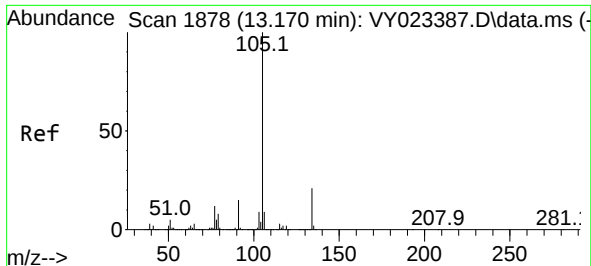
Tgt Ion:105 Resp: 4750

Ion Ratio Lower Upper

105 100

120 36.8 23.8 71.2

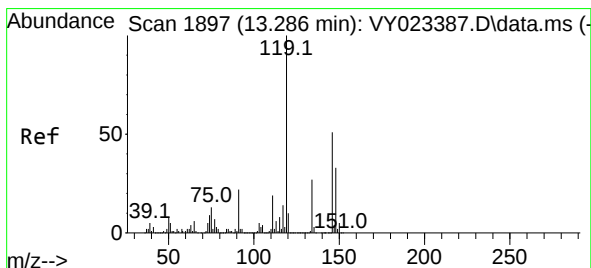
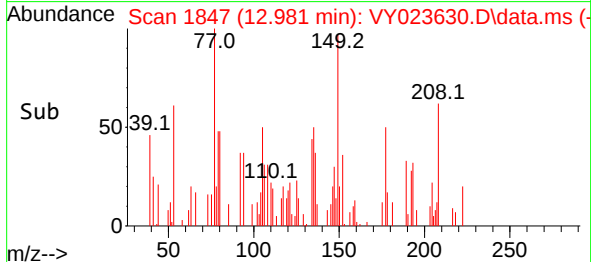
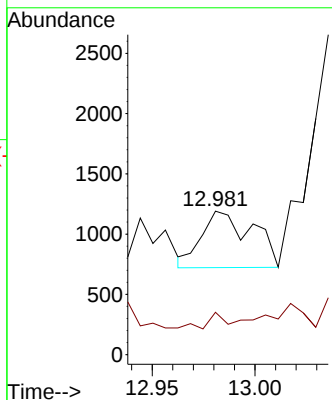
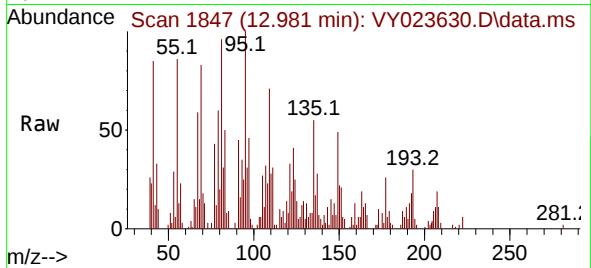




#85
sec-Butylbenzene
Concen: 3.939 ug/l
RT: 12.981 min Scan# 11
Delta R.T. -0.189 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

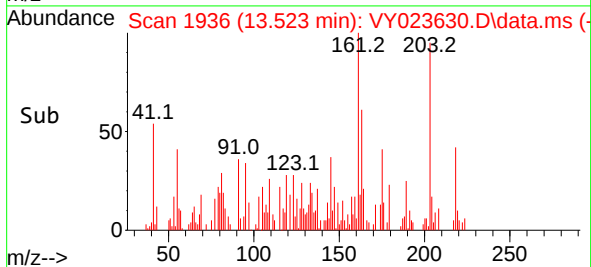
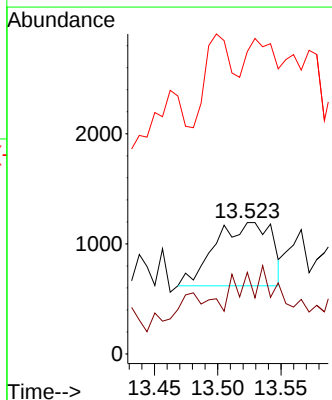
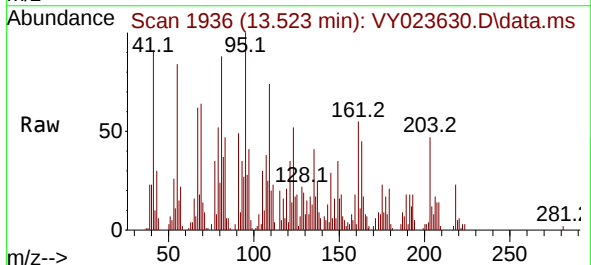
Instrument :
MSVOA_Y
ClientSampleId :

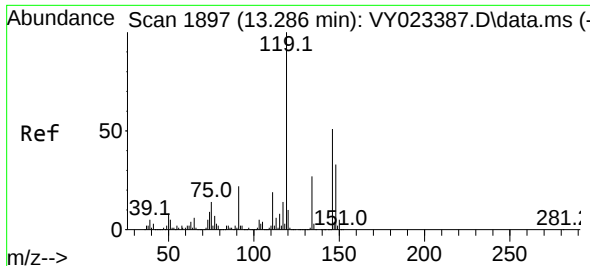
Tgt Ion:105 Resp: 806
Ion Ratio Lower Upper
105 100
134 12.7 10.7 32.1



#86
p-Isopropyltoluene
Concen: 10.298 ug/l
RT: 13.523 min Scan# 1936
Delta R.T. 0.238 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion:119 Resp: 1794
Ion Ratio Lower Upper
119 100
134 19.1 13.6 40.7
91 28.8 10.9 32.9

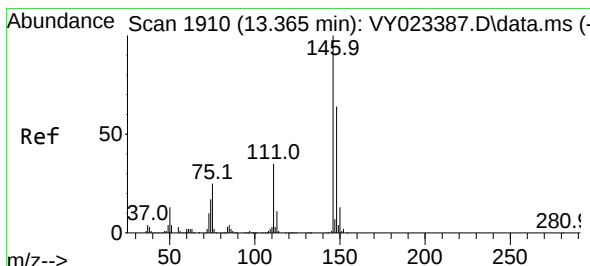
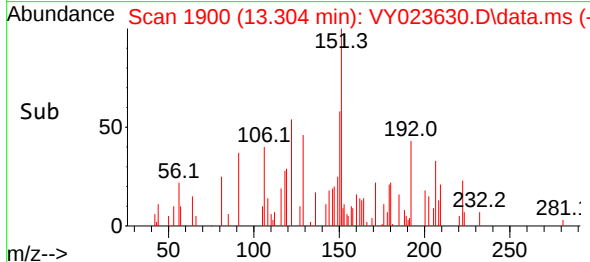
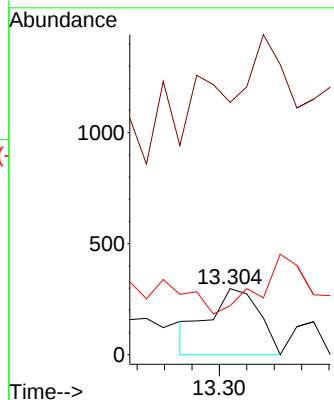
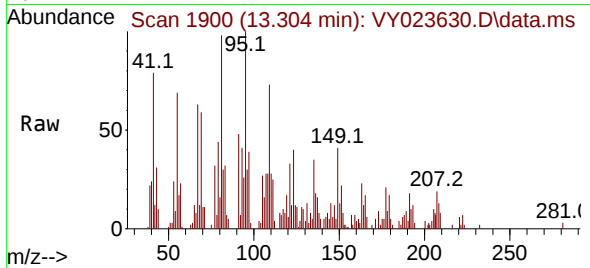




#87
1,3-Dichlorobenzene
Concen: 3.870 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.018 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

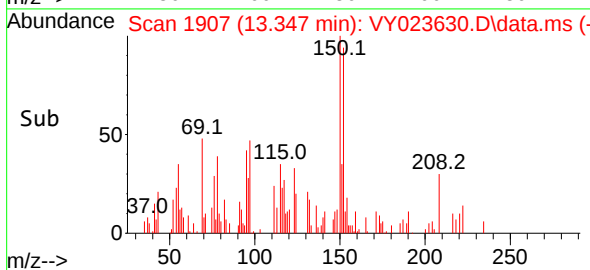
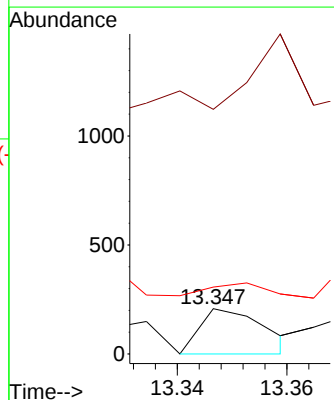
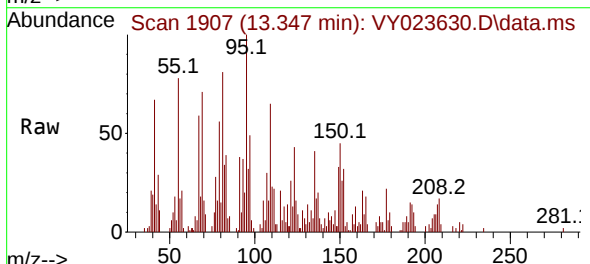
Instrument :
MSVOA_Y
ClientSampleId :

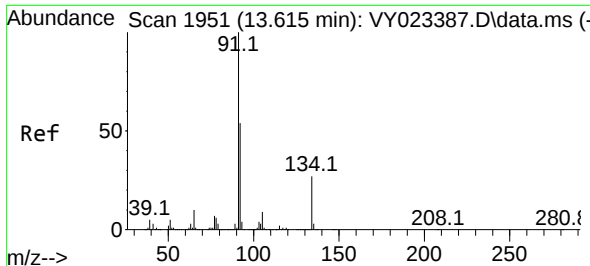
Tgt Ion:146 Resp: 383
Ion Ratio Lower Upper
146 100
111 326.6 18.7 56.1#
148 84.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 1.739 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.018 min
Lab File: VY023630.D
Acq: 30 Oct 2025 14:13

Tgt Ion:146 Resp: 170
Ion Ratio Lower Upper
146 100
111 269.4 18.0 54.0#
148 35.9 31.9 95.7





#89

n-Butylbenzene

Concen: 2.846 ug/l

RT: 13.786 min Scan# 1951

Delta R.T. 0.171 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

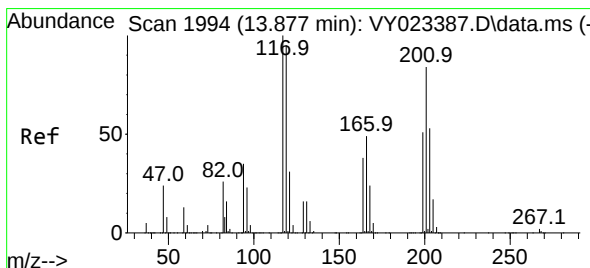
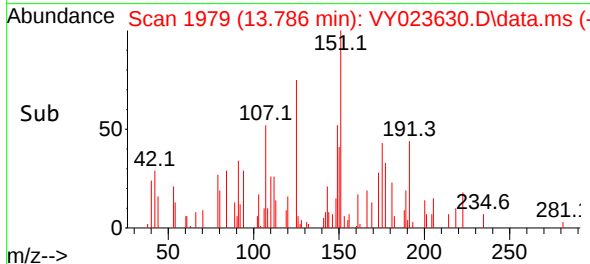
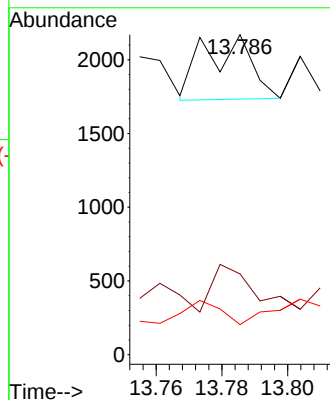
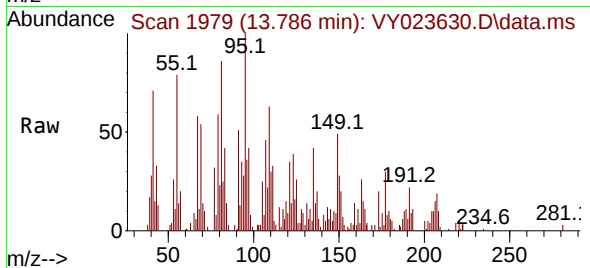
Tgt Ion: 91 Resp: 432

Ion Ratio Lower Upper

91 100

92 66.4 27.0 80.8

134 29.2 14.1 42.2



#90

Hexachloroethane

Concen: 3.843 ug/l

RT: 13.962 min Scan# 2008

Delta R.T. 0.085 min

Lab File: VY023630.D

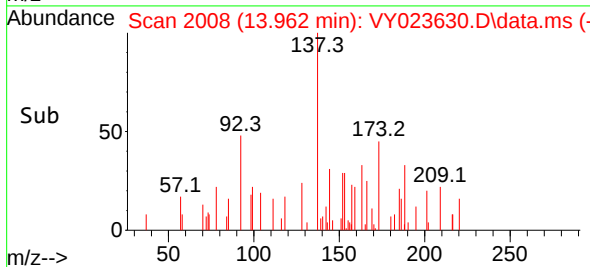
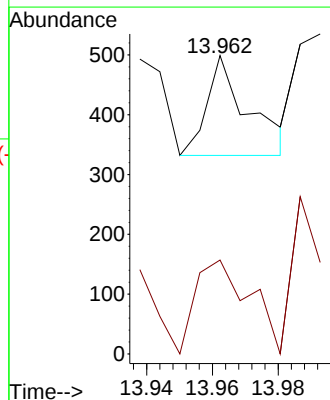
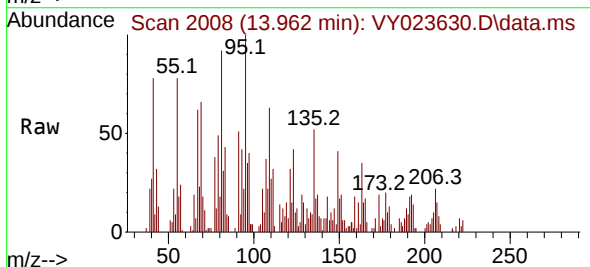
Acq: 30 Oct 2025 14:13

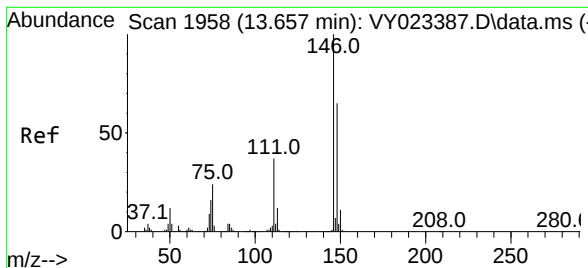
Tgt Ion: 117 Resp: 144

Ion Ratio Lower Upper

117 100

201 124.3 43.8 131.4

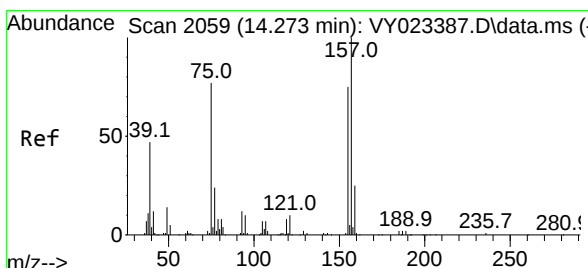
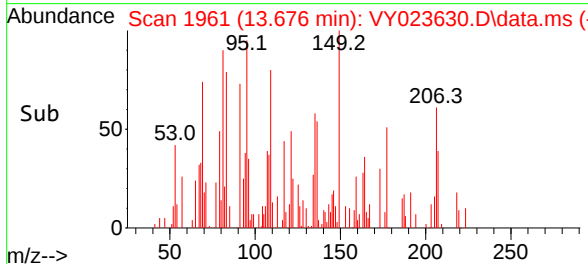
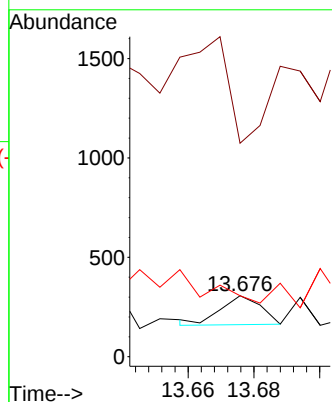
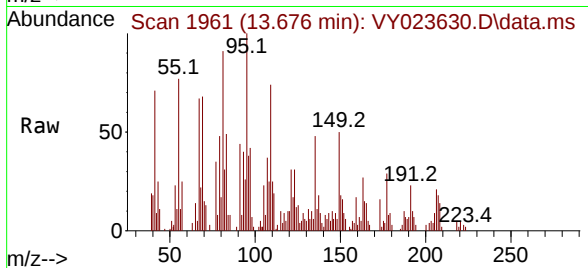




#91
 1,2-Dichlorobenzene
 Concen: 1.394 ug/l
 RT: 13.676 min Scan# 1958
 Delta R.T. 0.018 min
 Lab File: VY023630.D
 Acq: 30 Oct 2025 14:13

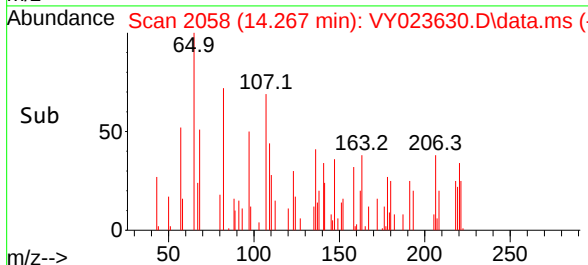
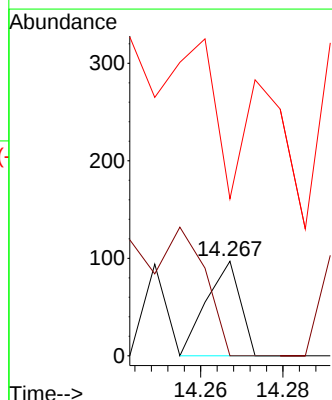
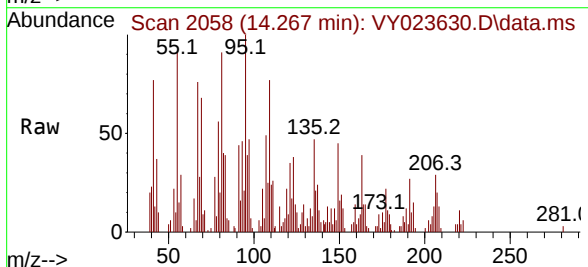
Instrument :
 MSVOA_Y
 ClientSampleId :

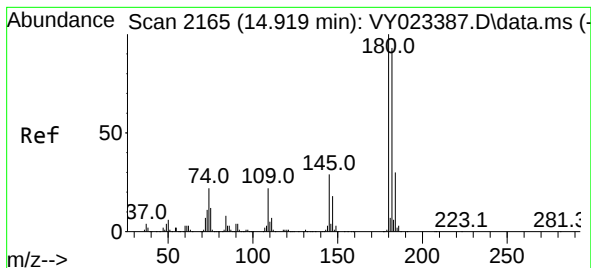
Tgt Ion:146 Resp: 121
 Ion Ratio Lower Upper
 146 100
 111 531.4 19.0 57.0#
 148 0.0 32.1 96.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.915 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY023630.D
 Acq: 30 Oct 2025 14:13

Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.0 150.0#
 157 0.0 63.8 191.5#





#93

1,2,4-Trichlorobenzene

Concen: 4.732 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023630.D

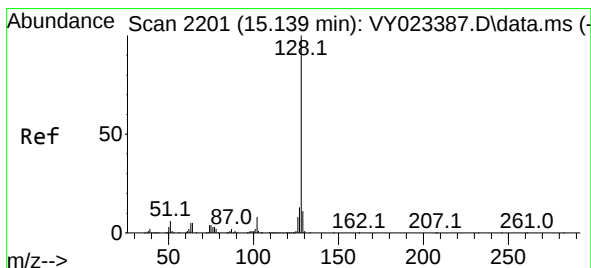
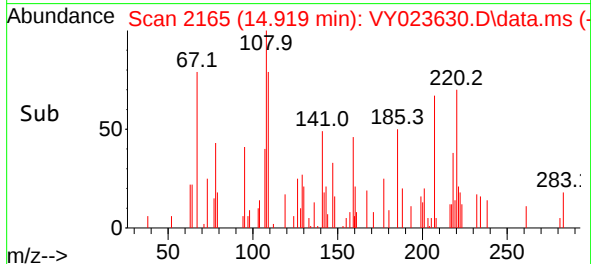
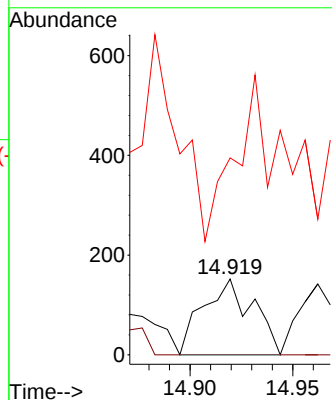
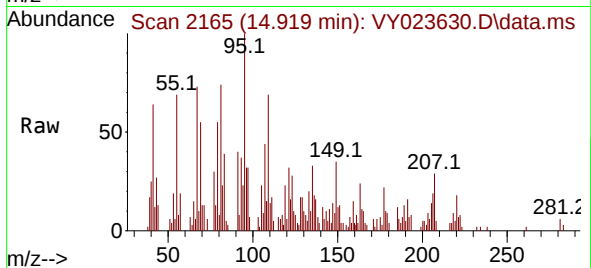
Acq: 30 Oct 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	256
Ion Ratio	Lower	Upper
180	100	
182	0.0	47.9 143.6#
145	212.9	14.7 44.1#



#95

Naphthalene

Concen: 10.808 ug/l

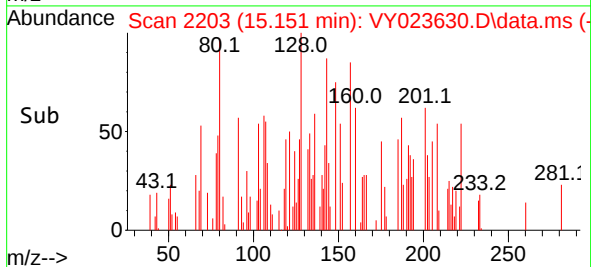
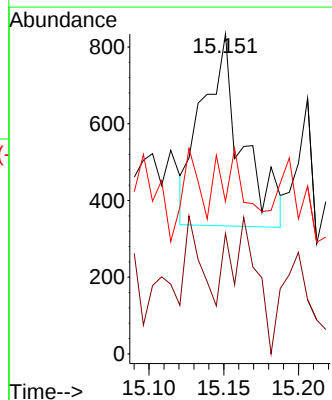
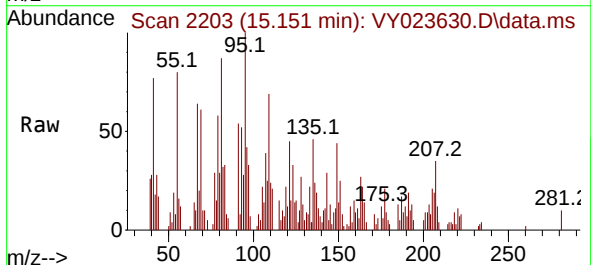
RT: 15.151 min Scan# 2203

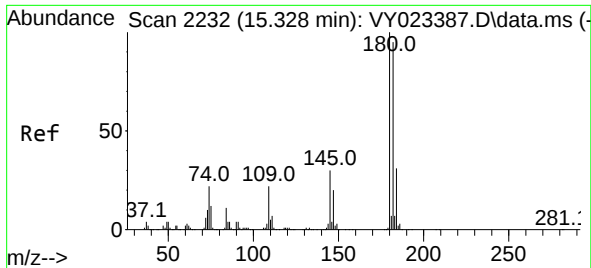
Delta R.T. 0.012 min

Lab File: VY023630.D

Acq: 30 Oct 2025 14:13

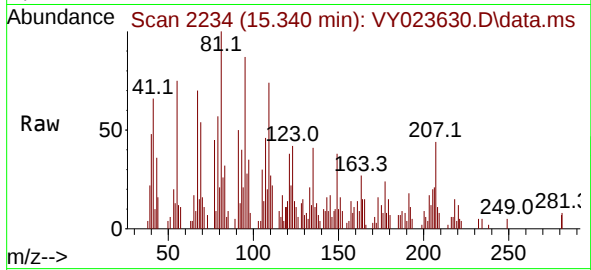
Tgt Ion:128	Resp:	931
Ion Ratio	Lower	Upper
128	100	
127	50.1	10.4 15.6#
129	19.5	8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.137 ug/l
 RT: 15.340 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY023630.D
 Acq: 30 Oct 2025 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 147
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.8#
 145 112.2 15.3 45.9#

