

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046191.D
 Acq On : 14 May 2025 13:59
 Operator : JC/MD
 Sample : Q2001-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-06-GDL

Quant Time: May 15 01:22:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

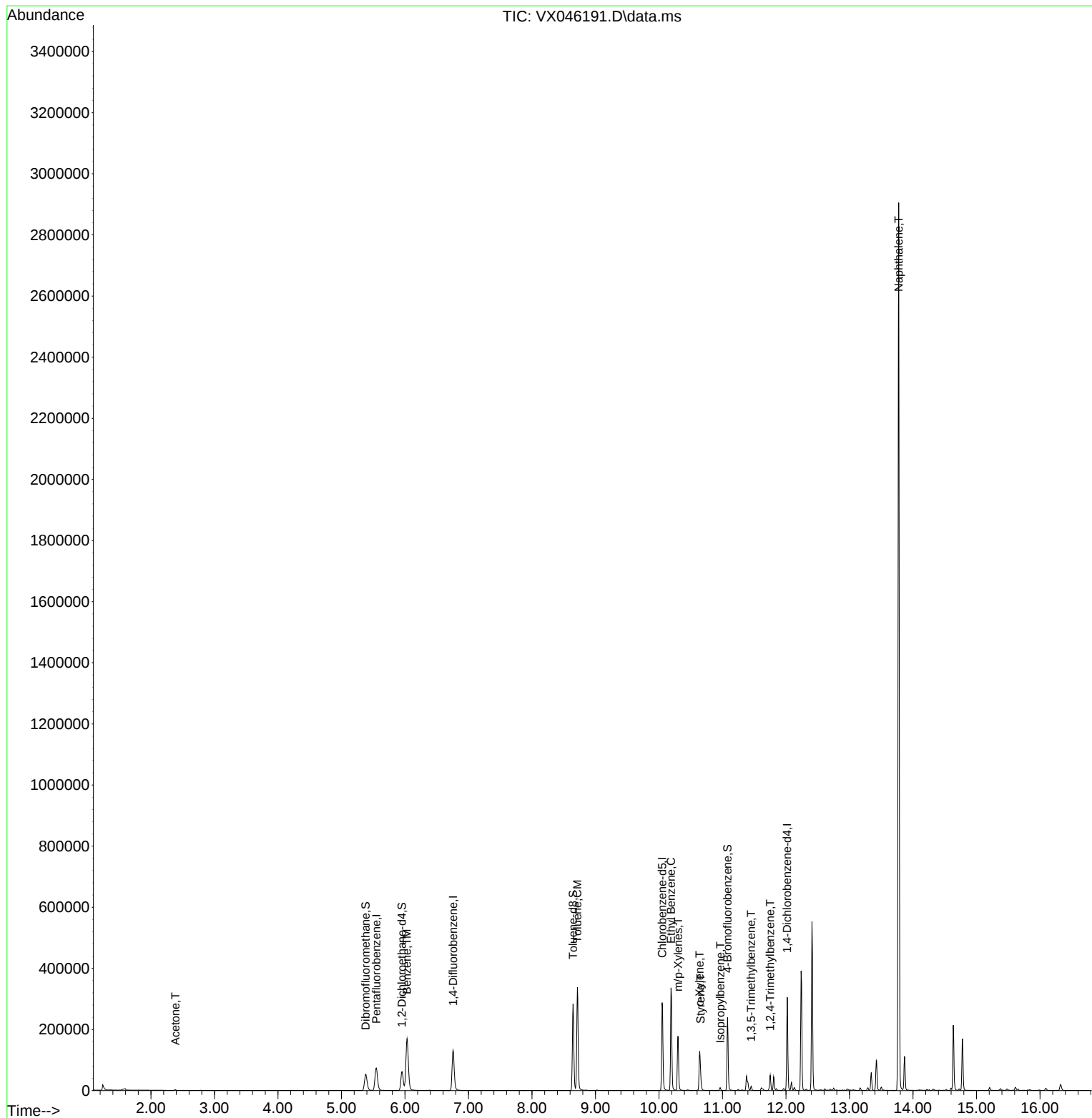
Internal Standards						
1) Pentafluorobenzene	5.550	168	63265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62435	52.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.880%	
35) Dibromofluoromethane	5.379	113	46167	50.190	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	8.647	98	158190	49.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	11.079	95	63011	51.596	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2902	6.136	ug/l	93
40) Benzene	6.031	78	197487	54.553	ug/l	97
52) Toluene	8.714	92	122622	55.241	ug/l	100
67) Ethyl Benzene	10.189	91	191996	40.869	ug/l	100
68) m/p-Xylenes	10.299	106	39363	22.909	ug/l	99
69) o-Xylene	10.640	106	24025	14.343	ug/l	95
70) Styrene	10.653	104	16031	5.842	ug/l #	82
73) Isopropylbenzene	10.964	105	4772	1.131	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6144	1.742	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	21051	5.895	ug/l	98
95) Naphthalene	13.774	128	1649398	436.320	ug/l	99

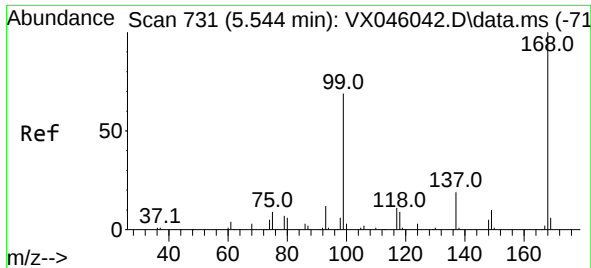
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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Response via : Initial Calibration

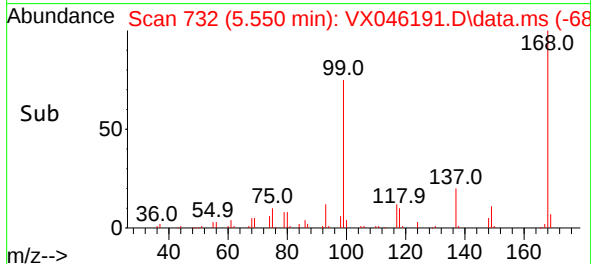
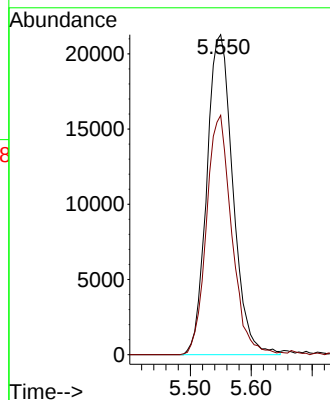
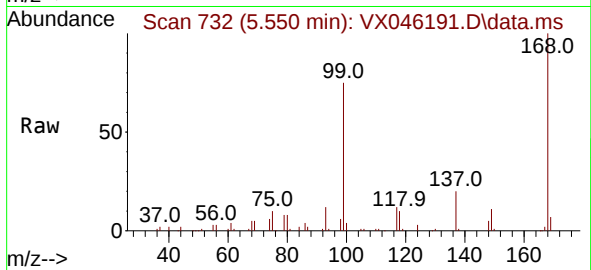




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

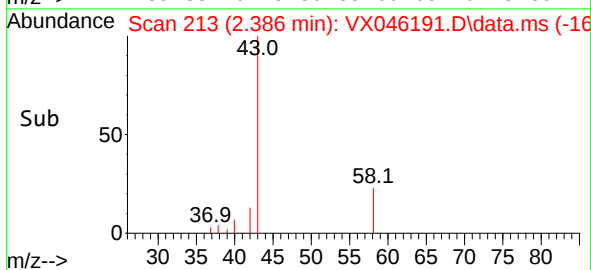
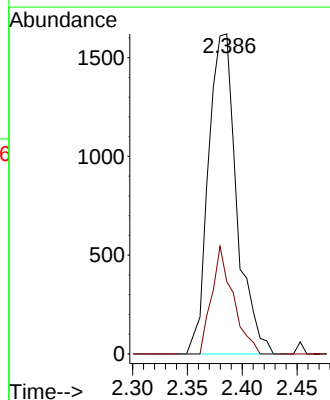
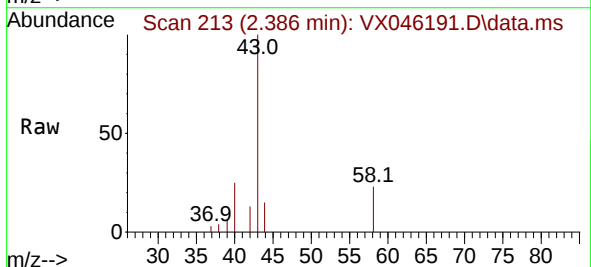
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-GDL

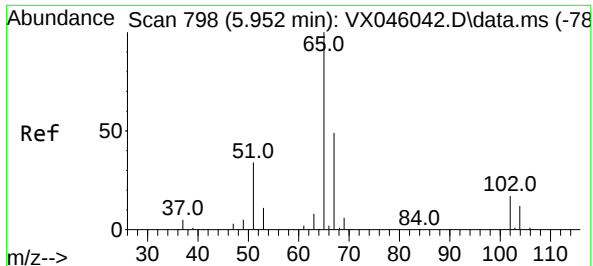
Tgt Ion:168 Resp: 63265
Ion Ratio Lower Upper
168 100
99 74.8 54.9 82.3



#16
Acetone
Concen: 6.136 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

Tgt Ion: 43 Resp: 2902
Ion Ratio Lower Upper
43 100
58 22.7 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 52.935 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046191.D

Acq: 14 May 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

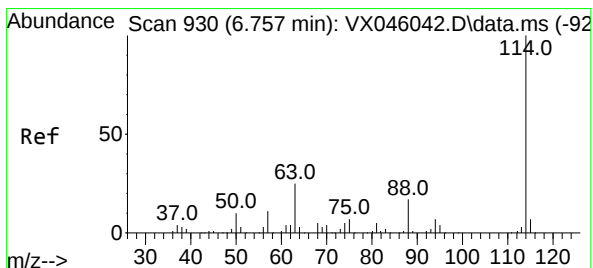
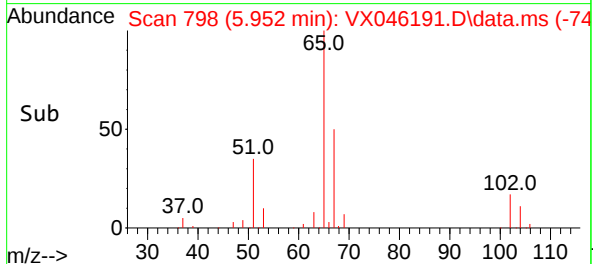
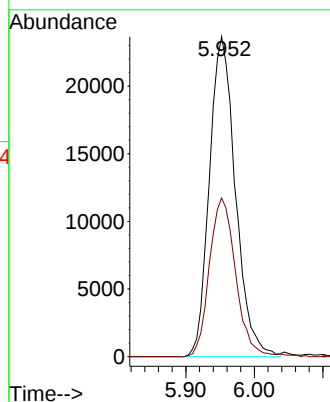
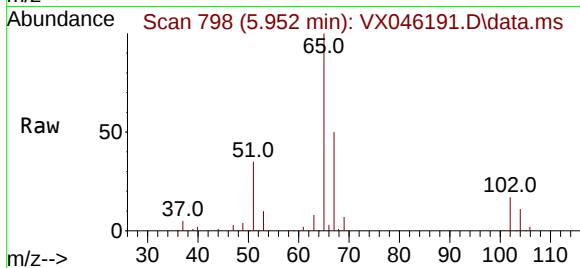
WC-A1-06-GDL

Tgt Ion: 65 Resp: 62435

Ion Ratio Lower Upper

65 100

67 50.1 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: VX046191.D

Acq: 14 May 2025 13:59

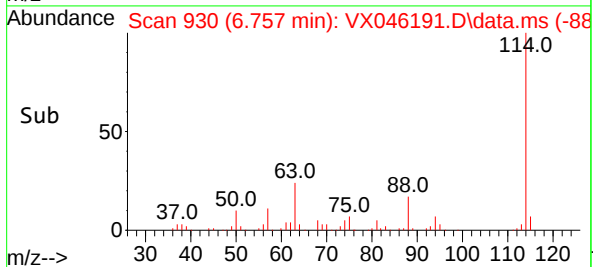
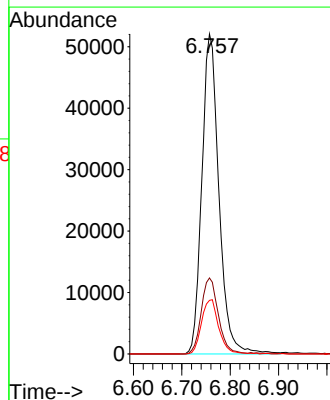
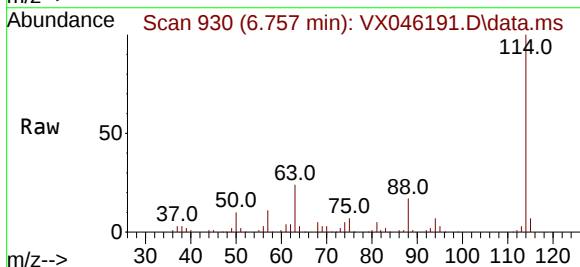
Tgt Ion: 114 Resp: 127738

Ion Ratio Lower Upper

114 100

63 23.7 0.0 49.2

88 16.7 0.0 33.6

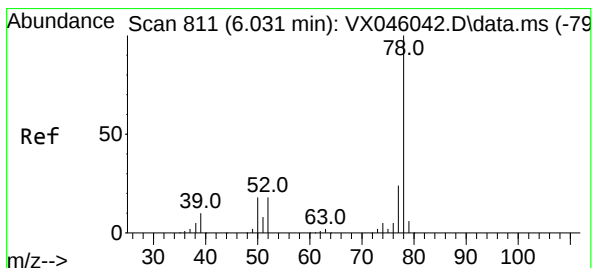
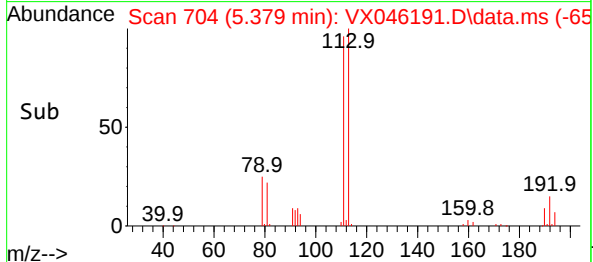
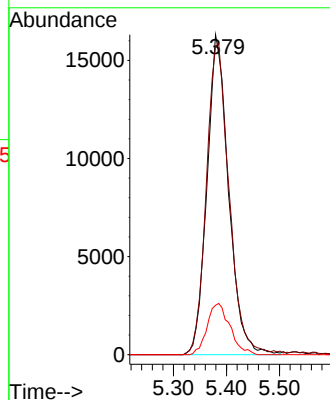
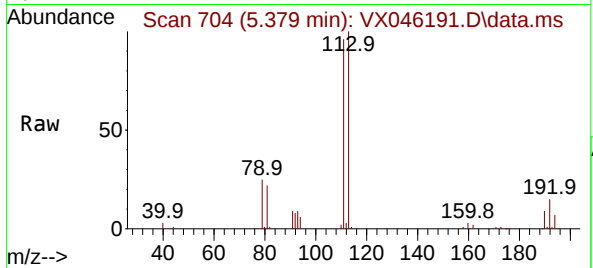




#35
Dibromofluoromethane
Concen: 50.190 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

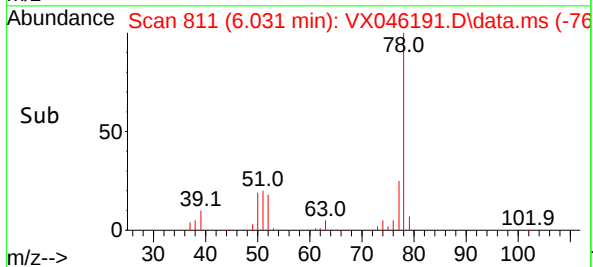
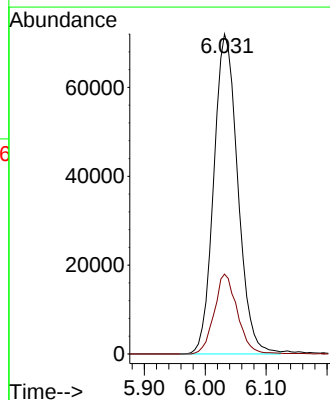
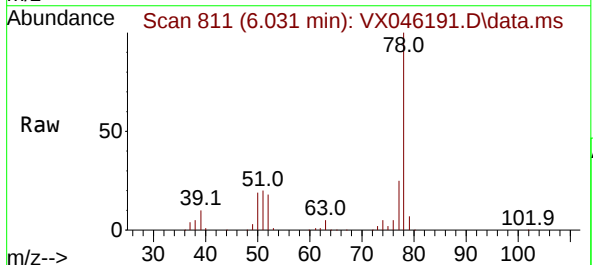
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-GDL

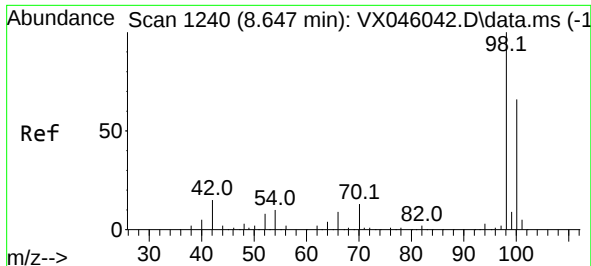
Tgt Ion:113 Resp: 46167
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 16.9 13.3 19.9



#40
Benzene
Concen: 54.553 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

Tgt Ion: 78 Resp: 197487
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4

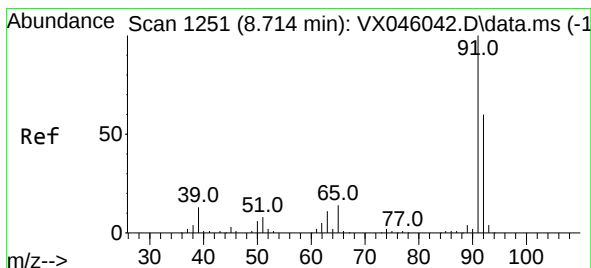
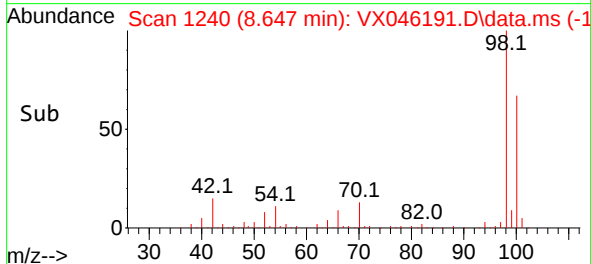
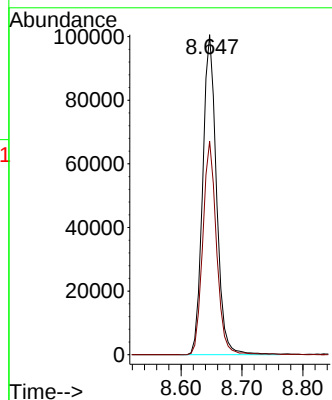
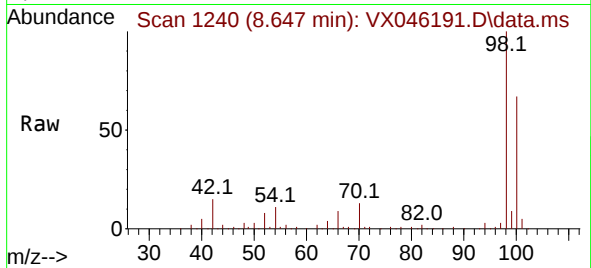




#50
Toluene-d8
Concen: 49.687 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

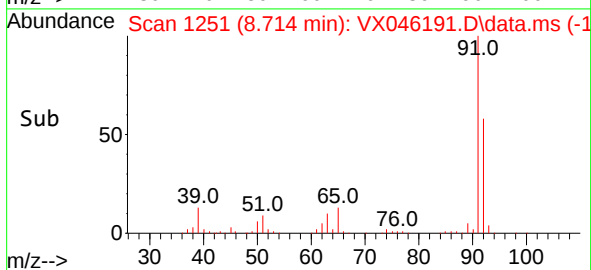
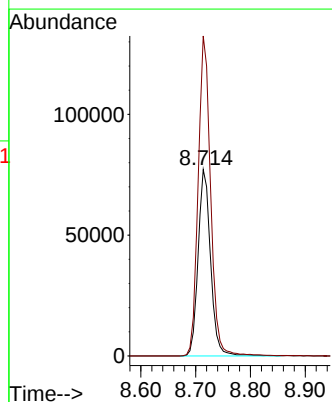
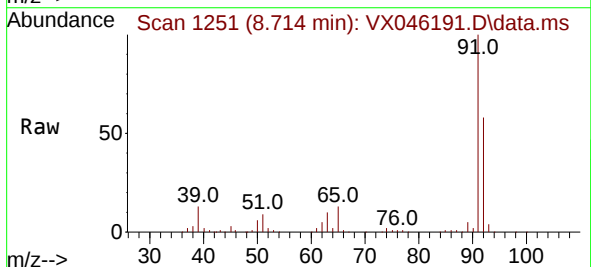
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-GDL

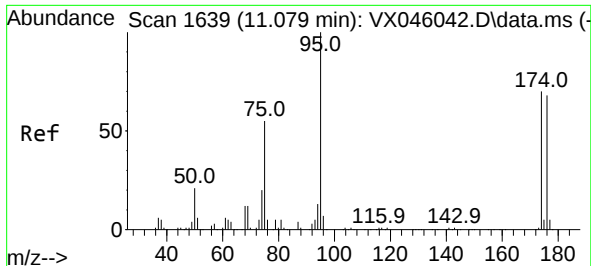
Tgt Ion: 98 Resp: 158190
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3



#52
Toluene
Concen: 55.241 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

Tgt Ion: 92 Resp: 122622
Ion Ratio Lower Upper
92 100
91 170.9 136.6 205.0

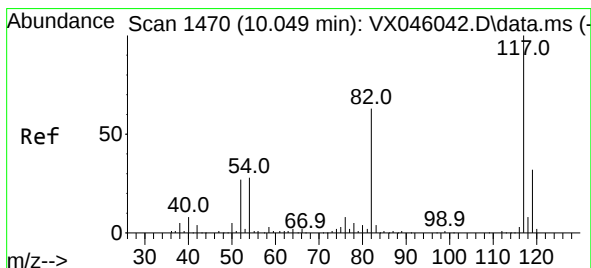
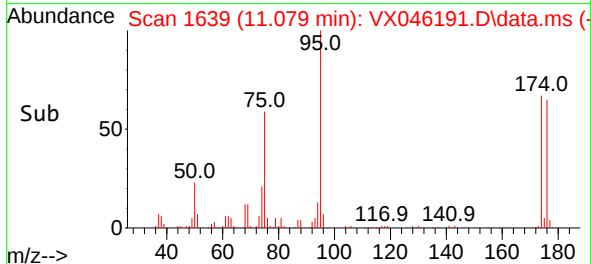
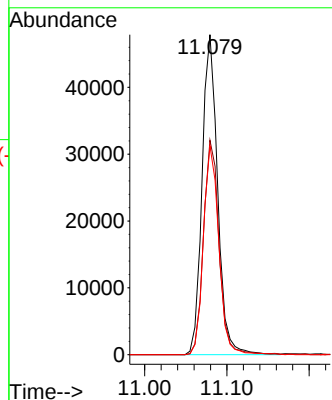
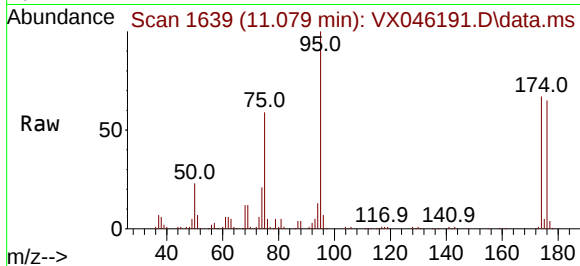




#62
4-Bromofluorobenzene
Concen: 51.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

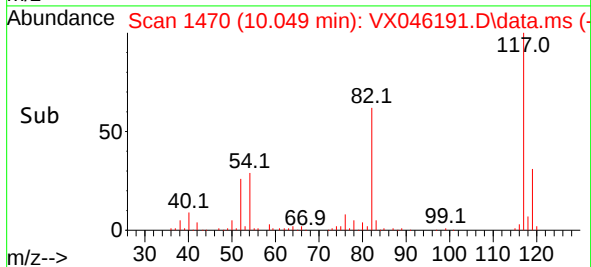
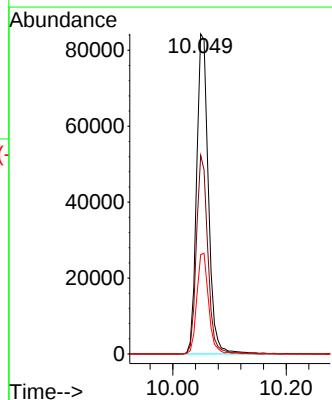
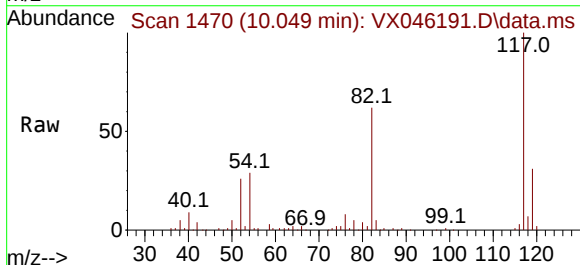
Instrument :
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ClientSampleId :
WC-A1-06-GDL

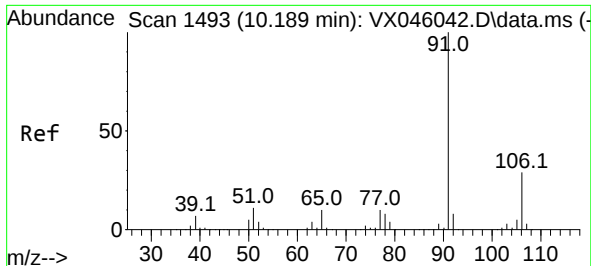
Tgt Ion: 95 Resp: 63011
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

Tgt Ion: 117 Resp: 121763
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 31.0 25.8 38.6





#67

Ethyl Benzene

Concen: 40.869 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046191.D

Acq: 14 May 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

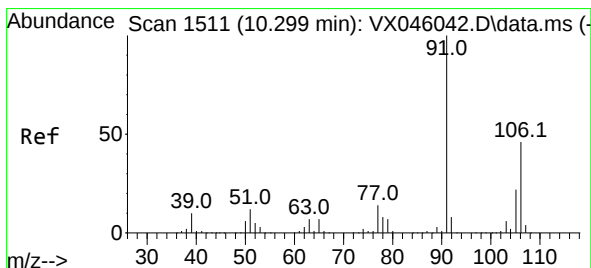
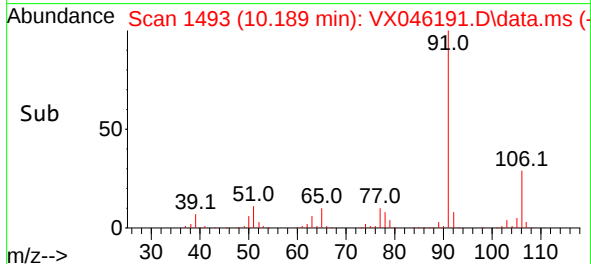
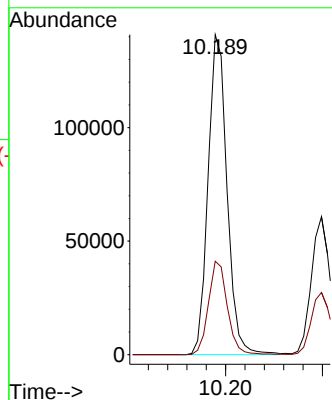
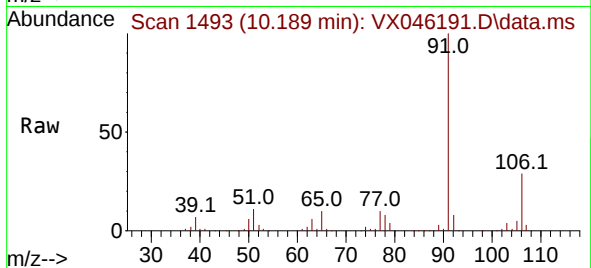
WC-A1-06-GDL

Tgt Ion: 91 Resp: 191996

Ion Ratio Lower Upper

91 100

106 29.2 23.4 35.2



#68

m/p-Xylenes

Concen: 22.909 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX046191.D

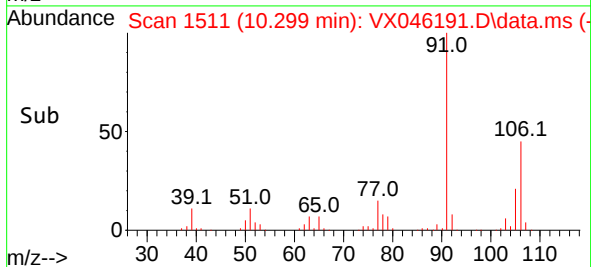
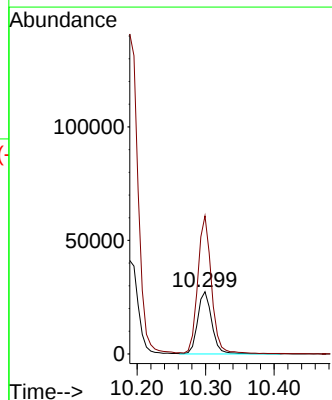
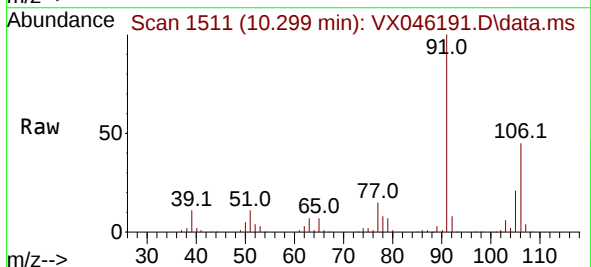
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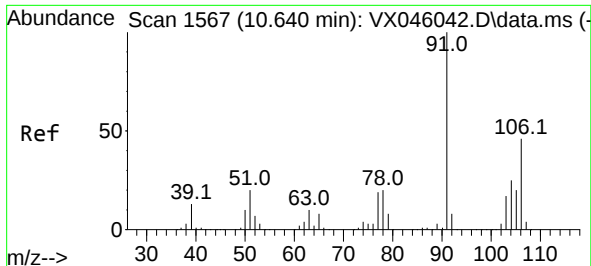
Tgt Ion:106 Resp: 39363

Ion Ratio Lower Upper

106 100

91 213.1 171.2 256.8

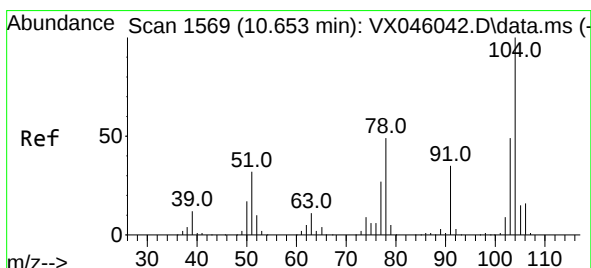
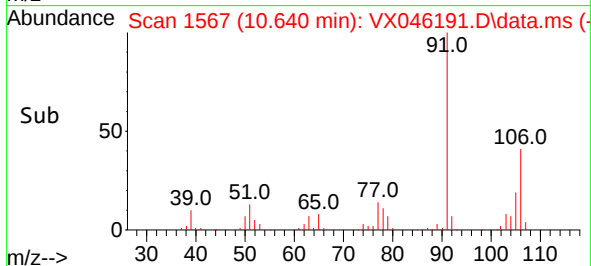
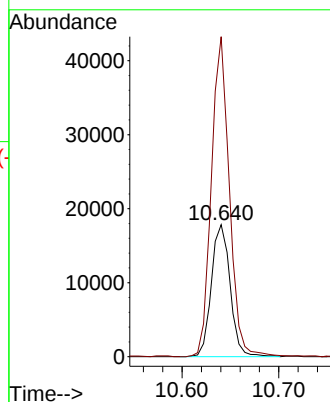
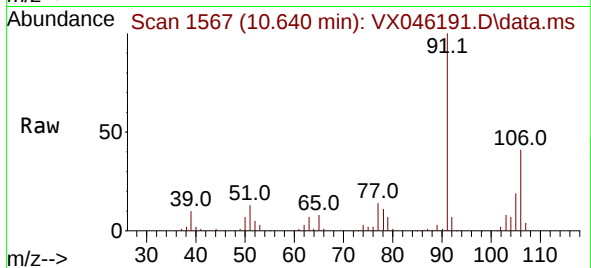




#69
o-Xylene
Concen: 14.343 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

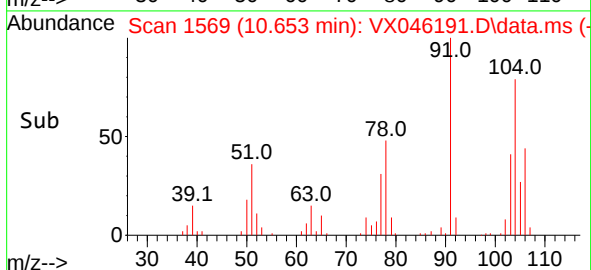
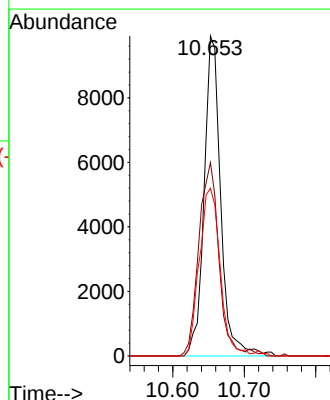
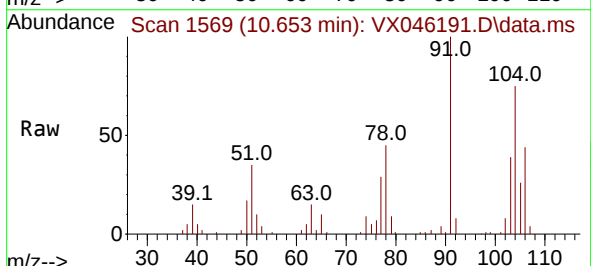
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-GDL

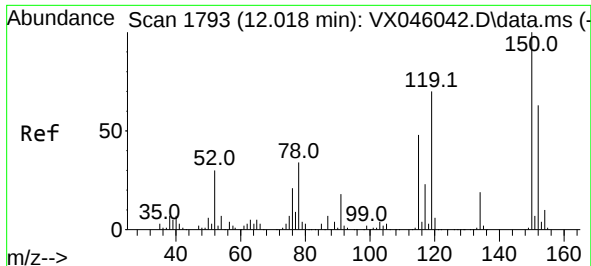
Tgt Ion:106 Resp: 24025
Ion Ratio Lower Upper
106 100
91 233.2 112.7 338.1



#70
Styrene
Concen: 5.842 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

Tgt Ion:104 Resp: 16031
Ion Ratio Lower Upper
104 100
78 72.2 45.7 68.5#
103 65.5 43.7 65.5#

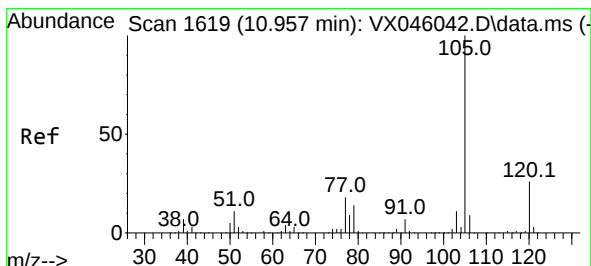
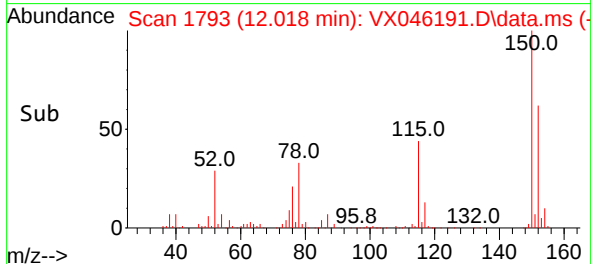
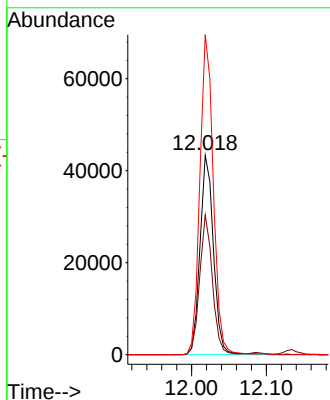
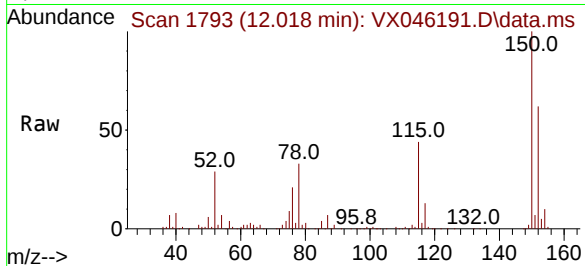




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX046191.D
 Acq: 14 May 2025 13:59

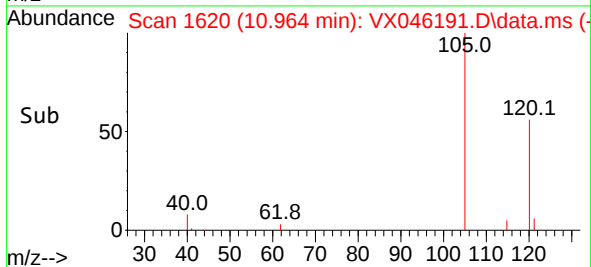
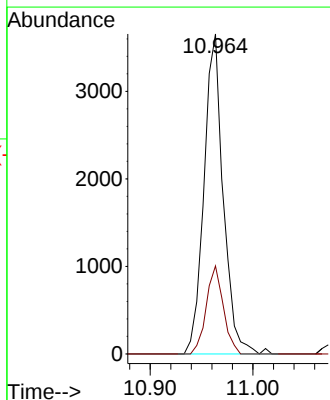
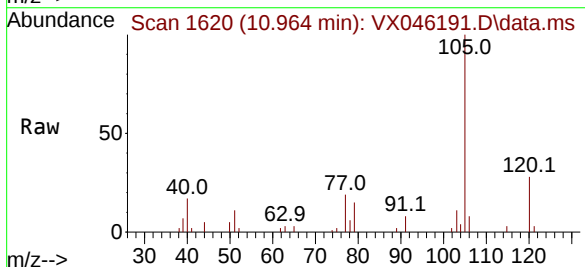
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-06-GDL

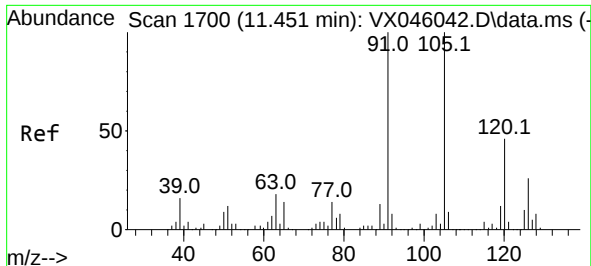
Tgt Ion:152 Resp: 54212
 Ion Ratio Lower Upper
 152 100
 115 66.8 46.9 140.7
 150 159.6 0.0 351.0



#73
 Isopropylbenzene
 Concen: 1.131 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.006 min
 Lab File: VX046191.D
 Acq: 14 May 2025 13:59

Tgt Ion:105 Resp: 4772
 Ion Ratio Lower Upper
 105 100
 120 24.3 12.8 38.4

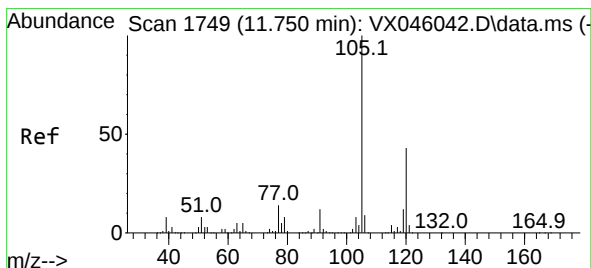
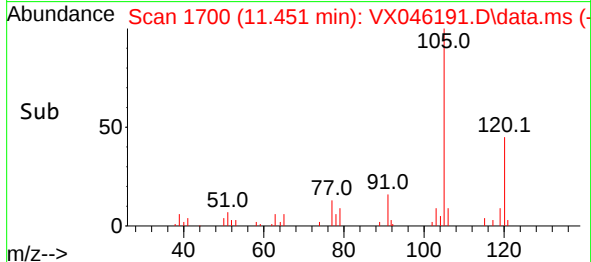
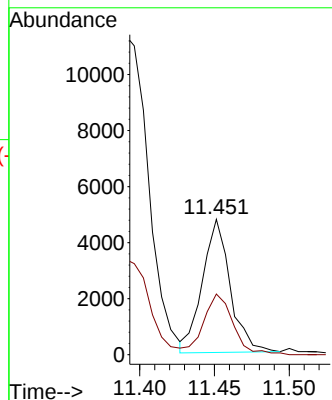
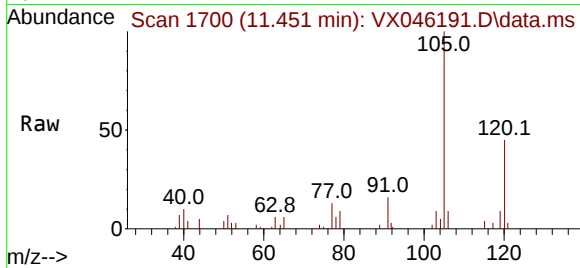




#80
 1,3,5-Trimethylbenzene
 Concen: 1.742 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX046191.D
 Acq: 14 May 2025 13:59

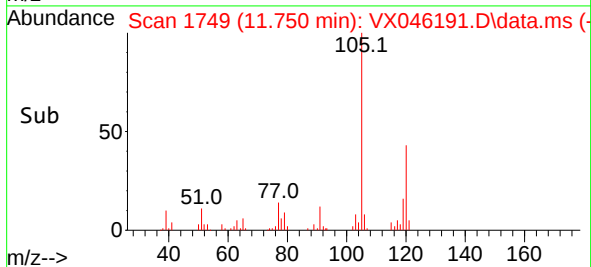
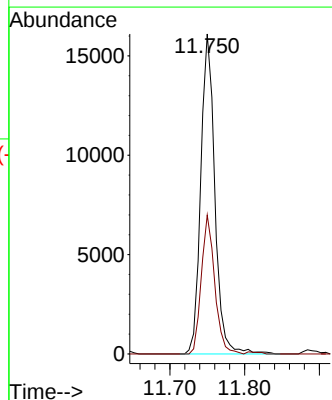
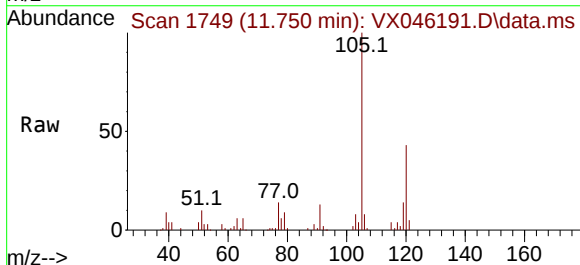
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-06-GDL

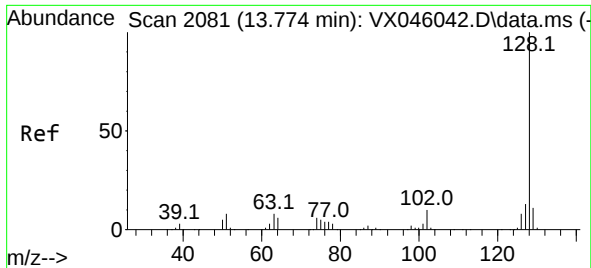
Tgt Ion:105 Resp: 6144
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.1 69.2



#84
 1,2,4-Trimethylbenzene
 Concen: 5.895 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046191.D
 Acq: 14 May 2025 13:59

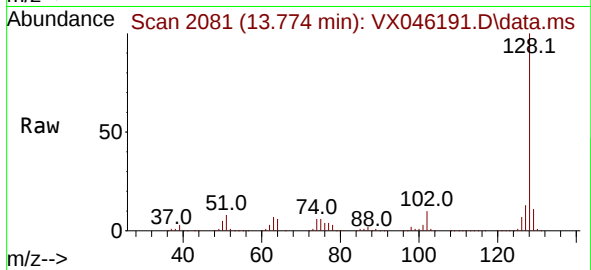
Tgt Ion:105 Resp: 21051
 Ion Ratio Lower Upper
 105 100
 120 41.3 21.2 63.6





#95
Naphthalene
Concen: 436.320 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046191.D
Acq: 14 May 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-06-GDL



Tgt Ion:128 Resp: 1649398
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 13.0

