

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046028.D
 Acq On : 02 May 2025 15:25
 Operator : JC/MD
 Sample : Q1929-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-03-G

Quant Time: May 02 23:17:21 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)

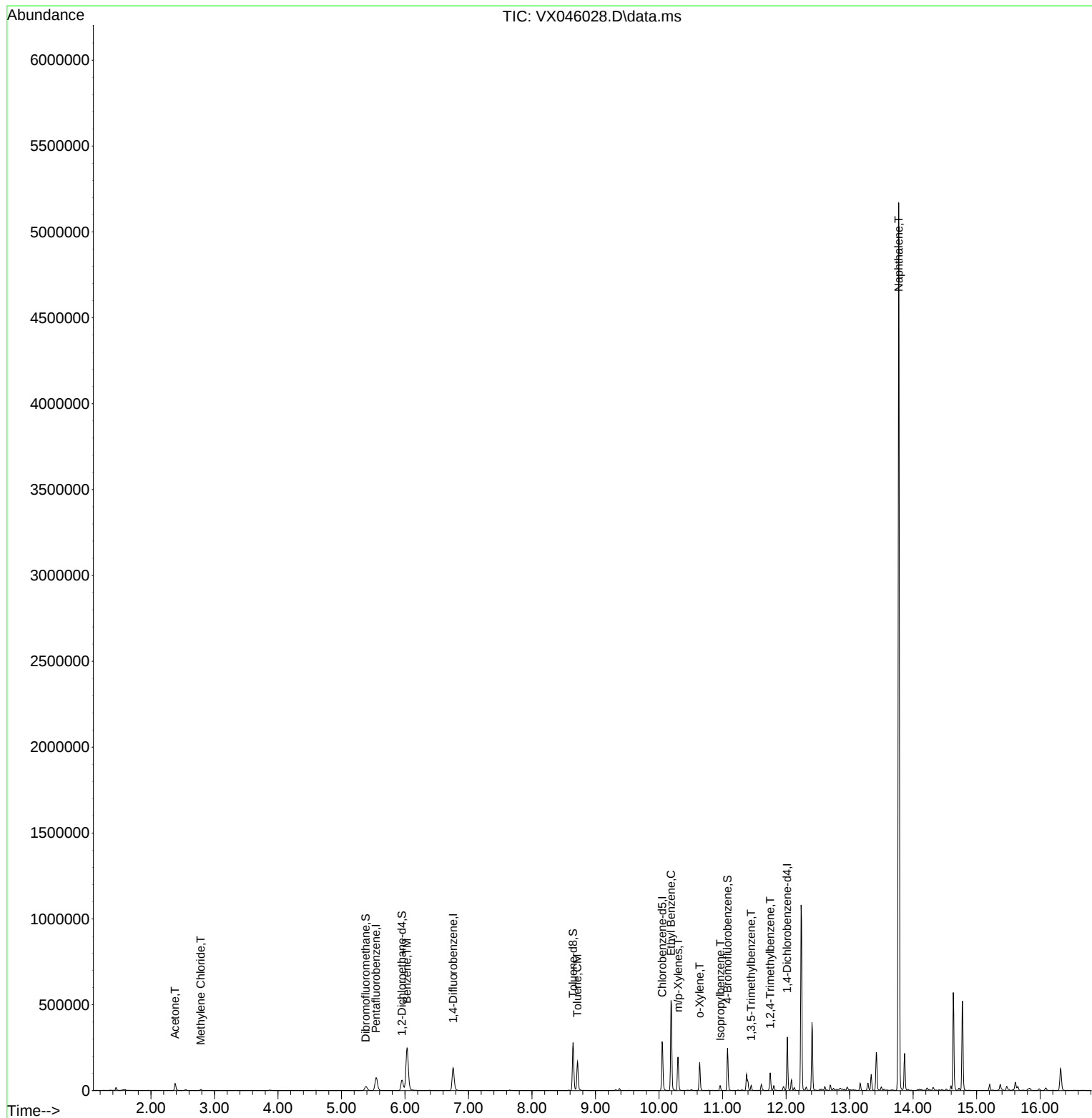
Internal Standards						
1) Pentafluorobenzene	5.544	168	64529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63123	53.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.980%	
35) Dibromofluoromethane	5.379	113	21234	23.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 46.740%#	
50) Toluene-d8	8.647	98	159398	50.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	11.079	95	63988	55.386	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	45678	94.265	ug/l	100
20) Methylene Chloride	2.782	84	2745	3.026	ug/l	98
40) Benzene	6.031	78	288735	77.053	ug/l	99
52) Toluene	8.714	92	61205	26.993	ug/l	100
67) Ethyl Benzene	10.189	91	301449	65.123	ug/l	99
68) m/p-Xylenes	10.299	106	41158	24.447	ug/l	93
69) o-Xylene	10.640	106	31395	18.930	ug/l	95
73) Isopropylbenzene	10.963	105	15165	3.409	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	12415	3.375	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	43225	11.708	ug/l	99
95) Naphthalene	13.774	128	2907493	754.598	ug/l	99

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

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WC-A1-03-G

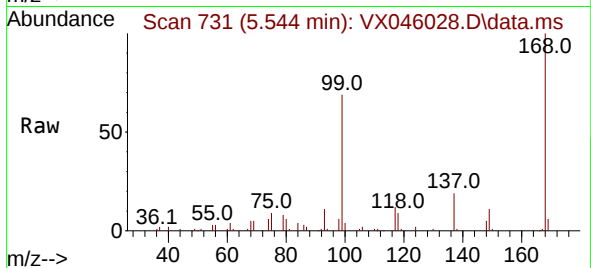
Quant Time: May 02 23:17:21 2025
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QLast Update : Wed Apr 02 03:11:43 2025
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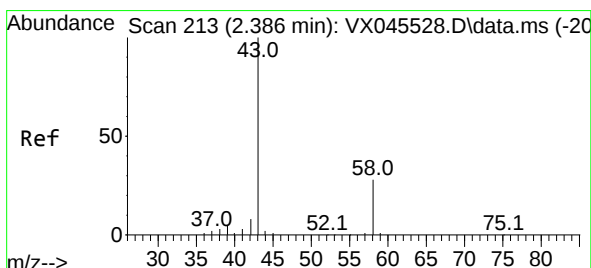
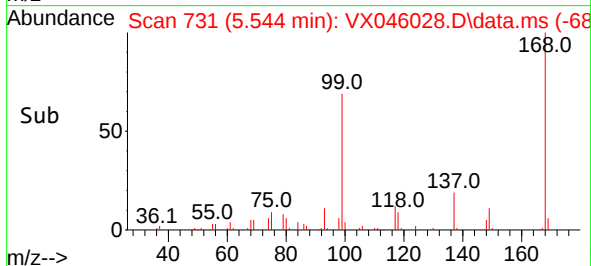
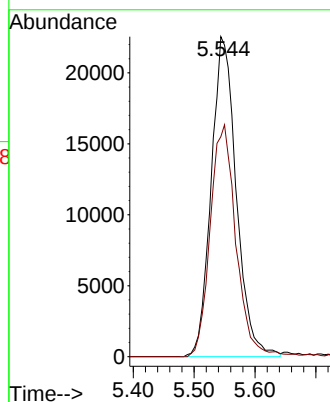


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-03-G

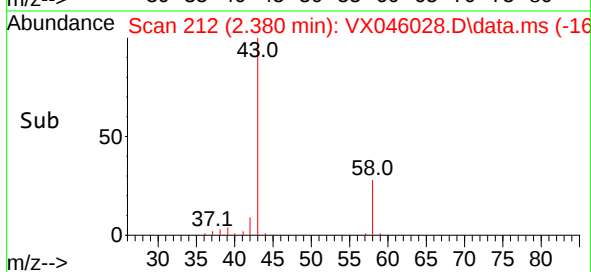
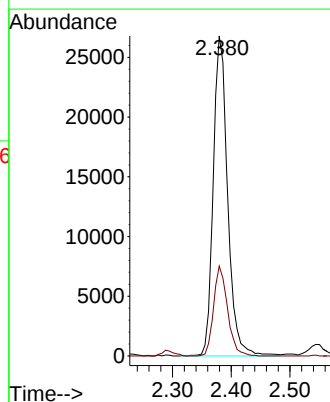
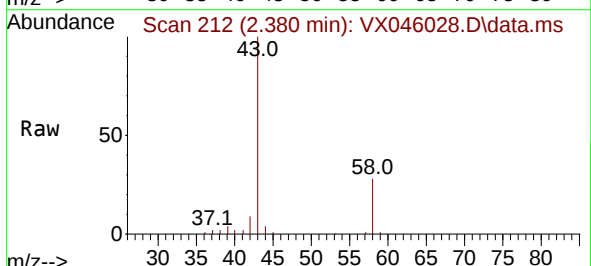


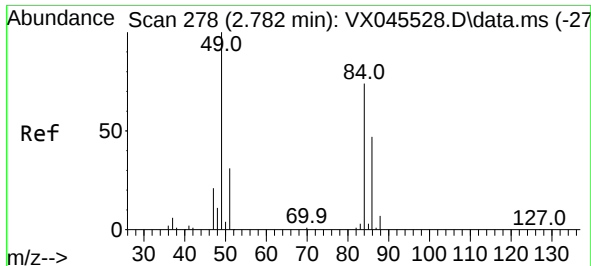
Tgt Ion:168 Resp: 64529
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5



#16
Acetone
Concen: 94.265 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Tgt Ion: 43 Resp: 45678
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5

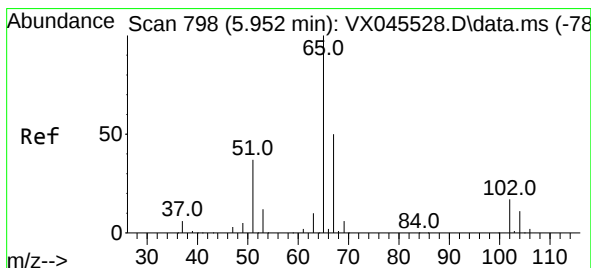
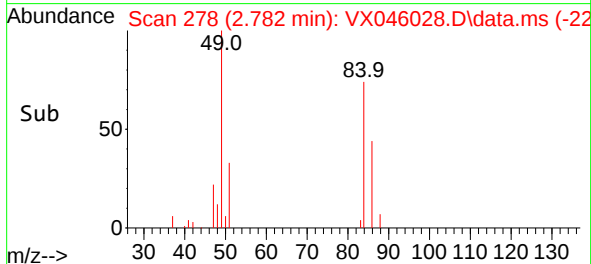
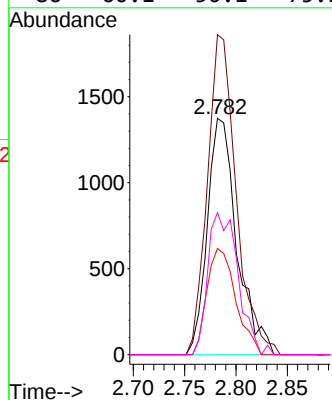
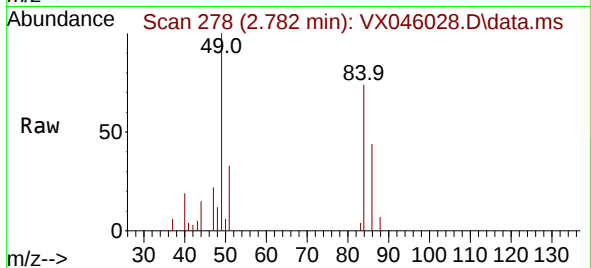




#20
Methylene Chloride
Concen: 3.026 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

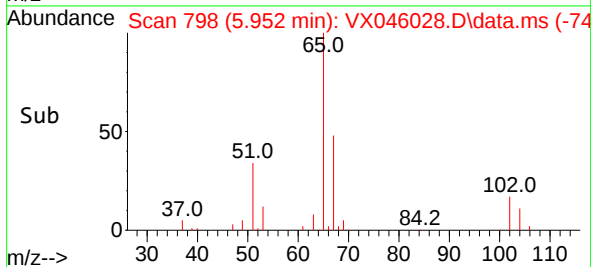
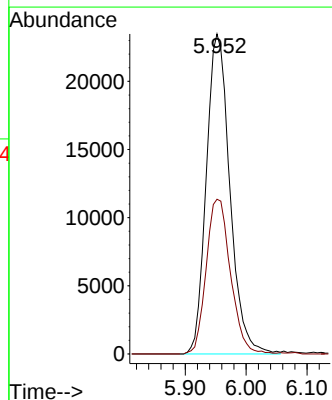
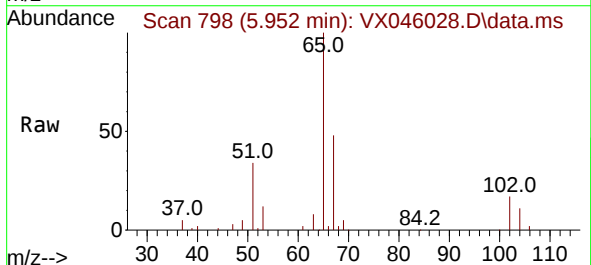
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-03-G

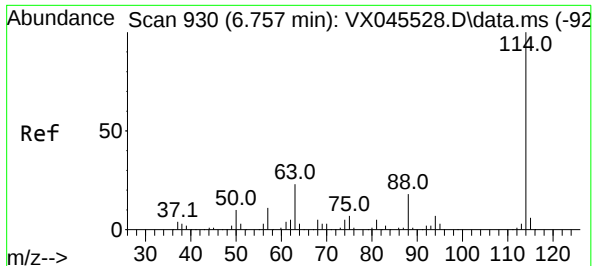
Tgt Ion:	84	Resp:	2745
Ion	Ratio	Lower	Upper
84	100		
49	135.4	107.5	161.3
51	45.0	33.0	49.6
86	60.1	50.1	75.1



#33
1,2-Dichloroethane-d4
Concen: 53.491 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Tgt Ion:	65	Resp:	63123
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.0

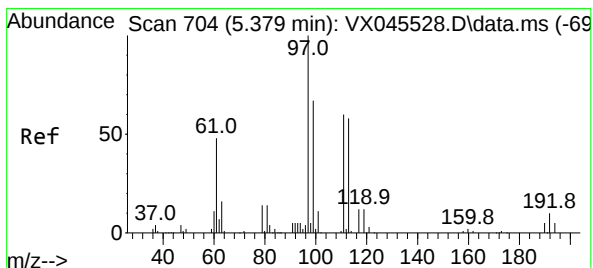
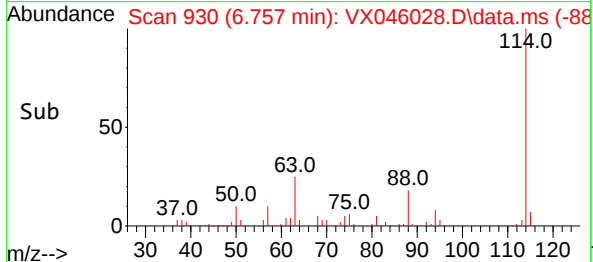
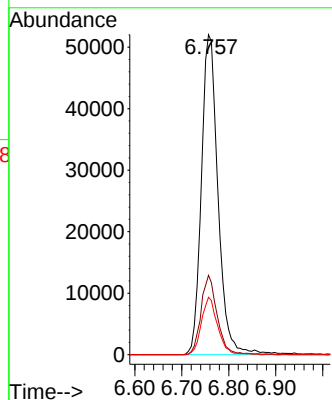
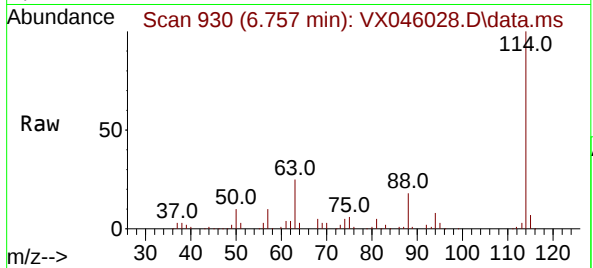




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

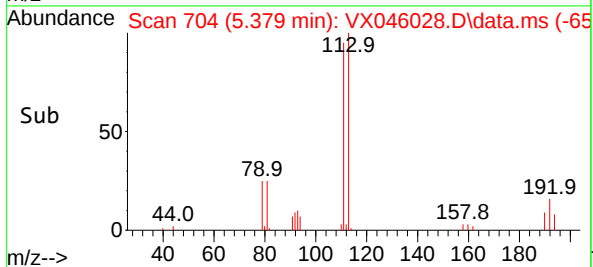
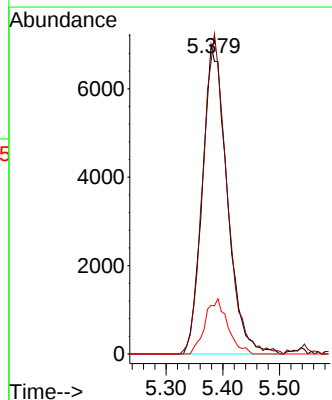
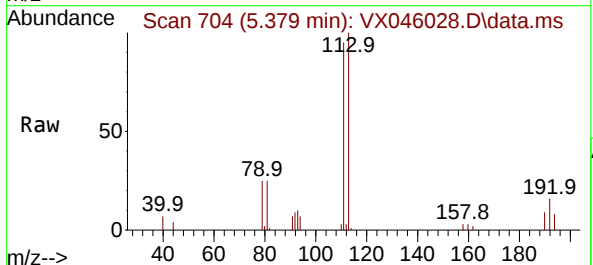
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-03-G

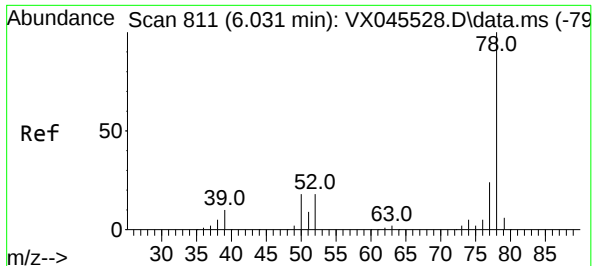
Tgt Ion:114 Resp: 128078
Ion Ratio Lower Upper
114 100
63 24.8 0.0 46.8
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 23.367 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Tgt Ion:113 Resp: 21234
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 16.2 13.8 20.6

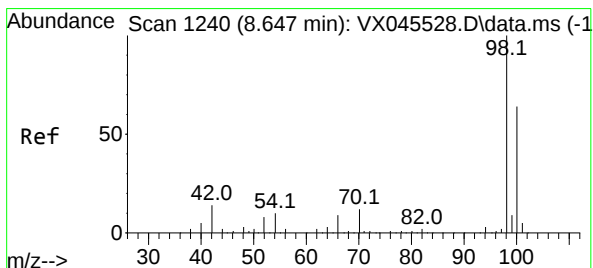
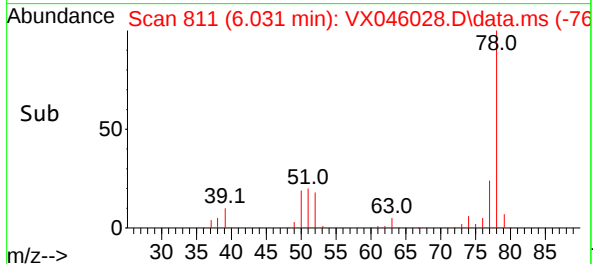
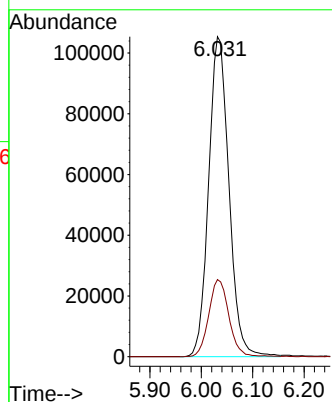
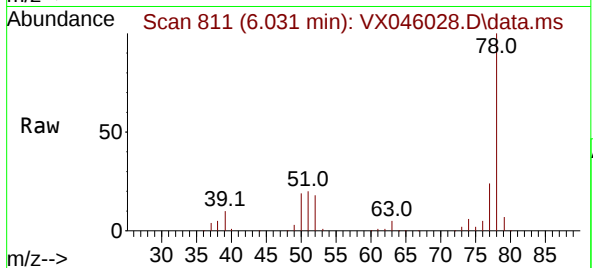




#40
Benzene
Concen: 77.053 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

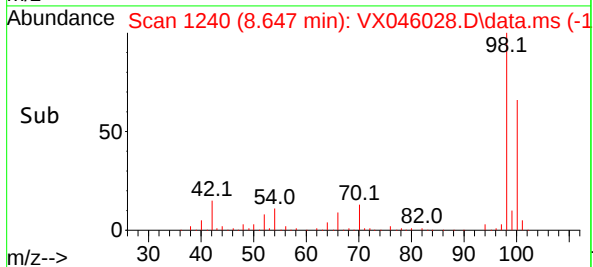
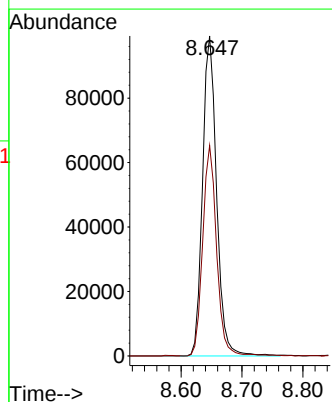
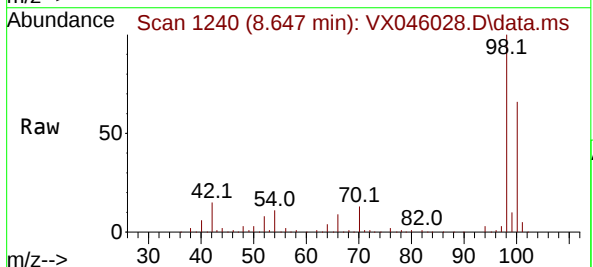
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-03-G

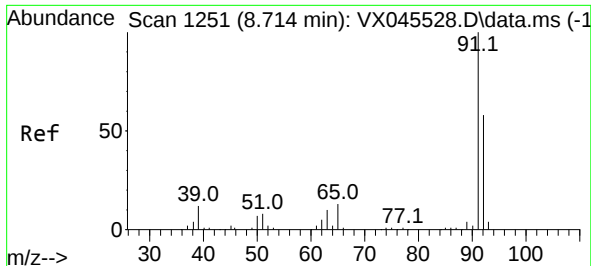
Tgt Ion: 78 Resp: 288735
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#50
Toluene-d8
Concen: 50.255 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Tgt Ion: 98 Resp: 159398
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

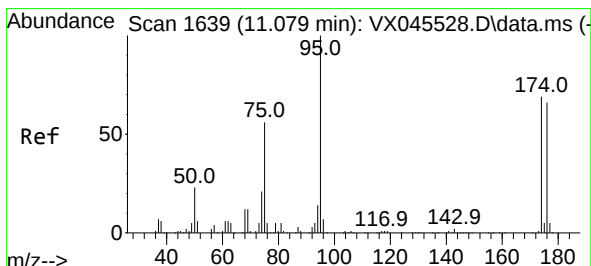
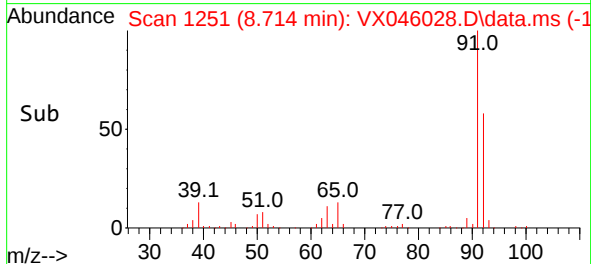
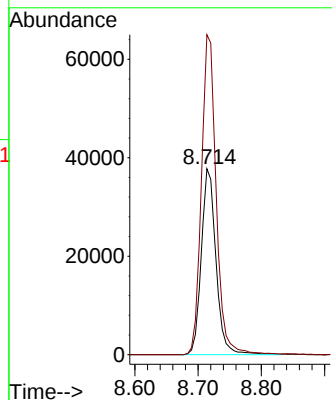
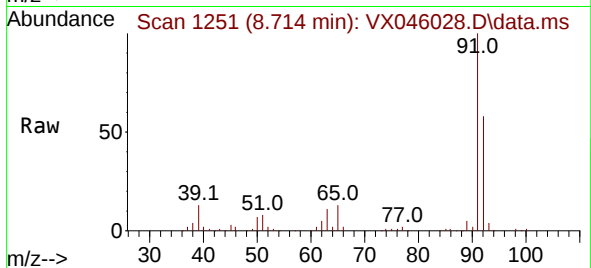




#52
Toluene
Concen: 26.993 ug/l
RT: 8.714 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

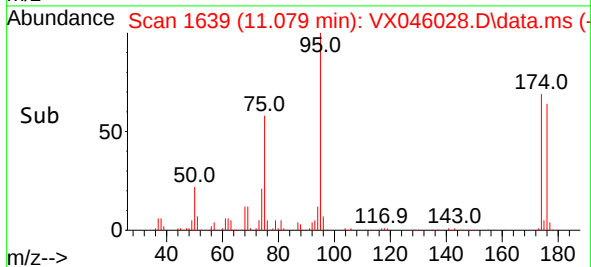
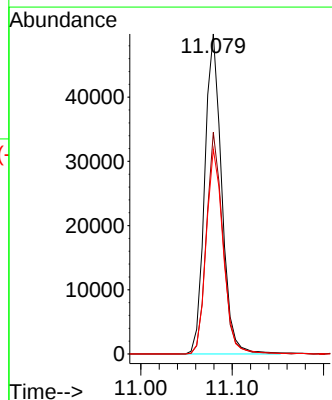
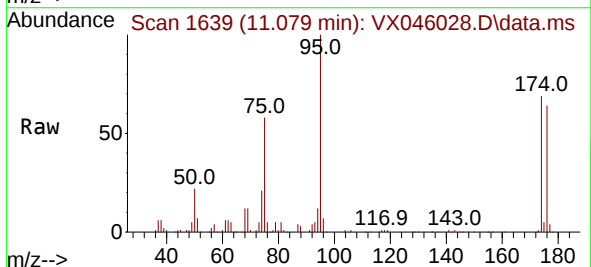
Instrument :
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ClientSampleId :
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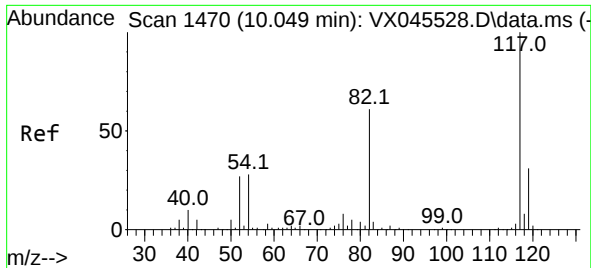
Tgt Ion: 92 Resp: 61205
Ion Ratio Lower Upper
92 100
91 173.1 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 55.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Tgt Ion: 95 Resp: 63988
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.1 0.0 131.4

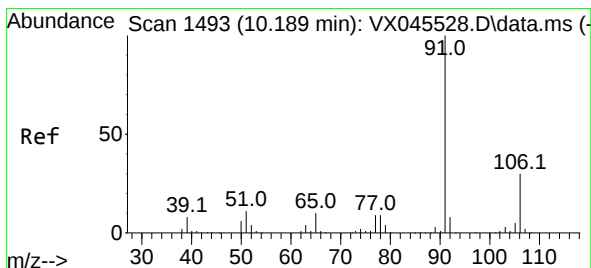
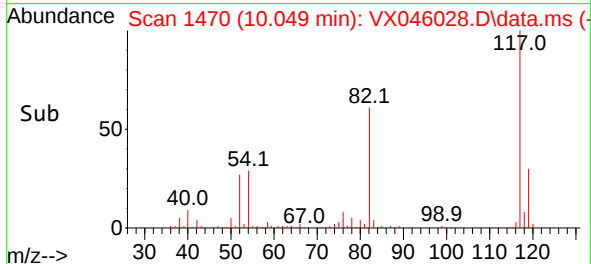
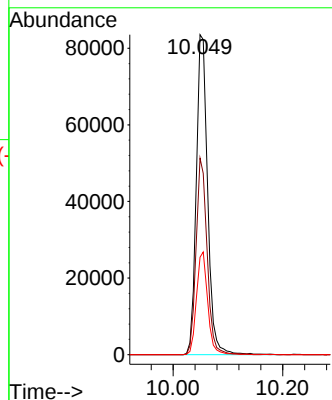
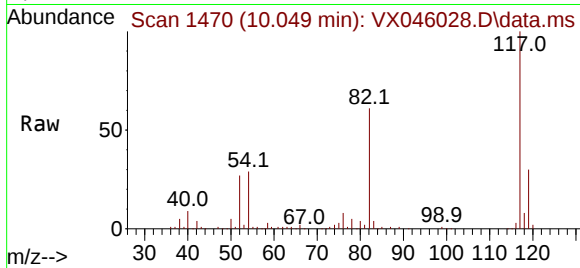




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

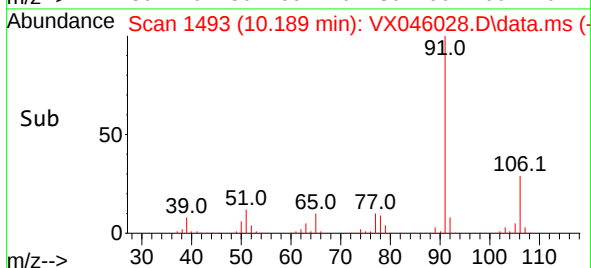
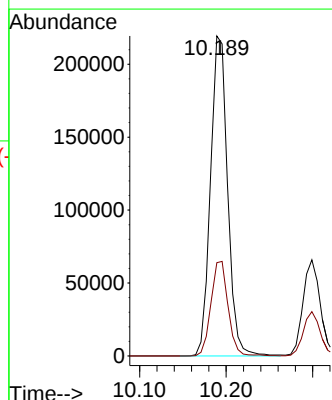
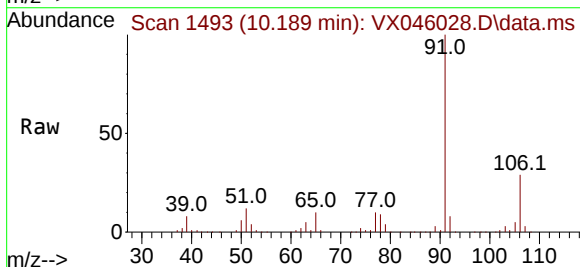
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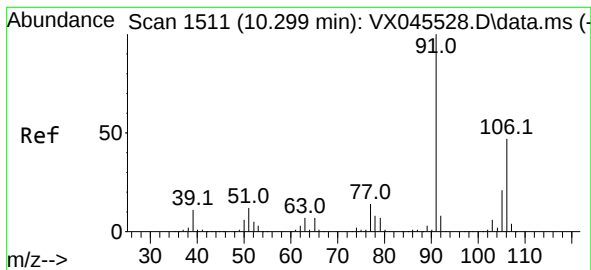
Tgt Ion:117 Resp: 120951
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 30.5 25.1 37.7



#67
Ethyl Benzene
Concen: 65.123 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Tgt Ion: 91 Resp: 301449
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5

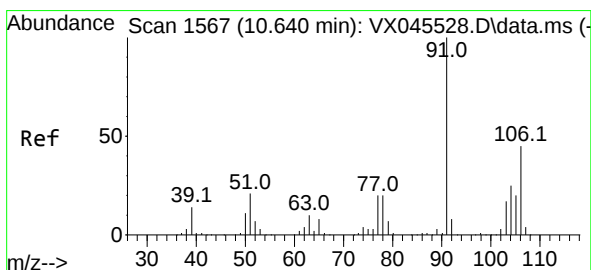
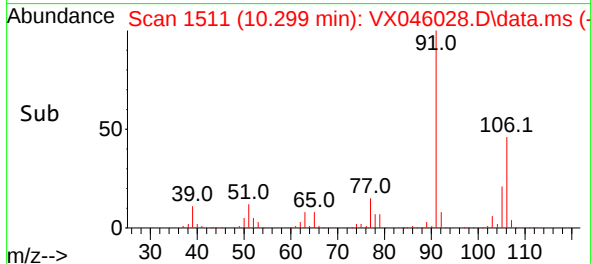
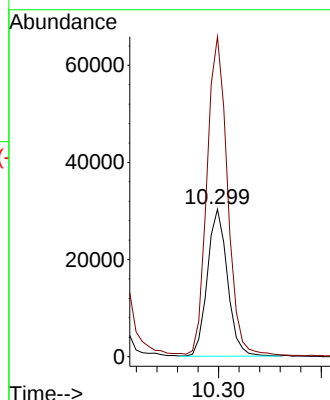
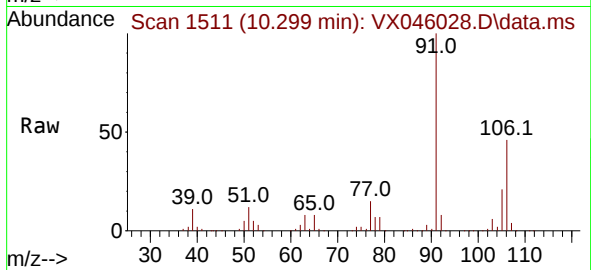




#68
m/p-Xylenes
Concen: 24.447 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

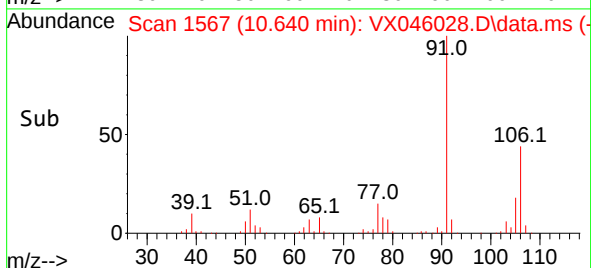
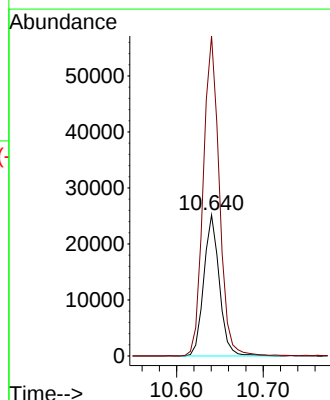
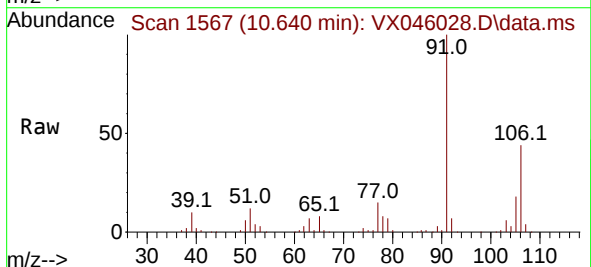
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-03-G

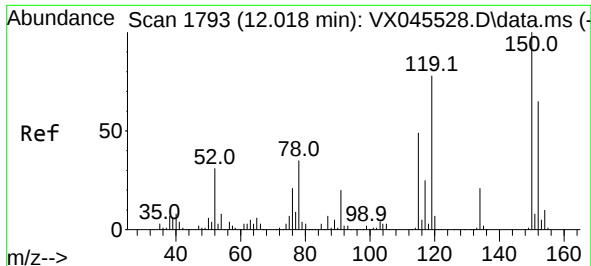
Tgt Ion:106 Resp: 41158
Ion Ratio Lower Upper
106 100
91 226.9 172.6 258.8



#69
o-Xylene
Concen: 18.930 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Tgt Ion:106 Resp: 31395
Ion Ratio Lower Upper
106 100
91 234.5 113.6 340.6

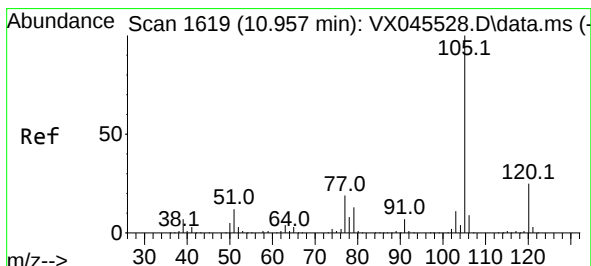
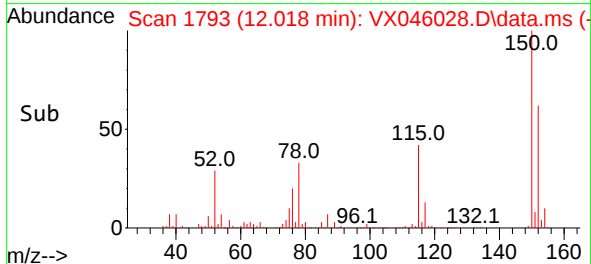
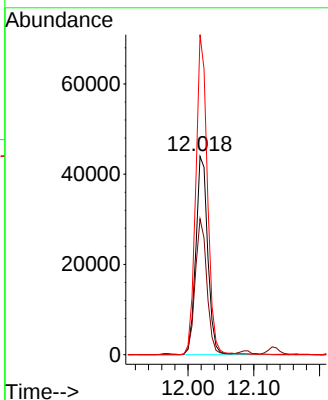
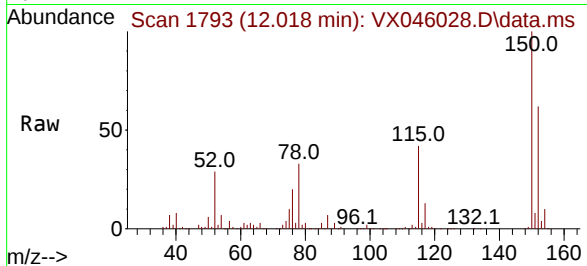




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046028.D
 Acq: 02 May 2025 15:25

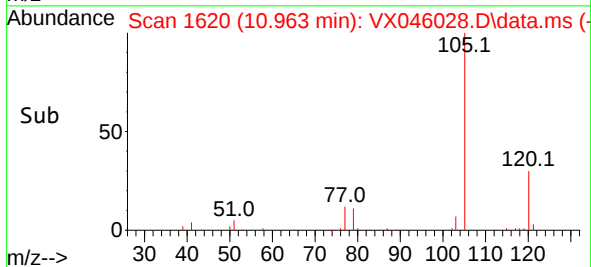
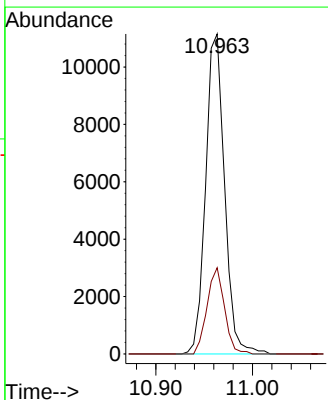
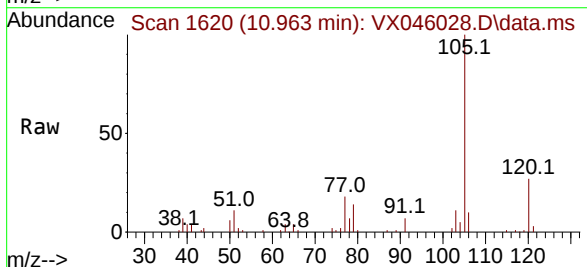
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-03-G

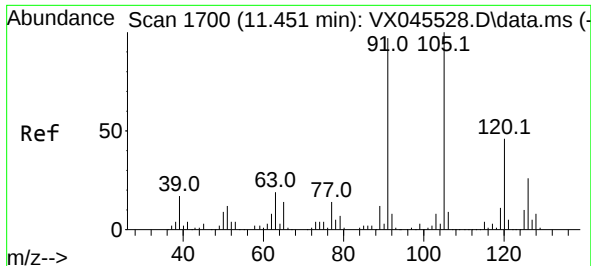
Tgt Ion:152 Resp: 55534
 Ion Ratio Lower Upper
 152 100
 115 66.7 46.9 140.7
 150 157.0 0.0 349.4



#73
 Isopropylbenzene
 Concen: 3.409 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.006 min
 Lab File: VX046028.D
 Acq: 02 May 2025 15:25

Tgt Ion:105 Resp: 15165
 Ion Ratio Lower Upper
 105 100
 120 24.8 12.7 38.0

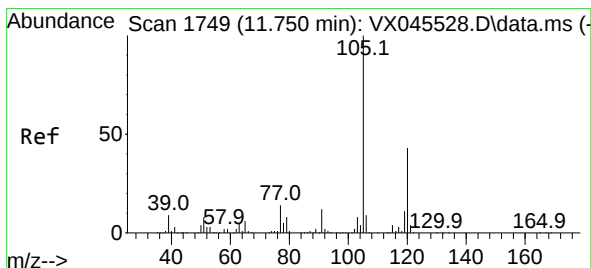
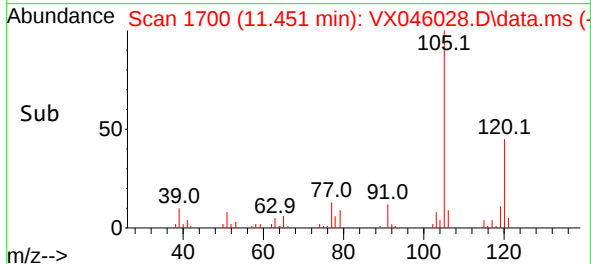
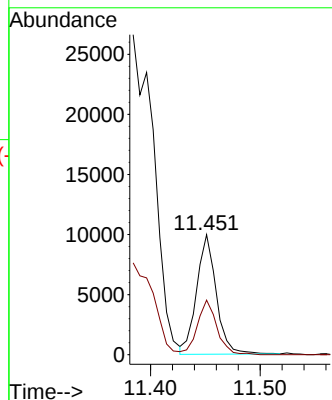
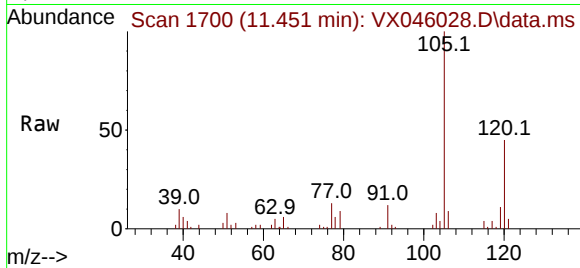




#80
 1,3,5-Trimethylbenzene
 Concen: 3.375 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX046028.D
 Acq: 02 May 2025 15:25

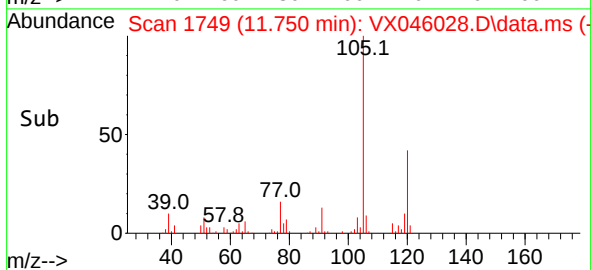
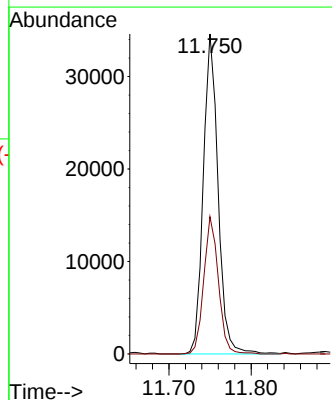
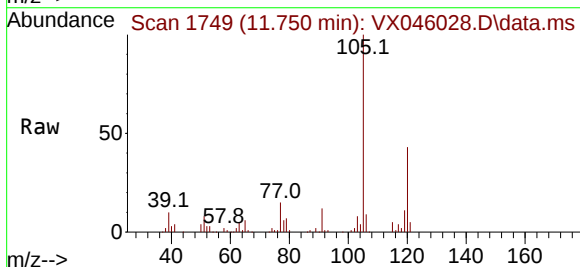
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-03-G

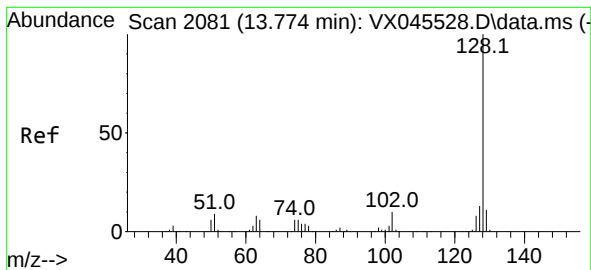
Tgt Ion:105 Resp: 12415
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.0 69.0



#84
 1,2,4-Trimethylbenzene
 Concen: 11.708 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046028.D
 Acq: 02 May 2025 15:25

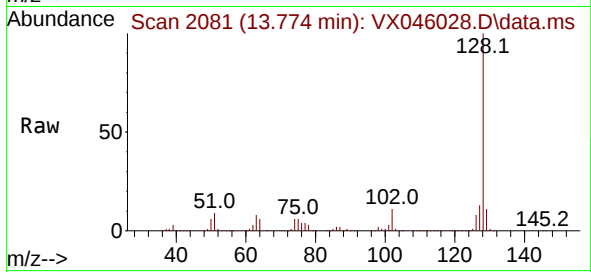
Tgt Ion:105 Resp: 43225
 Ion Ratio Lower Upper
 105 100
 120 42.5 21.4 64.3





#95
Naphthalene
Concen: 754.598 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046028.D
Acq: 02 May 2025 15:25

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-03-G



Tgt Ion:128 Resp: 2907493
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.6 12.8

