

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046190.D
 Acq On : 14 May 2025 13:35
 Operator : JC/MD
 Sample : Q2001-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-05-GDL

Quant Time: May 15 01:22:07 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)

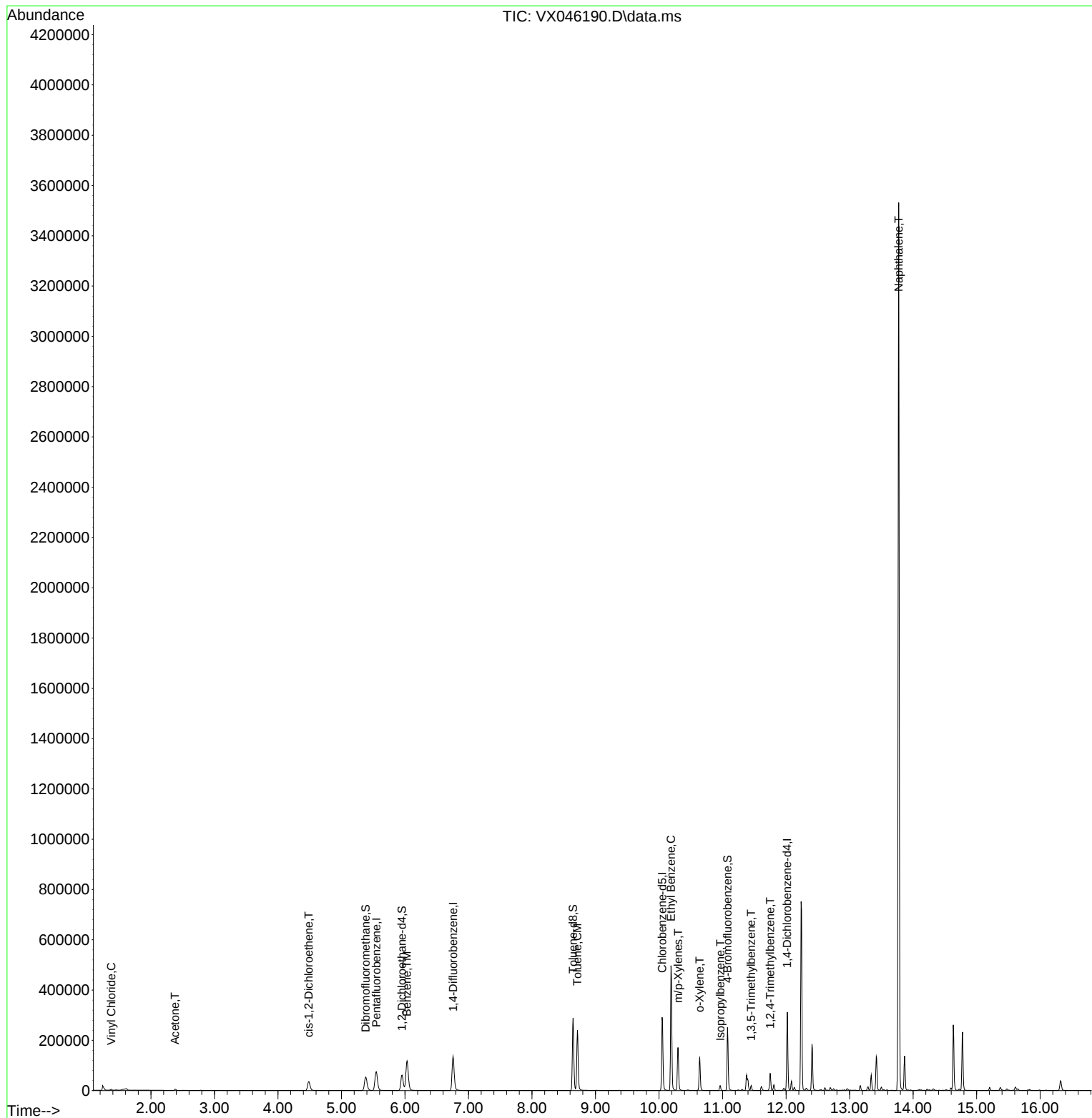
Internal Standards						
1) Pentafluorobenzene	5.550	168	65402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64073	52.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.100%	
35) Dibromofluoromethane	5.379	113	47116	50.021	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.040%	
50) Toluene-d8	8.647	98	164731	50.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.060%	
62) 4-Bromofluorobenzene	11.079	95	67086	53.646	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.300%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1852	2.050	ug/l #	87
16) Acetone	2.380	43	6054	12.383	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	22054	23.490	ug/l	88
40) Benzene	6.031	78	138974	37.490	ug/l	100
52) Toluene	8.714	92	87011	38.279	ug/l	98
67) Ethyl Benzene	10.189	91	279445	58.744	ug/l	100
68) m/p-Xylenes	10.299	106	36975	21.252	ug/l	95
69) o-Xylene	10.640	106	26489	15.617	ug/l	94
73) Isopropylbenzene	10.963	105	10433	2.340	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8345	2.240	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	28813	7.638	ug/l	98
95) Naphthalene	13.774	128	1972992	494.009	ug/l	100

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

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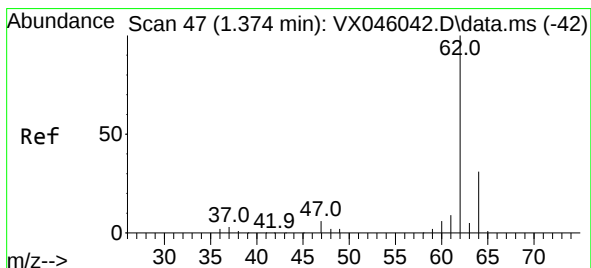
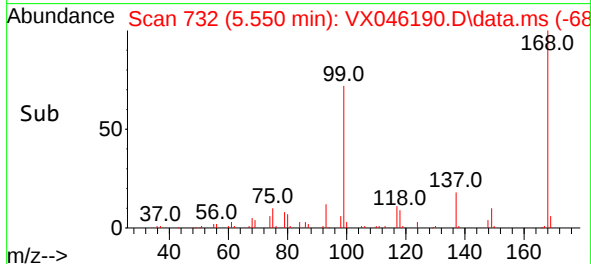
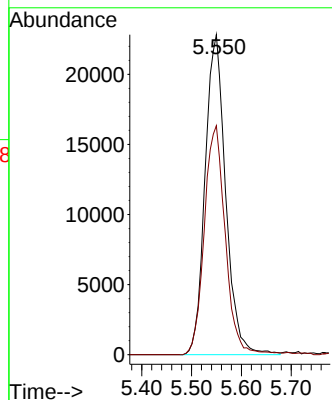
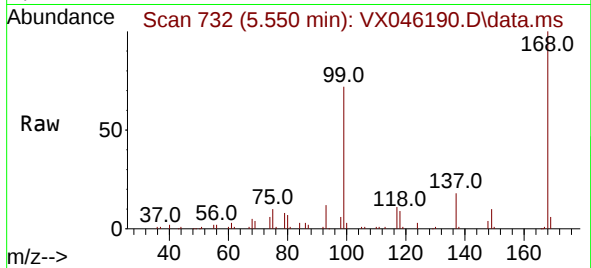




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

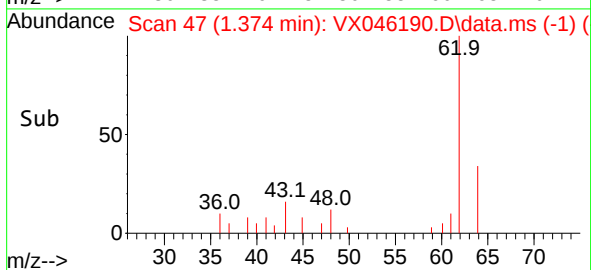
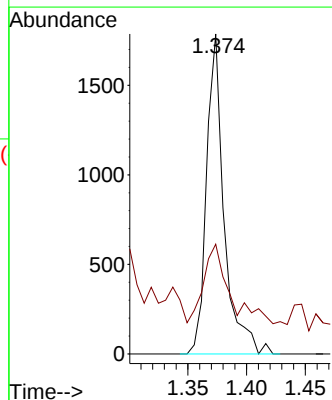
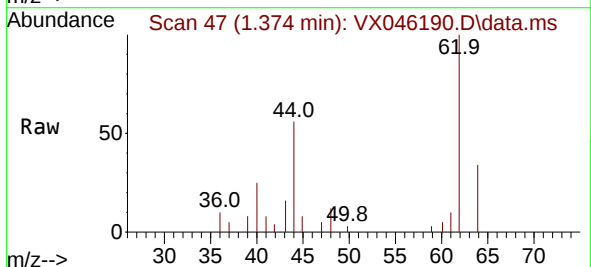
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-05-GDL

Tgt Ion:168 Resp: 65402
Ion Ratio Lower Upper
168 100
99 71.5 54.9 82.3



#4
Vinyl Chloride
Concen: 2.050 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion: 62 Resp: 1852
Ion Ratio Lower Upper
62 100
64 24.2 25.2 37.8#

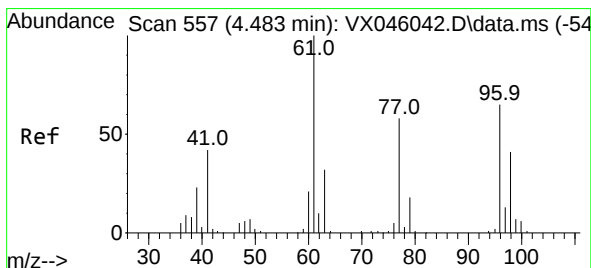
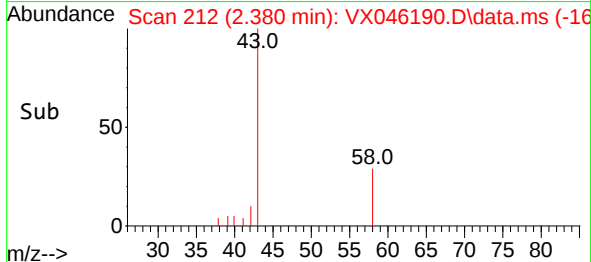
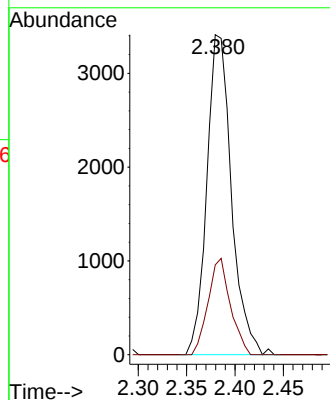
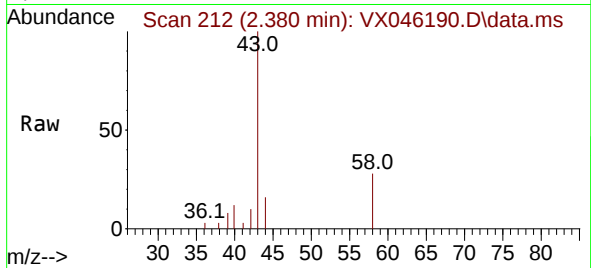




#16
Acetone
Concen: 12.383 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

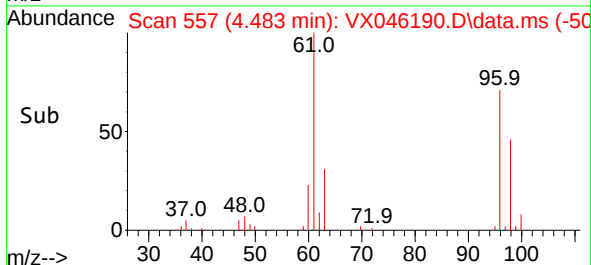
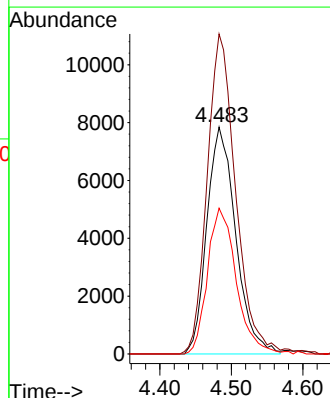
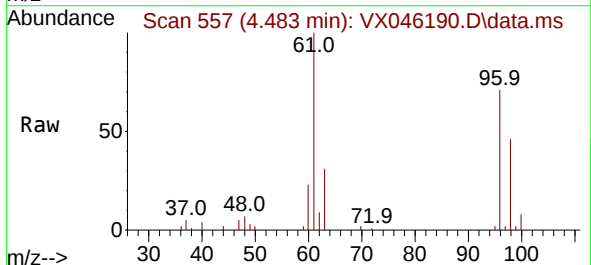
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-05-GDL

Tgt Ion: 43 Resp: 6054
Ion Ratio Lower Upper
43 100
58 28.1 21.2 31.8



#27
cis-1,2-Dichloroethene
Concen: 23.490 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion: 96 Resp: 22054
Ion Ratio Lower Upper
96 100
61 139.7 0.0 322.8
98 63.9 0.0 129.0

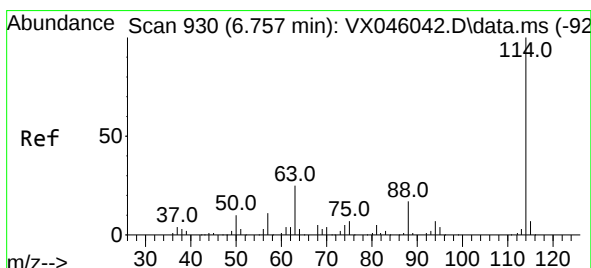
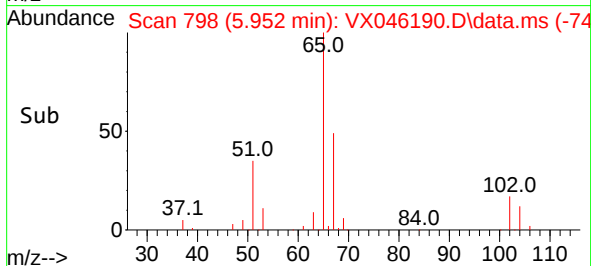
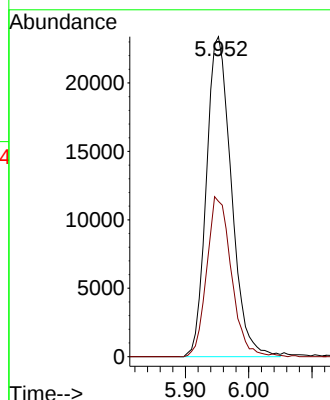
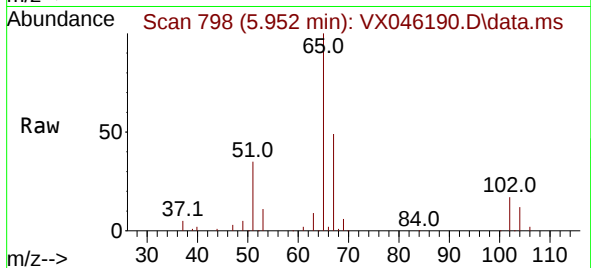




#33
 1,2-Dichloroethane-d4
 Concen: 52.549 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046190.D
 Acq: 14 May 2025 13:35

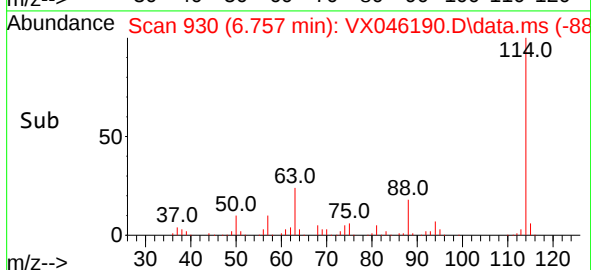
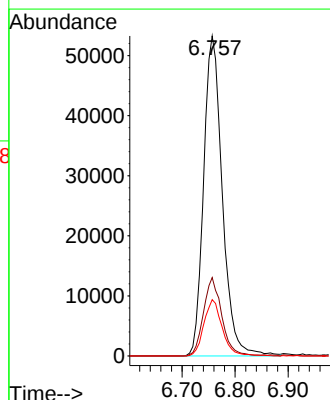
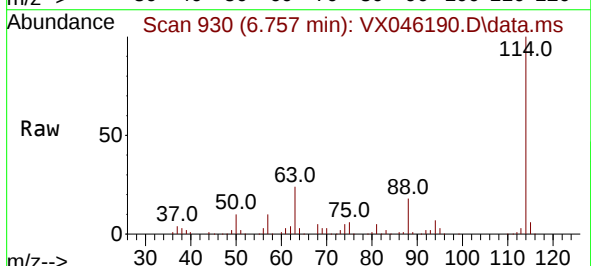
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-05-GDL

Tgt Ion: 65 Resp: 64073
 Ion Ratio Lower Upper
 65 100
 67 49.3 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: VX046190.D
 Acq: 14 May 2025 13:35

Tgt Ion: 114 Resp: 130804
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 17.6 0.0 33.6

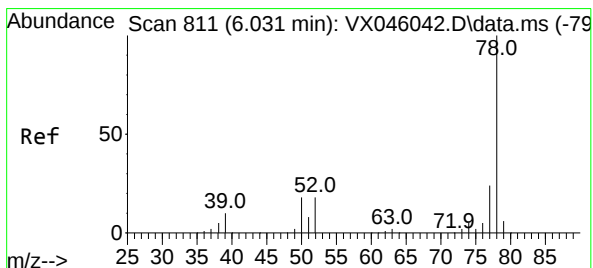
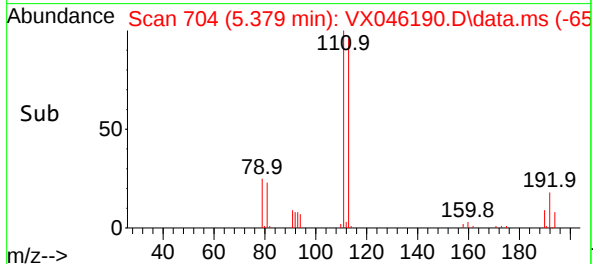
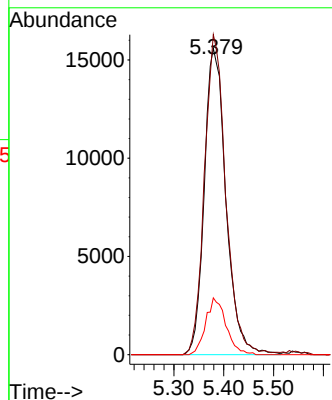
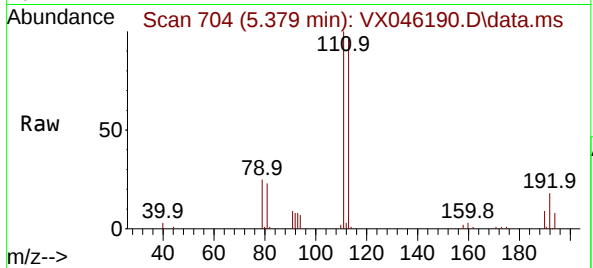




#35
Dibromofluoromethane
Concen: 50.021 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

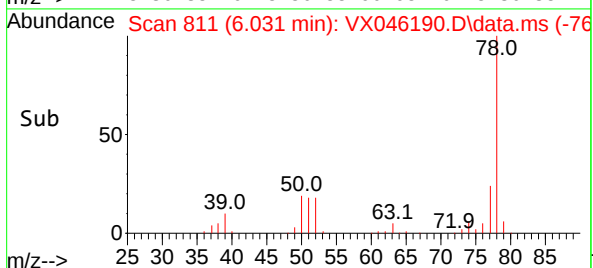
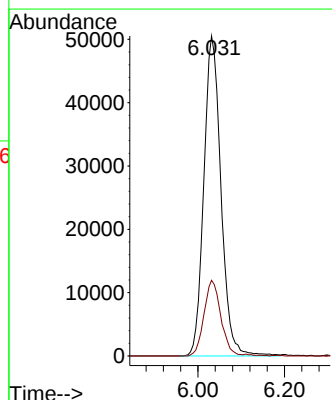
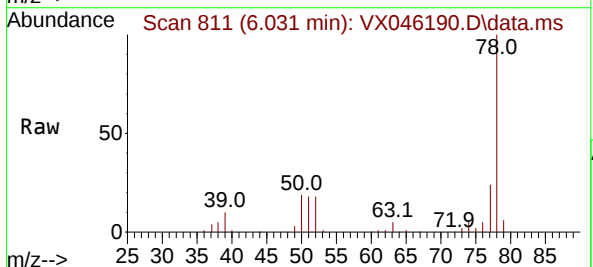
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-05-GDL

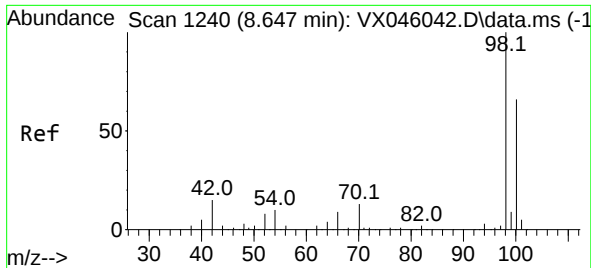
Tgt Ion:113 Resp: 47116
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 17.4 13.3 19.9



#40
Benzene
Concen: 37.490 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion: 78 Resp: 138974
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

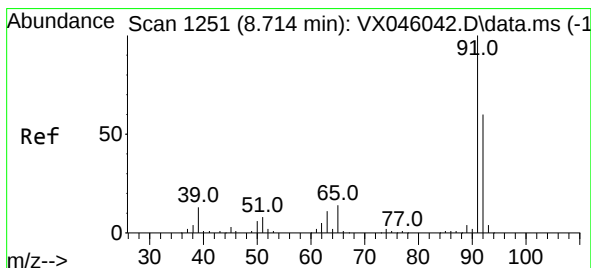
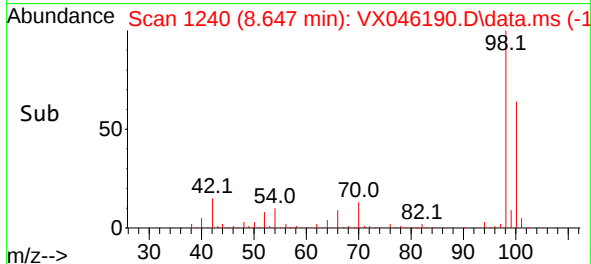
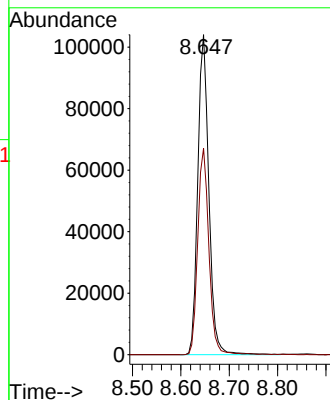
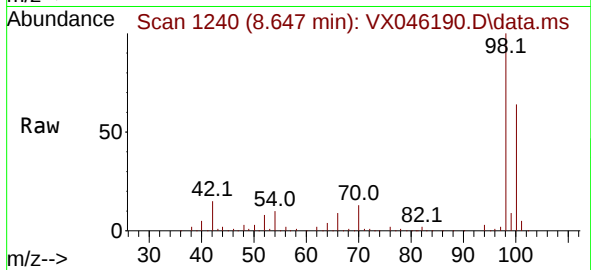




#50
Toluene-d8
Concen: 50.529 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

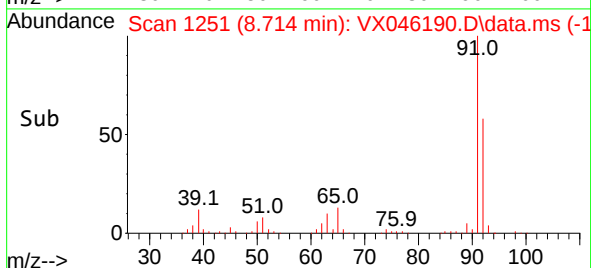
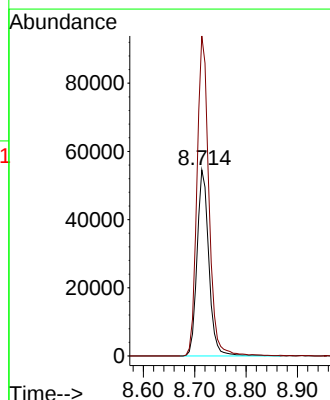
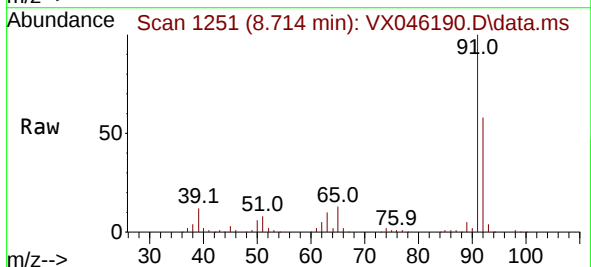
Instrument :
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ClientSampleId :
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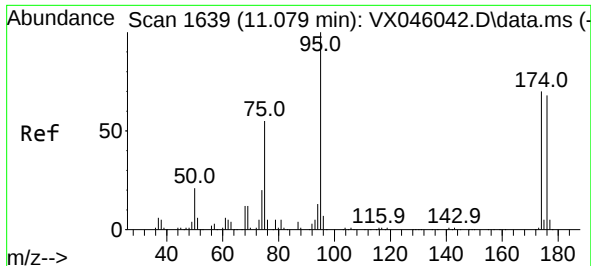
Tgt Ion: 98 Resp: 164731
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#52
Toluene
Concen: 38.279 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion: 92 Resp: 87011
Ion Ratio Lower Upper
92 100
91 173.7 136.6 205.0

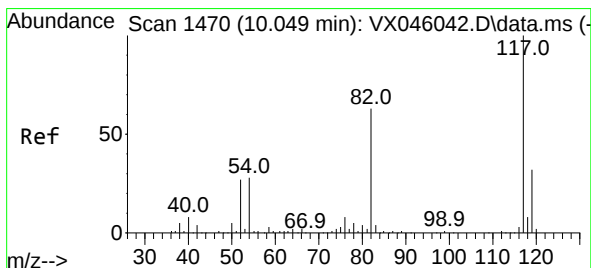
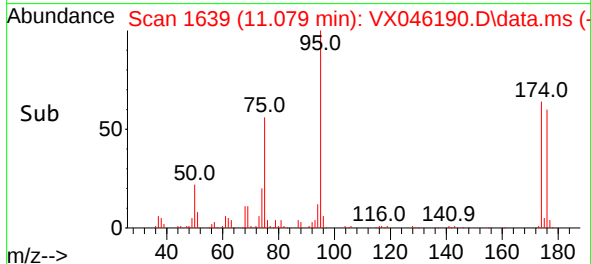
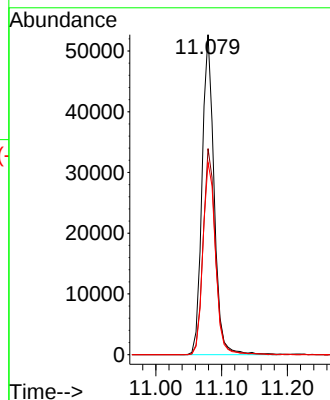
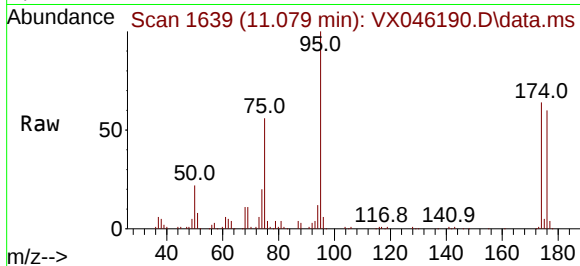




#62
4-Bromofluorobenzene
Concen: 53.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

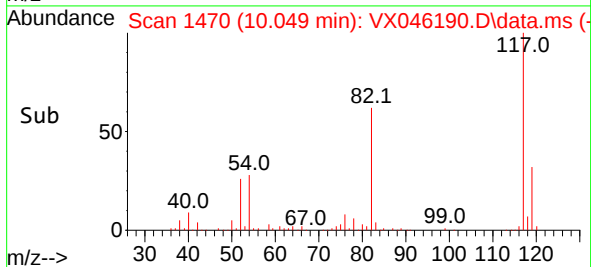
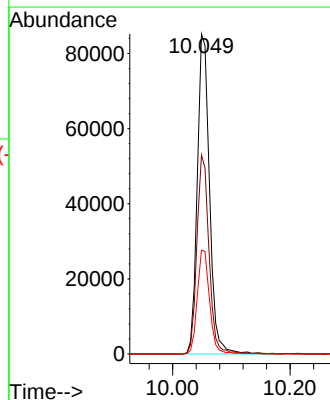
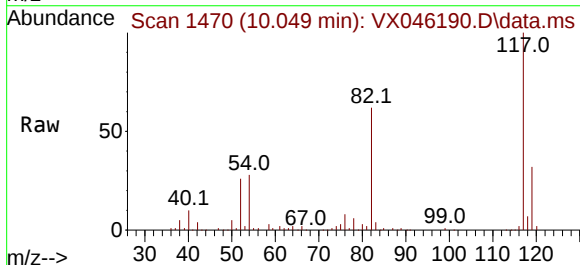
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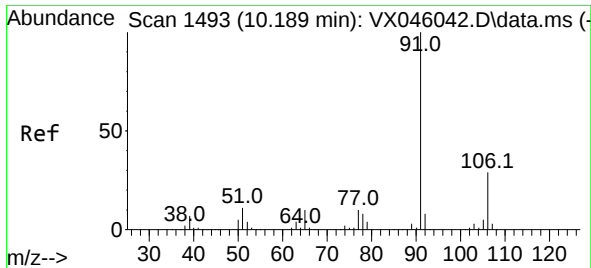
Tgt Ion: 95 Resp: 67086
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 62.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion: 117 Resp: 123296
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 32.4 25.8 38.6

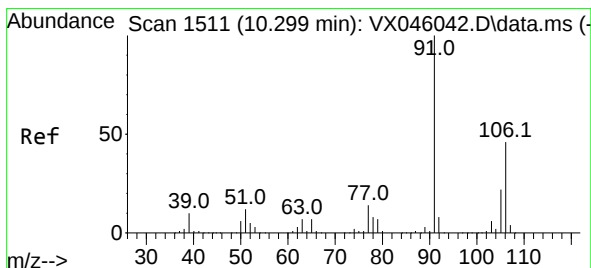
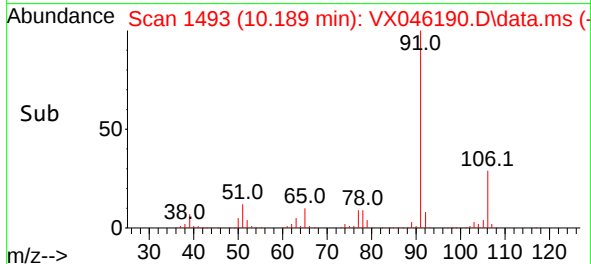
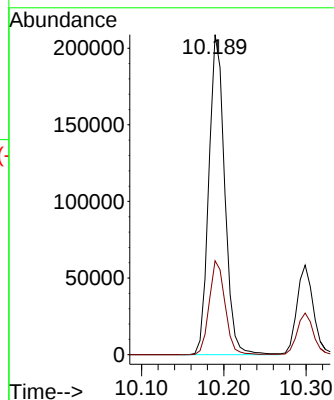
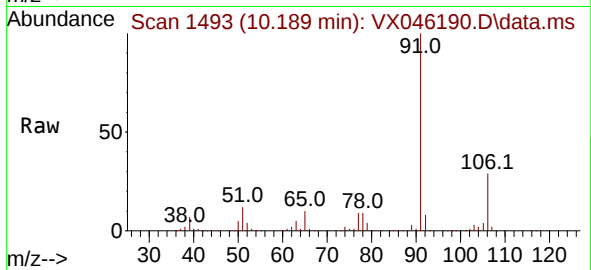




#67
Ethyl Benzene
Concen: 58.744 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

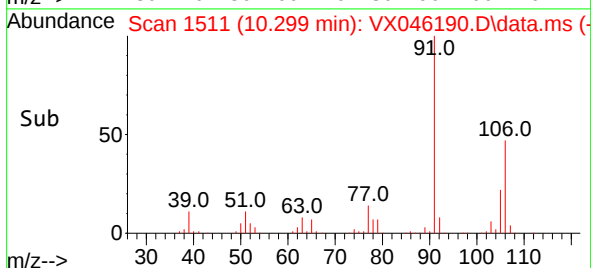
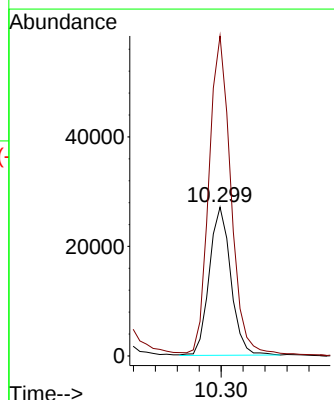
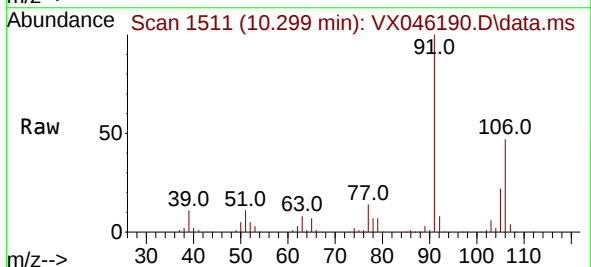
Instrument :
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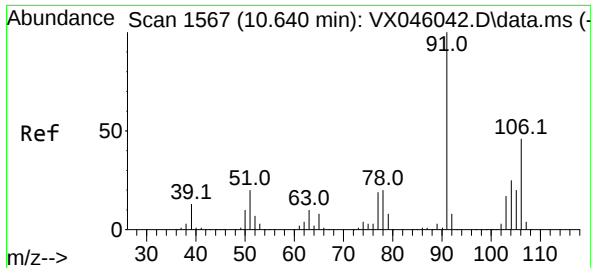
Tgt Ion: 91 Resp: 279445
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2



#68
m/p-Xylenes
Concen: 21.252 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion: 106 Resp: 36975
Ion Ratio Lower Upper
106 100
91 221.2 171.2 256.8

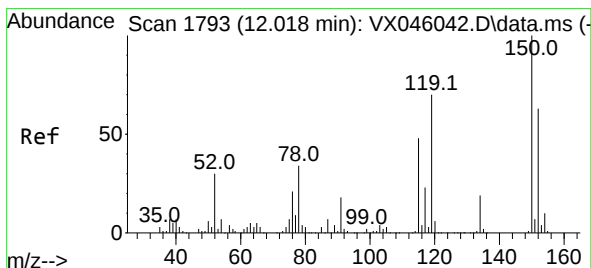
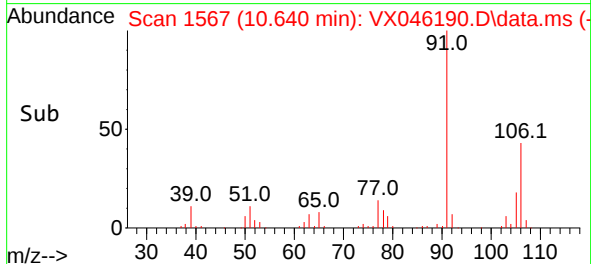
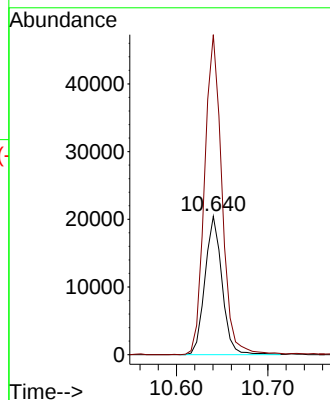
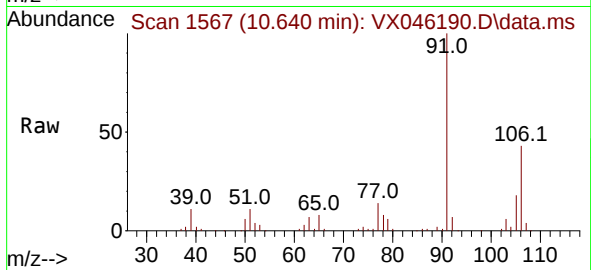




#69
o-Xylene
Concen: 15.617 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

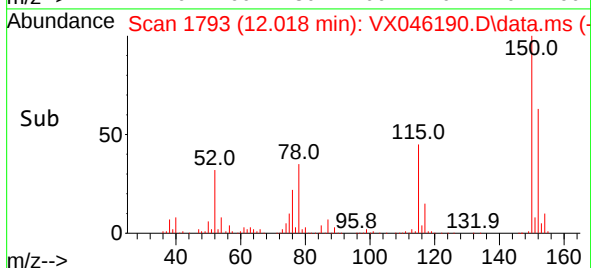
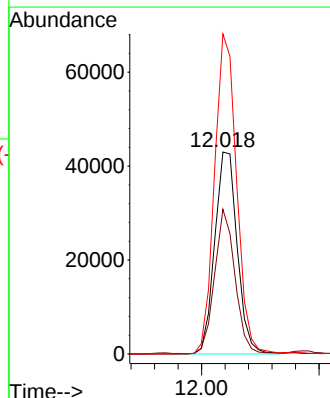
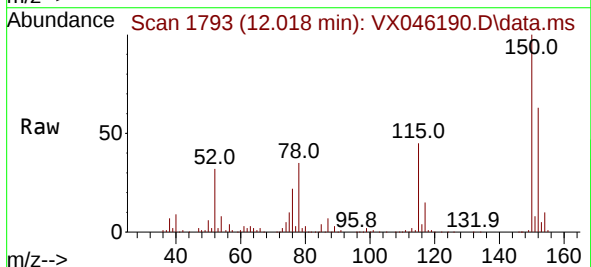
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-05-GDL

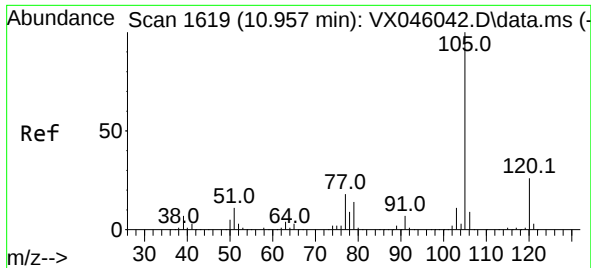
Tgt Ion:106 Resp: 26489
Ion Ratio Lower Upper
106 100
91 235.1 112.7 338.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion:152 Resp: 57275
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 155.8 0.0 351.0

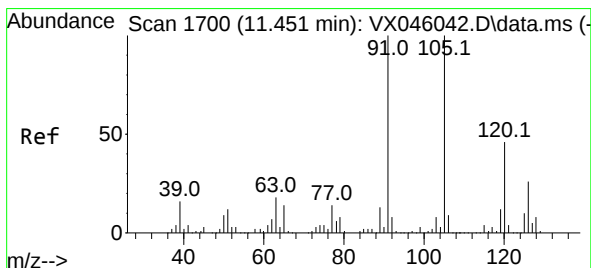
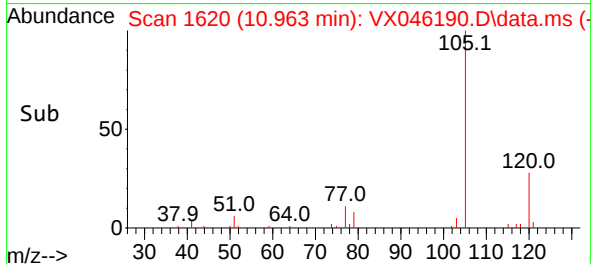
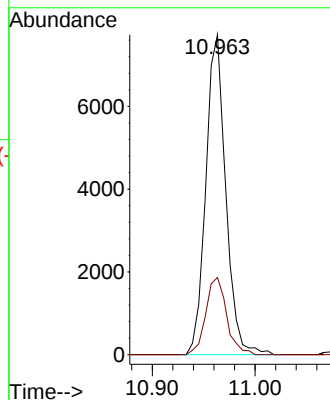
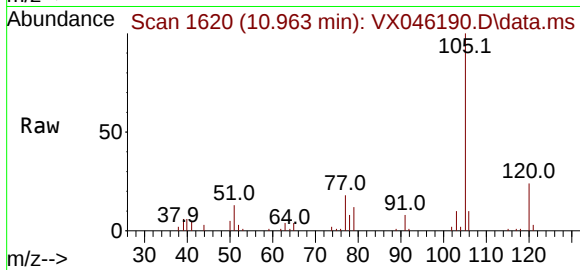




#73
Isopropylbenzene
Concen: 2.340 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

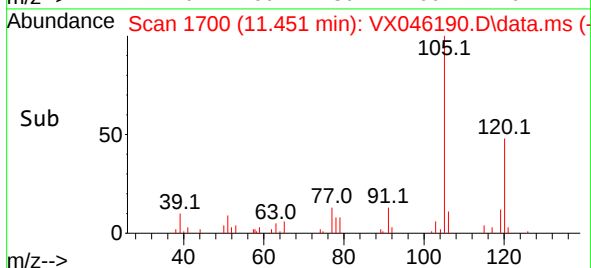
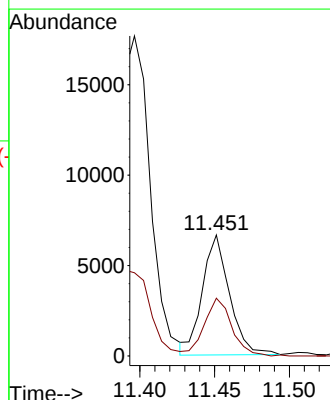
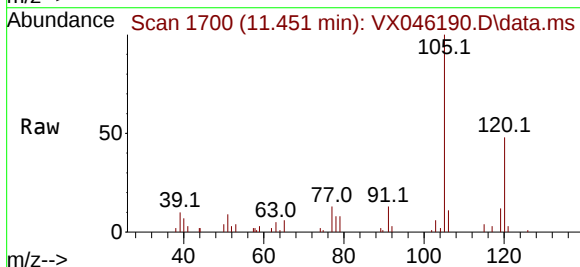
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-05-GDL

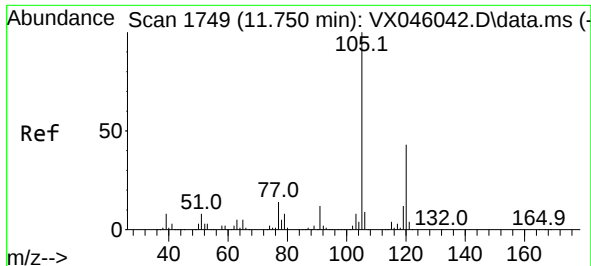
Tgt Ion:105 Resp: 10433
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4



#80
1,3,5-Trimethylbenzene
Concen: 2.240 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion:105 Resp: 8345
Ion Ratio Lower Upper
105 100
120 49.0 23.1 69.2

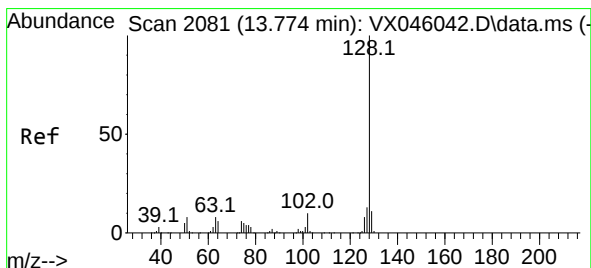
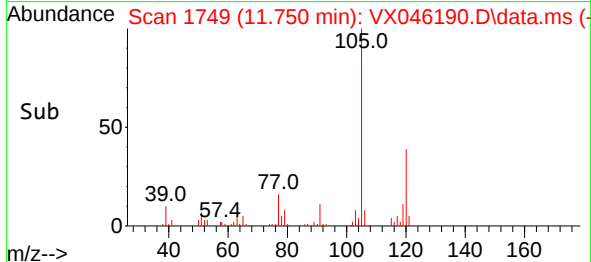
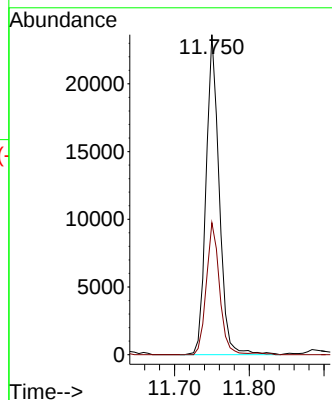
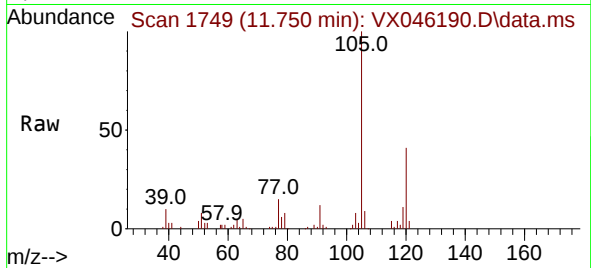




#84
1,2,4-Trimethylbenzene
Concen: 7.638 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-05-GDL

Tgt Ion:105 Resp: 28813
Ion Ratio Lower Upper
105 100
120 41.3 21.2 63.6



#95
Naphthalene
Concen: 494.009 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046190.D
Acq: 14 May 2025 13:35

Tgt Ion:128 Resp: 1972992
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 13.0

