

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045827.D
 Acq On : 17 Apr 2025 14:46
 Operator : JC/MD
 Sample : Q1818-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 03:39:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

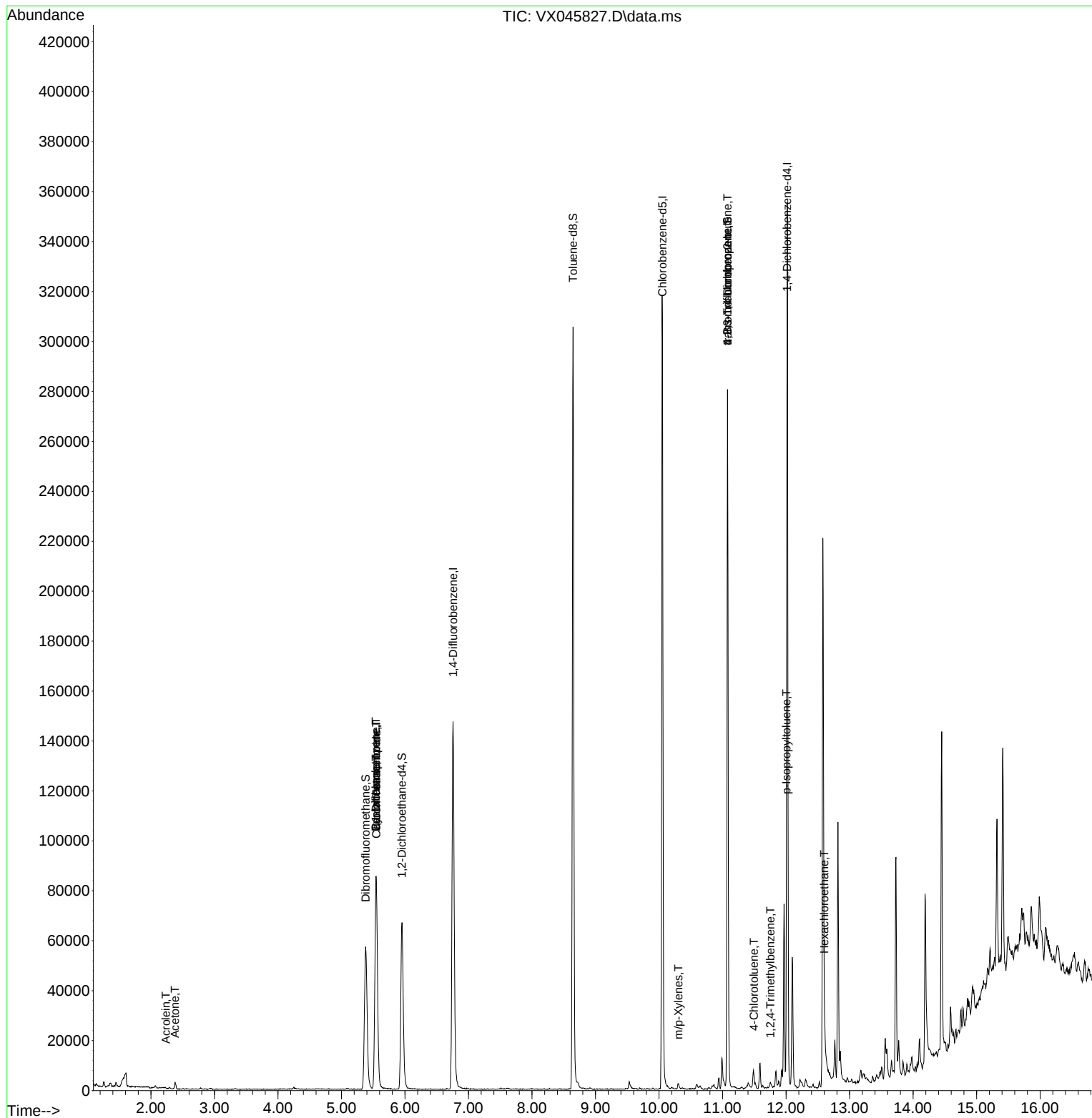
Internal Standards						
1) Pentafluorobenzene	5.544	168	73168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68993	51.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.120%
35) Dibromofluoromethane	5.379	113	50169	49.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.260%
50) Toluene-d8	8.647	98	178251	50.524	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	11.079	95	71053	55.290	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.580%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	152	0.614	ug/l #	68
16) Acetone	2.380	43	2628	4.783	ug/l	96
31) Cyclohexane	5.544	56	2056	1.253	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	6870	5.034	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8628	5.850	ug/l #	15
68) m/p-Xylenes	10.305	106	665	0.357	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	40727	26.905	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40727	91.312	ug/l #	1
82) 4-Chlorotoluene	11.494	91	885	0.217	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.756	105	1254	0.304	ug/l	88
86) p-Isopropyltoluene	12.006	119	5295	1.285	ug/l #	84
90) Hexachloroethane	12.603	117	452	0.638	ug/l #	19

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

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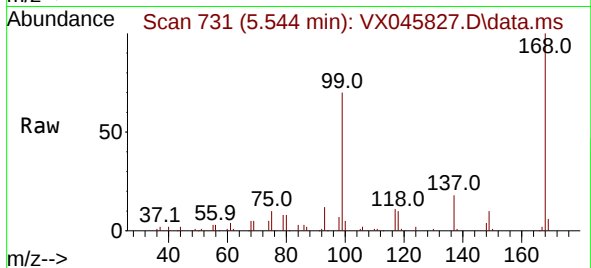
Quant Time: Apr 18 03:39:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



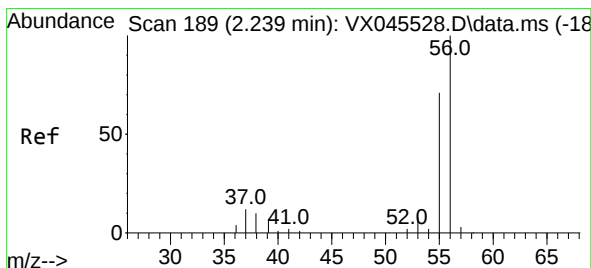
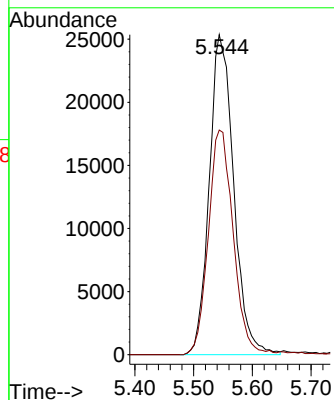
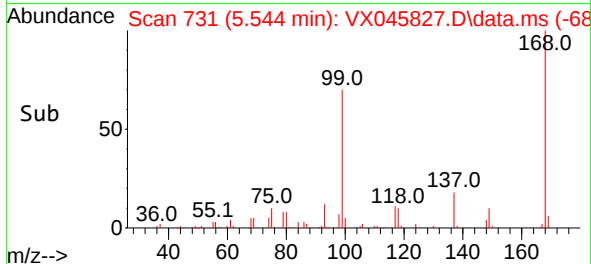


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :

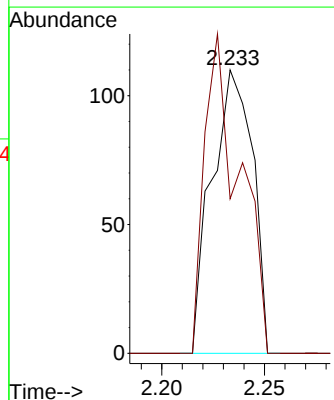
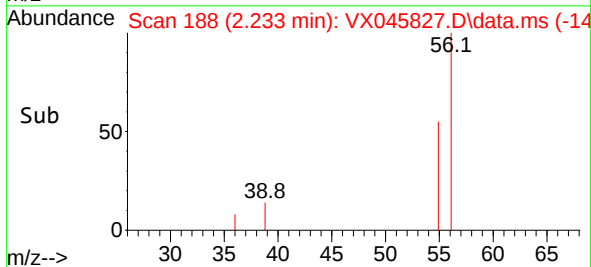
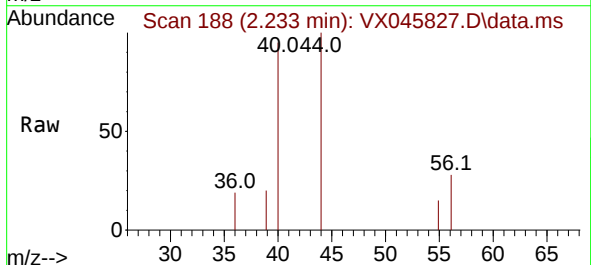


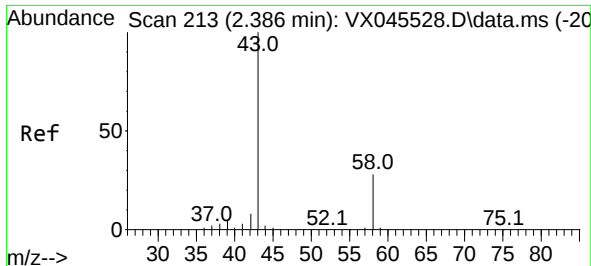
Tgt Ion:168 Resp: 73168
Ion Ratio Lower Upper
168 100
99 70.2 52.3 78.5



#13
Acrolein
Concen: 0.614 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 56 Resp: 152
Ion Ratio Lower Upper
56 100
55 96.7 56.2 84.2#

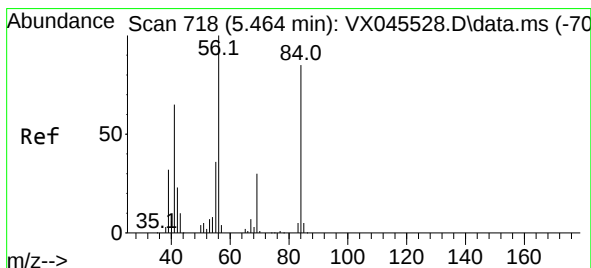
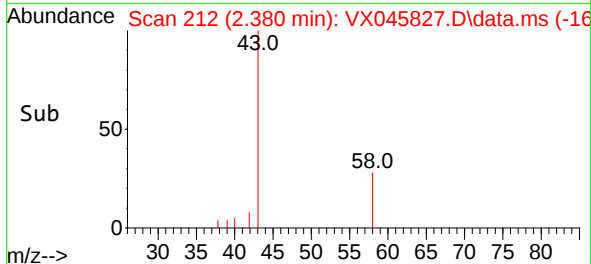
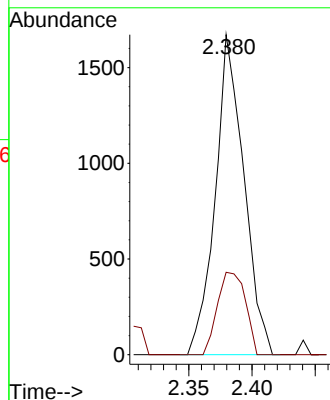
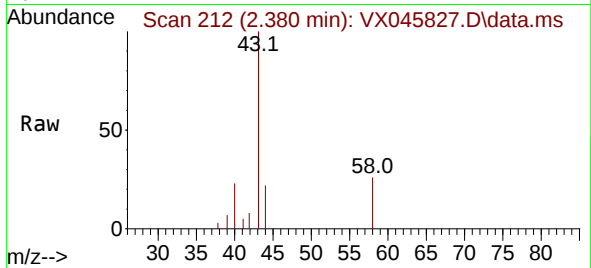




#16
Acetone
Concen: 4.783 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

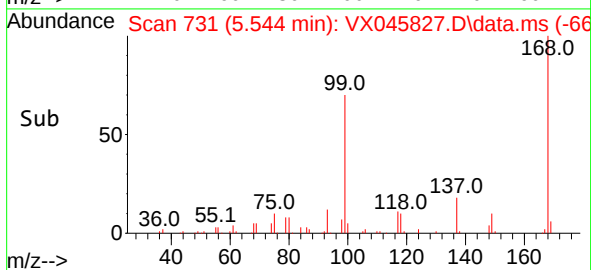
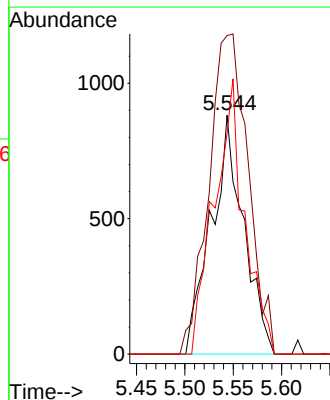
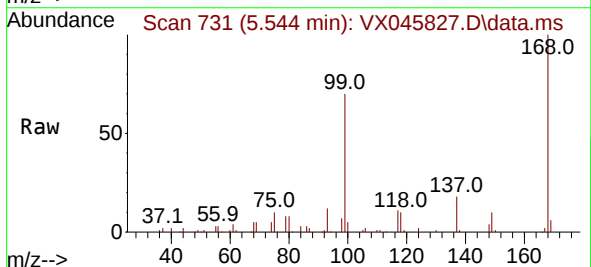
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2628
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 133.3 23.6 35.4#
84 92.4 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 51.562 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045827.D

Acq: 17 Apr 2025 14:46

Instrument :

MSVOA_X

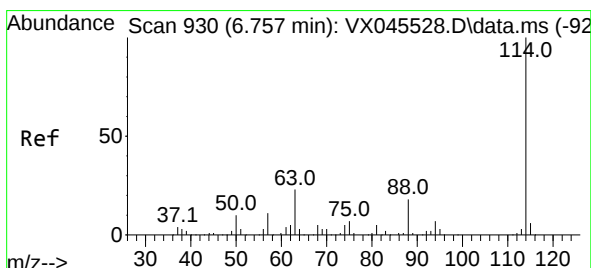
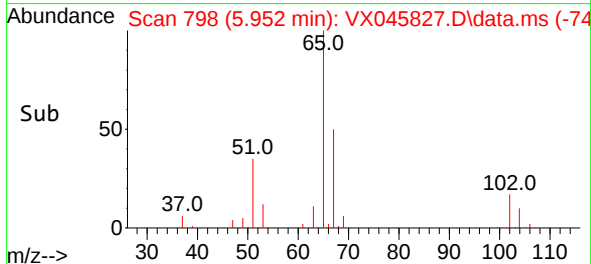
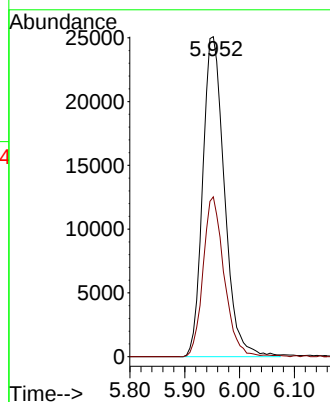
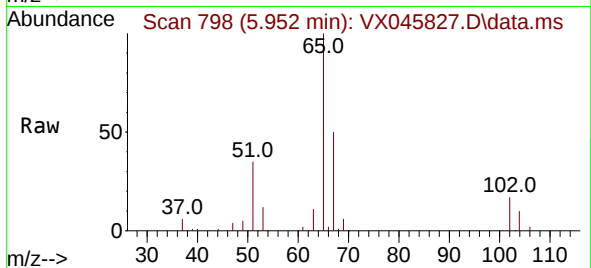
ClientSampleId :

Tgt Ion: 65 Resp: 68993

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045827.D

Acq: 17 Apr 2025 14:46

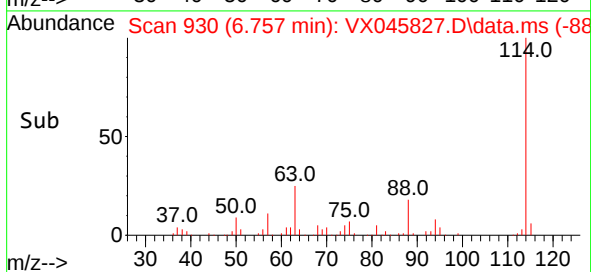
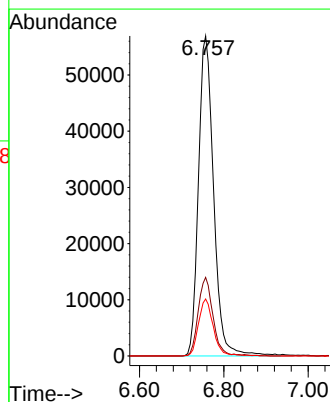
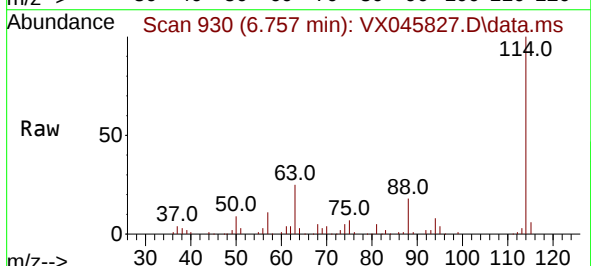
Tgt Ion: 114 Resp: 142465

Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.8

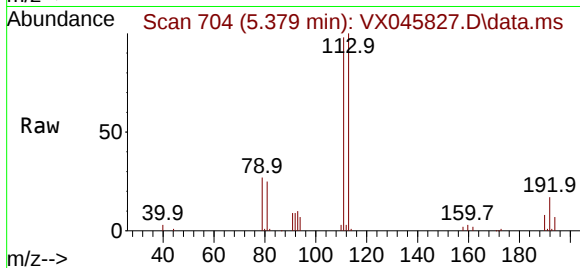
88 17.8 0.0 35.4



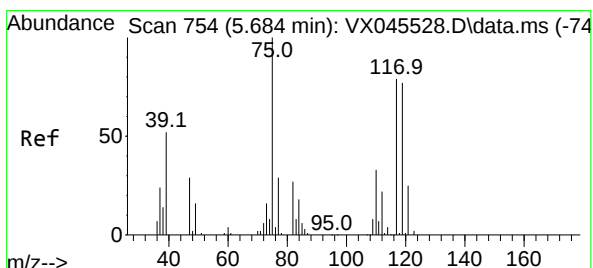
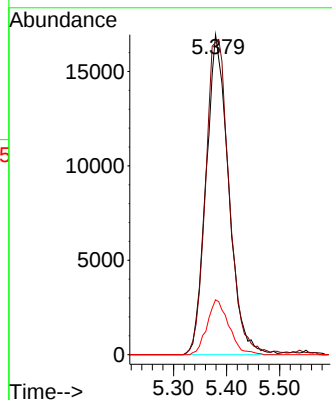
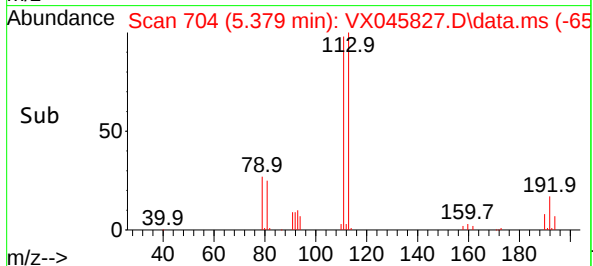


#35
Dibromofluoromethane
Concen: 49.633 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :

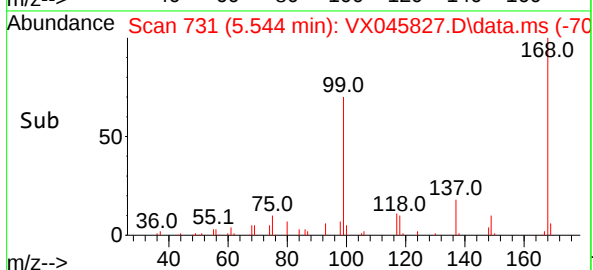
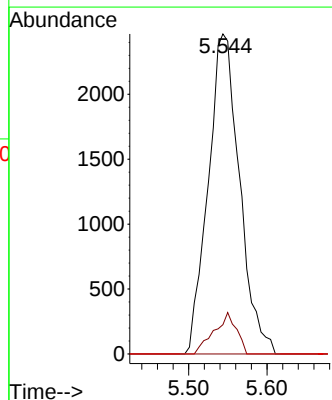
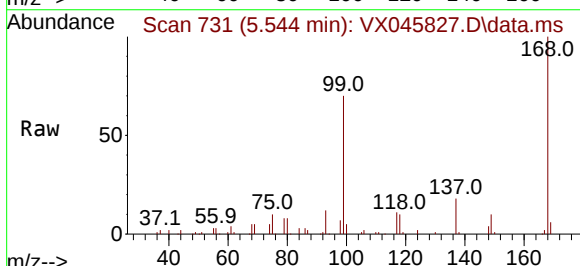


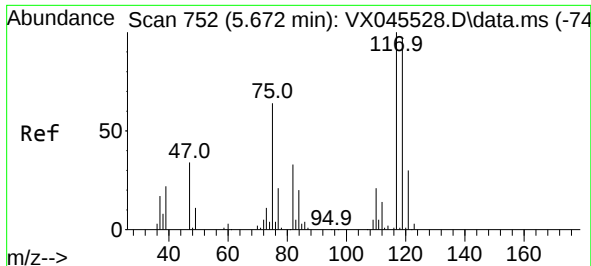
Tgt Ion:113 Resp: 50169
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.5 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.034 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

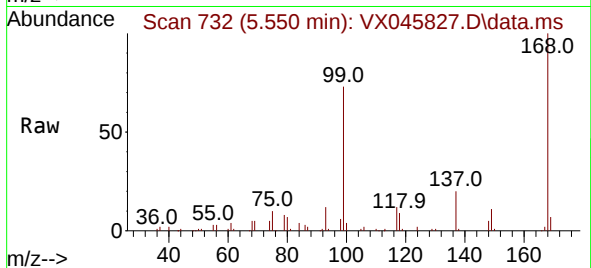
Tgt Ion: 75 Resp: 6870
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.6#
77 0.0 25.0 37.4#



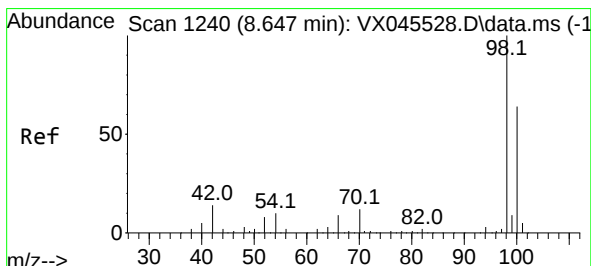
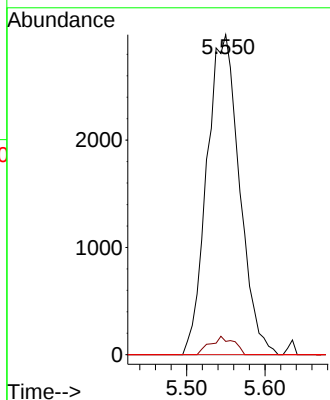
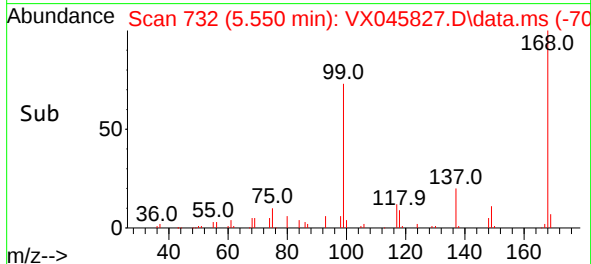


#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :

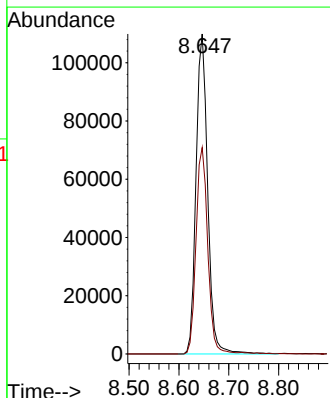
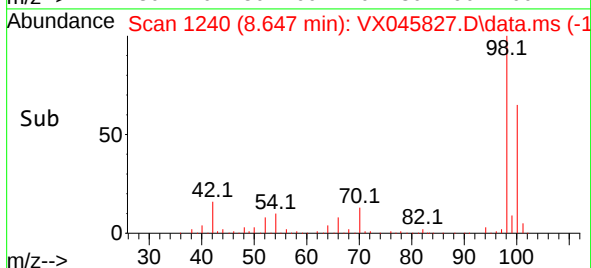
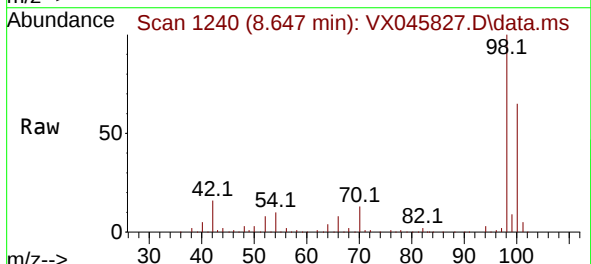


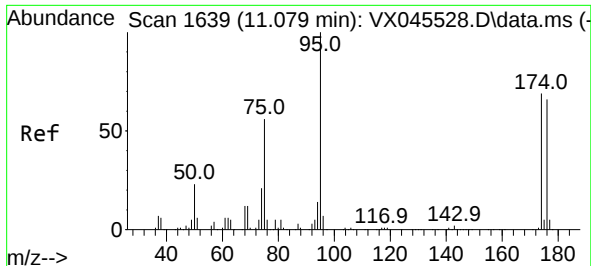
Tgt Ion:117 Resp: 8628
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.524 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 98 Resp: 178251
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4

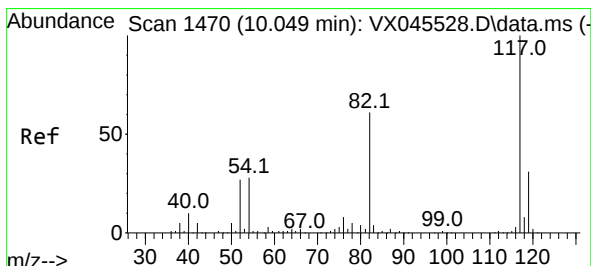
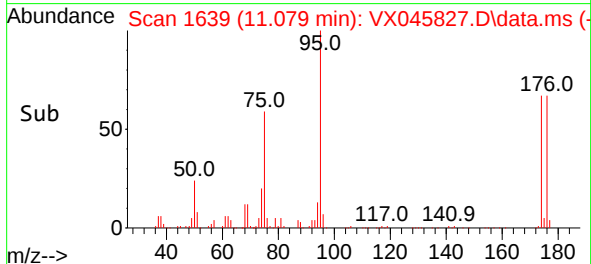
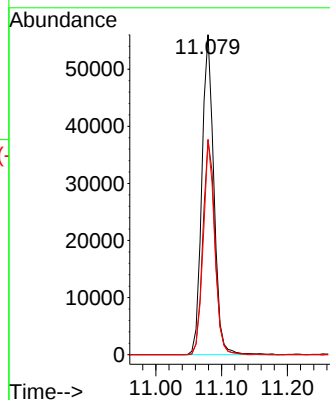
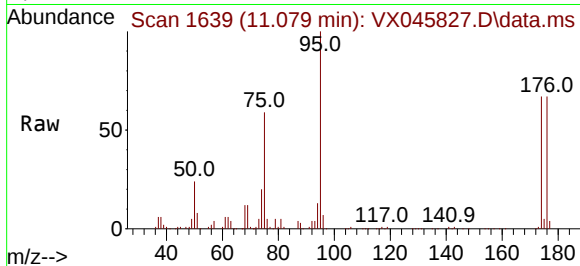




#62
4-Bromofluorobenzene
Concen: 55.290 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

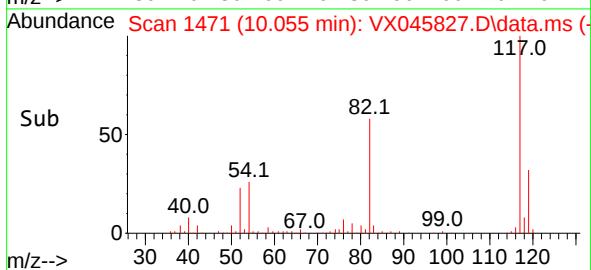
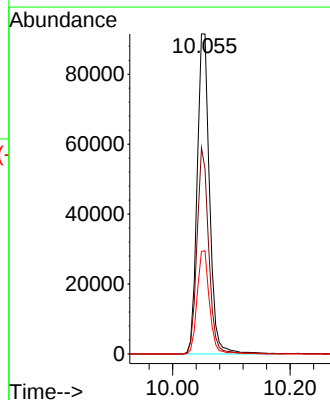
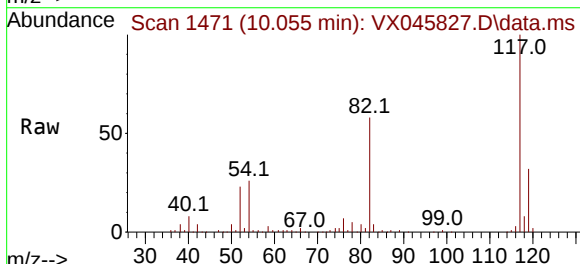
Instrument :
MSVOA_X
ClientSampleId :

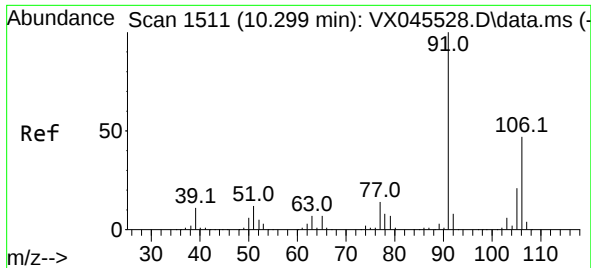
Tgt Ion: 95 Resp: 71053
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 63.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 117 Resp: 133976
Ion Ratio Lower Upper
117 100
82 57.9 49.2 73.8
119 32.3 25.1 37.7

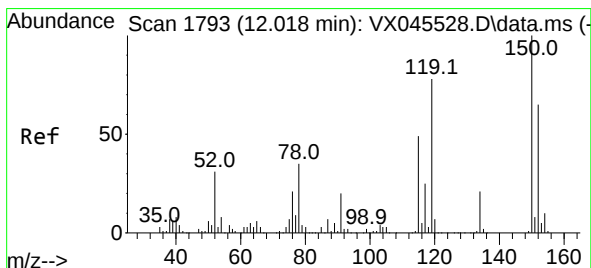
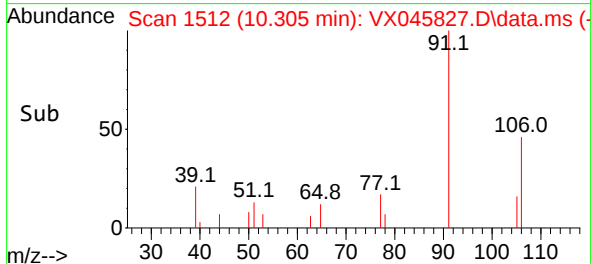
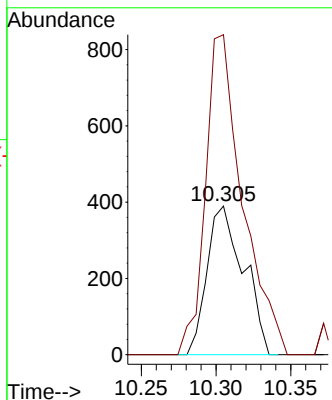
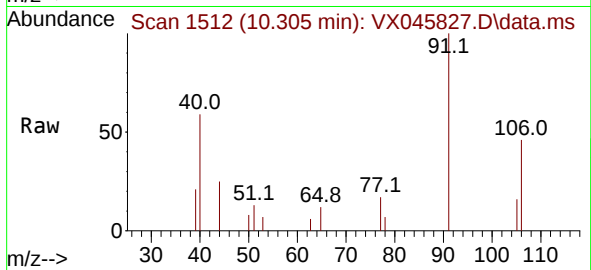




#68
m/p-Xylenes
Concen: 0.357 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

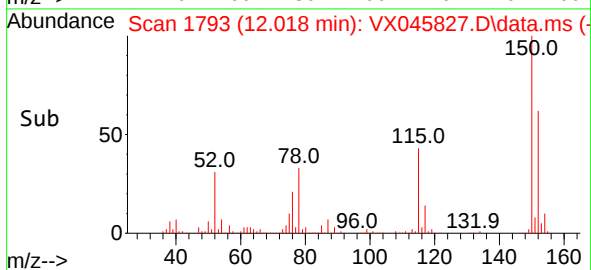
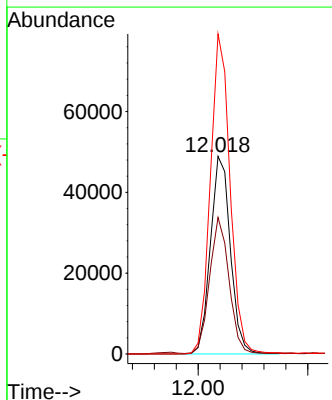
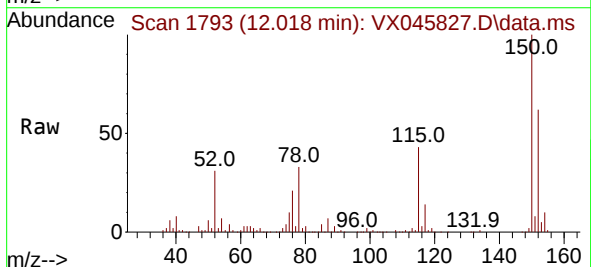
Instrument :
MSVOA_X
ClientSampleId :

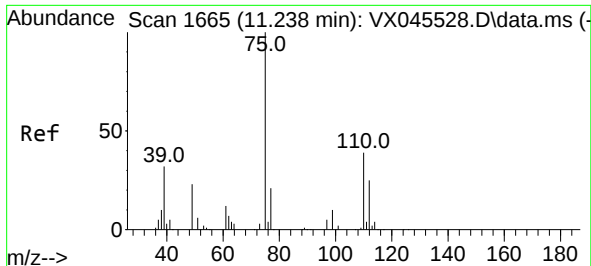
Tgt Ion:106 Resp: 665
Ion Ratio Lower Upper
106 100
91 217.9 172.6 258.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion:152 Resp: 62058
Ion Ratio Lower Upper
152 100
115 66.6 46.9 140.7
150 159.3 0.0 349.4

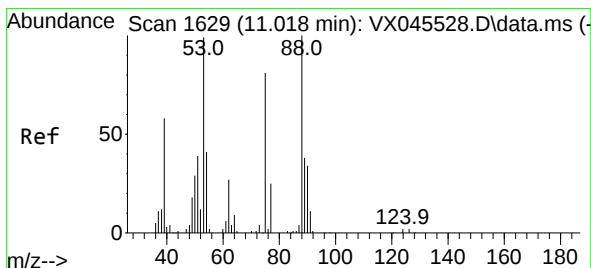
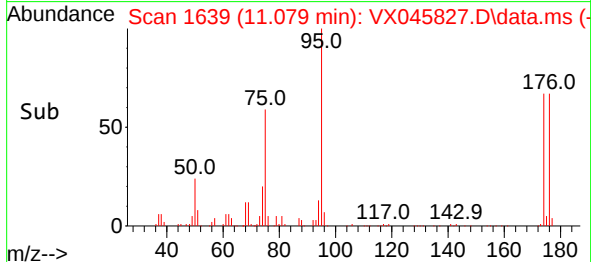
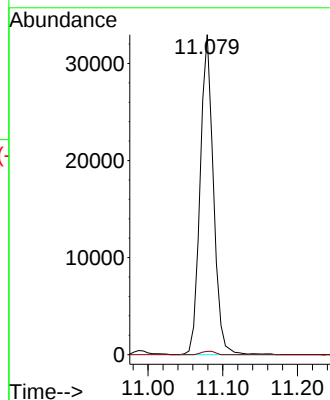
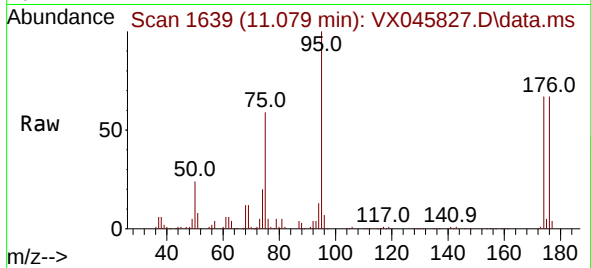




#76
1,2,3-Trichloropropane
Concen: 26.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

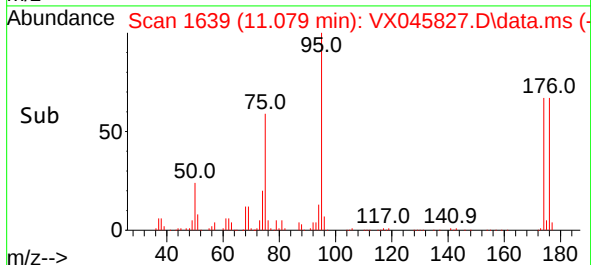
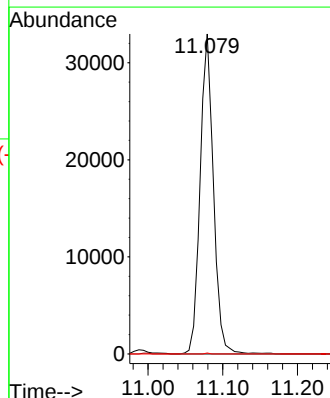
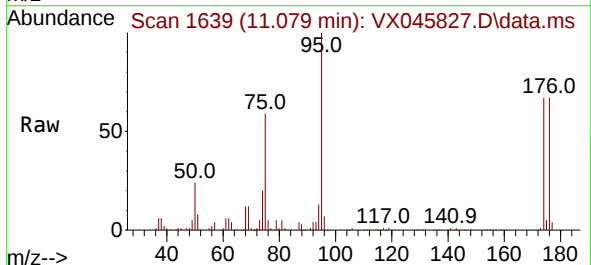
Instrument :
MSVOA_X
ClientSampleId :

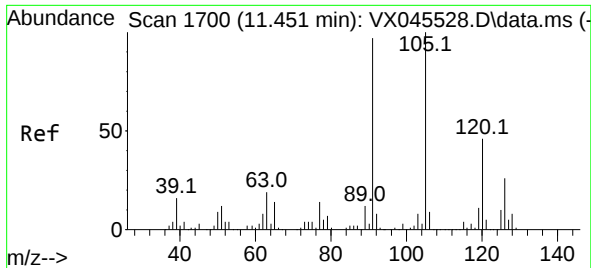
Tgt Ion: 75 Resp: 40727
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.312 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 75 Resp: 40727
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 37.2 55.8#

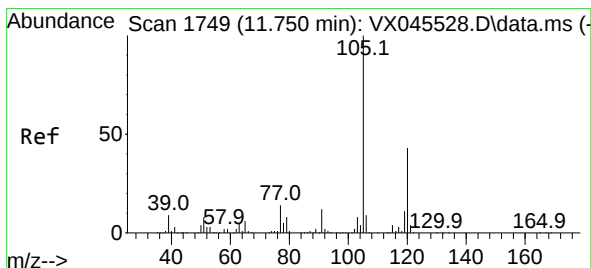
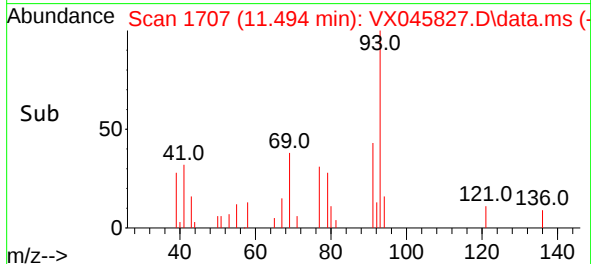
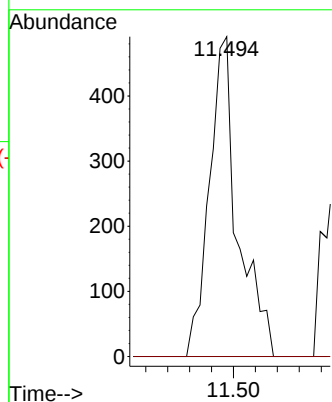
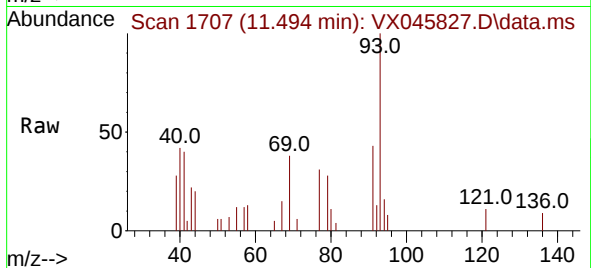




#82
4-Chlorotoluene
Concen: 0.217 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. 0.043 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

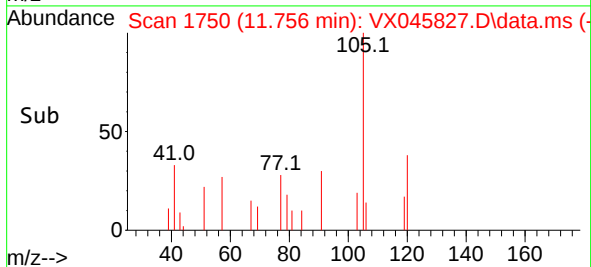
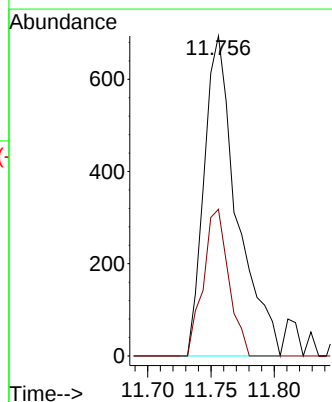
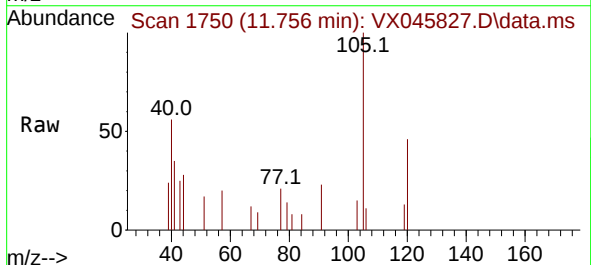
Instrument :
MSVOA_X
ClientSampleId :

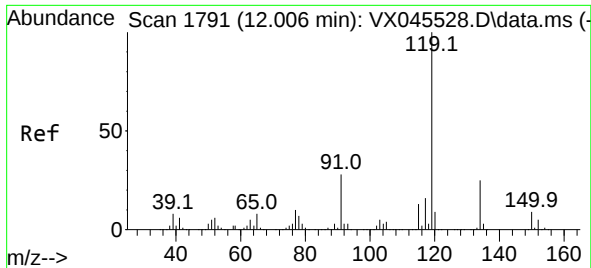
Tgt Ion: 91 Resp: 885
Ion Ratio Lower Upper
91 100
126 0.0 13.3 39.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.304 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX045827.D
Acq: 17 Apr 2025 14:46

Tgt Ion: 105 Resp: 1254
Ion Ratio Lower Upper
105 100
120 35.4 21.4 64.3

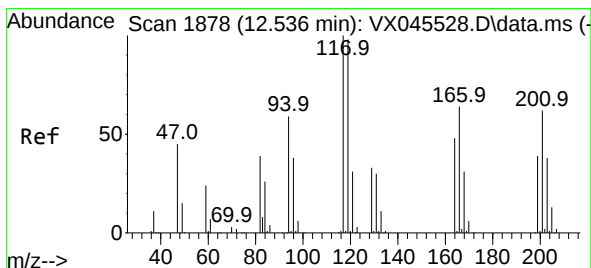
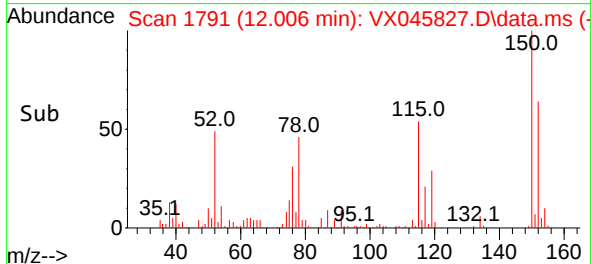
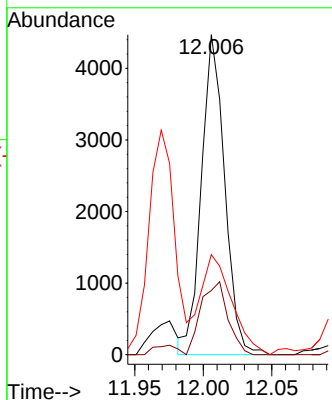
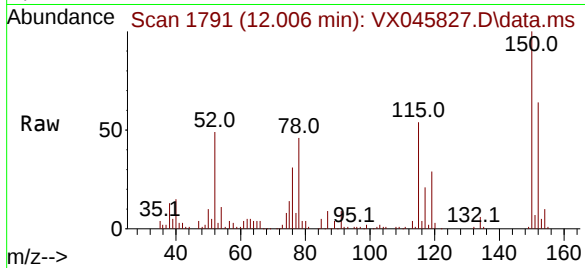




#86
 p-Isopropyltoluene
 Concen: 1.285 ug/l
 RT: 12.006 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VX045827.D
 Acq: 17 Apr 2025 14:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:119 Resp: 5295
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 42.6 13.7 41.1#



#90
 Hexachloroethane
 Concen: 0.638 ug/l
 RT: 12.603 min Scan# 1889
 Delta R.T. 0.067 min
 Lab File: VX045827.D
 Acq: 17 Apr 2025 14:46

Tgt Ion:117 Resp: 452
 Ion Ratio Lower Upper
 117 100
 201 0.0 31.2 93.6#

