

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046303.D
 Acq On : 21 May 2025 17:25
 Operator : JC/MD
 Sample : Q2096-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50684

Quant Time: May 22 04:09:42 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)

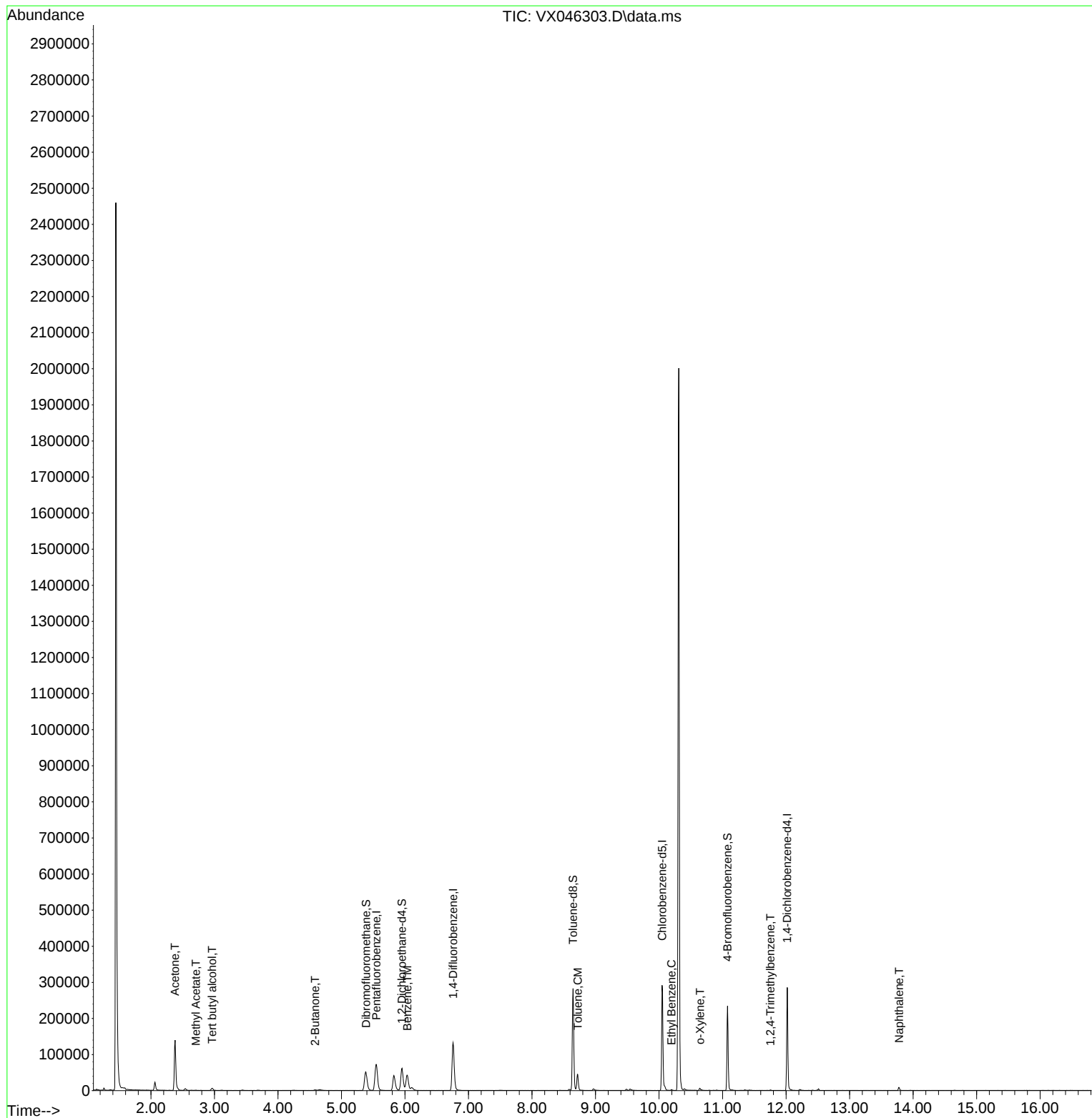
Internal Standards						
1) Pentafluorobenzene	5.550	168	61373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62101	54.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.560%	
35) Dibromofluoromethane	5.385	113	44869	49.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.960%	
50) Toluene-d8	8.647	98	155911	49.678	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	11.079	95	62344	51.786	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.580%	
Target Compounds						
11) Tert butyl alcohol	2.965	59	4043	25.173	ug/l #	83
16) Acetone	2.380	43	148189	323.016	ug/l	99
18) Methyl Acetate	2.709	43	772	0.725	ug/l #	77
25) 2-Butanone	4.586	43	3923	5.890	ug/l #	85
40) Benzene	6.037	78	50807	14.237	ug/l	99
52) Toluene	8.720	92	17328	7.919	ug/l	99
67) Ethyl Benzene	10.195	91	1762	0.385	ug/l	97
69) o-Xylene	10.646	106	1217	0.745	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	888	0.265	ug/l	93
95) Naphthalene	13.780	128	6410	1.807	ug/l #	95

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Title : SW846 8260
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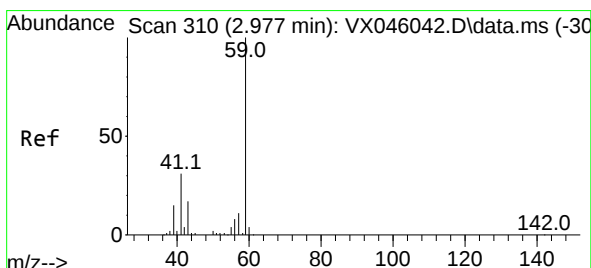
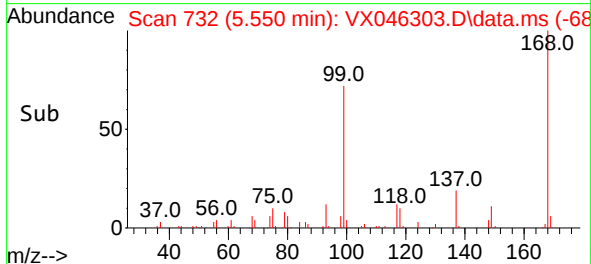
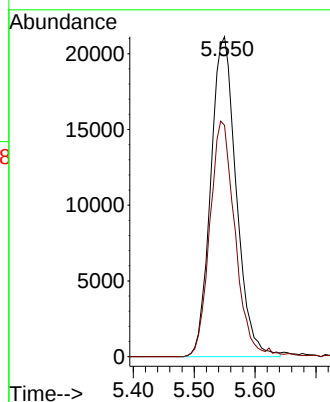
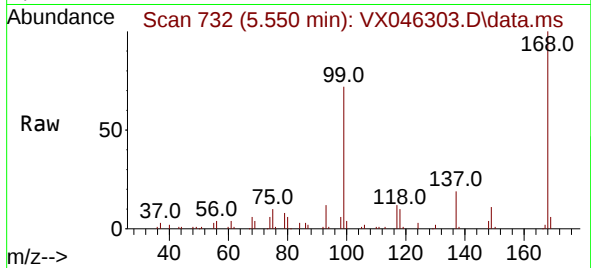




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

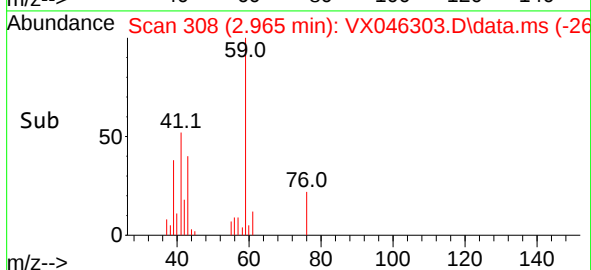
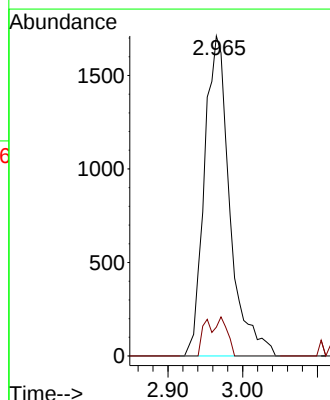
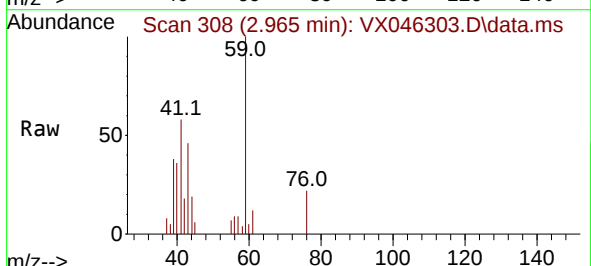
Instrument :
MSVOA_X
ClientSampleId :
50684

Tgt Ion:168 Resp: 61373
Ion Ratio Lower Upper
168 100
99 72.3 54.9 82.3



#11
Tert butyl alcohol
Concen: 25.173 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion: 59 Resp: 4043
Ion Ratio Lower Upper
59 100
57 4.4 8.6 12.8#

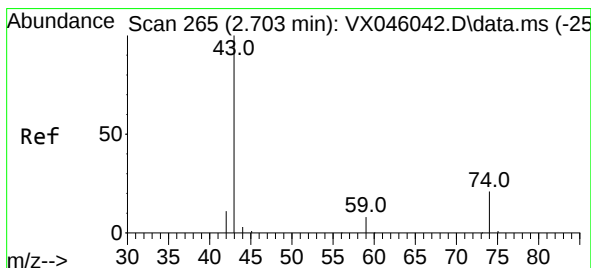
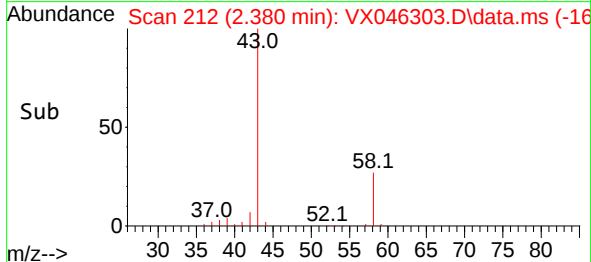
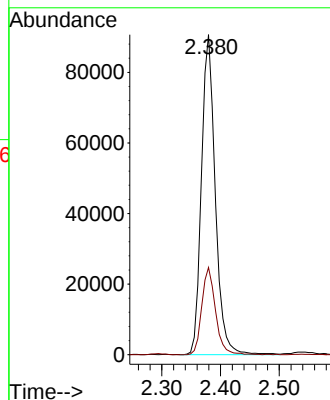
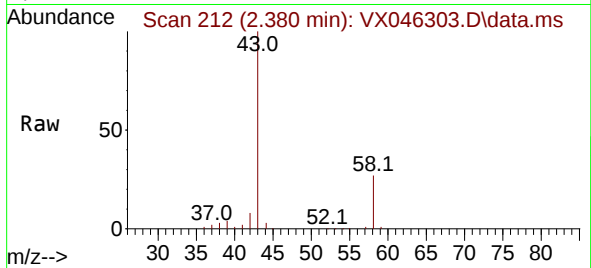




#16
Acetone
Concen: 323.016 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

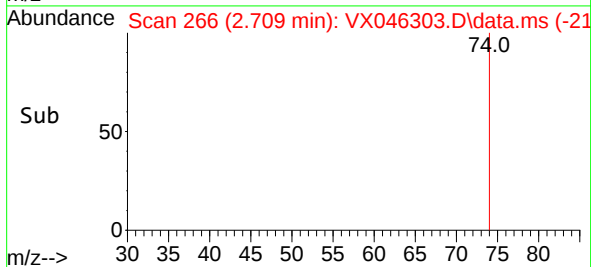
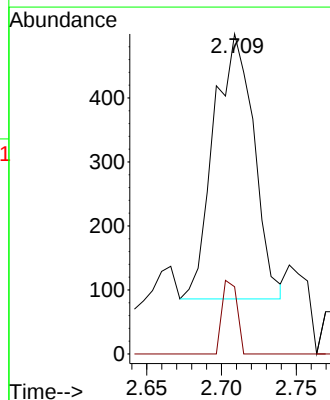
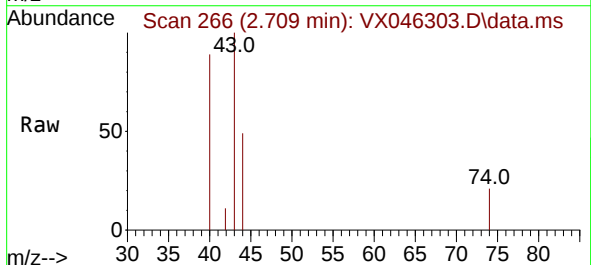
Instrument :
MSVOA_X
ClientSampleId :
50684

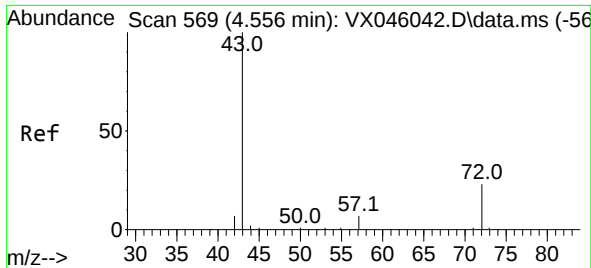
Tgt Ion: 43 Resp: 148189
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8



#18
Methyl Acetate
Concen: 0.725 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion: 43 Resp: 772
Ion Ratio Lower Upper
43 100
74 10.4 16.7 25.1#

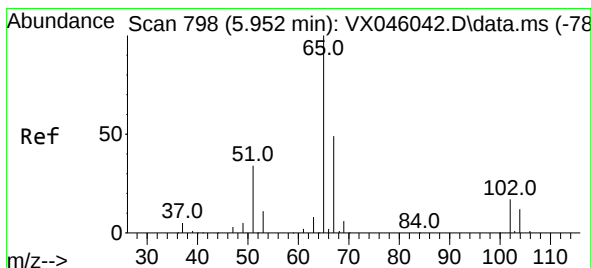
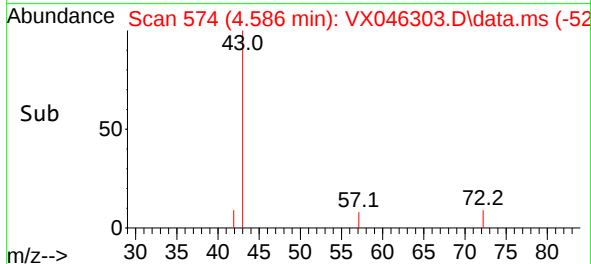
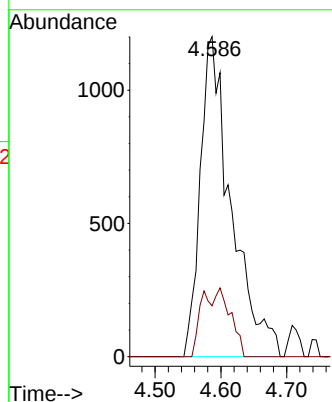
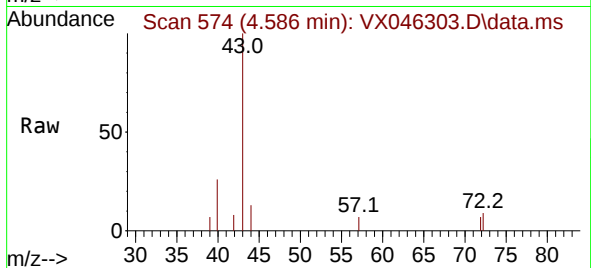




#25
2-Butanone
Concen: 5.890 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

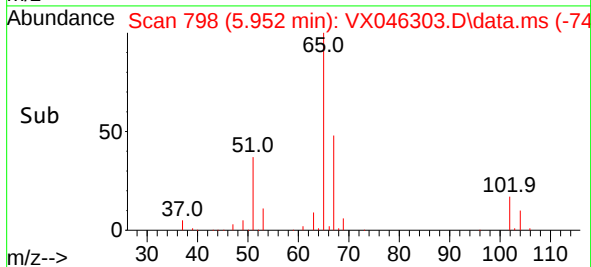
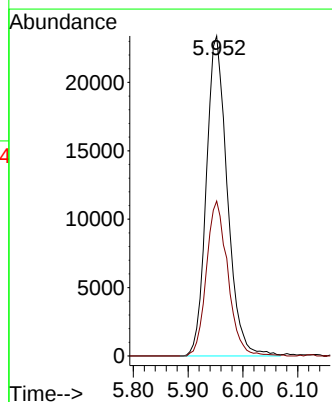
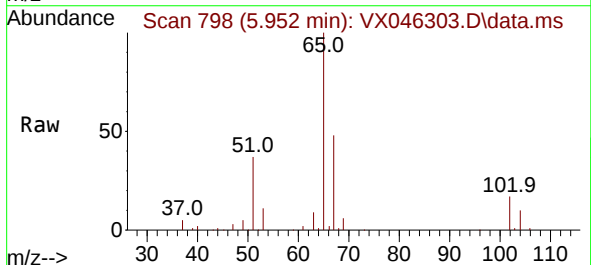
Instrument :
MSVOA_X
ClientSampleId :
50684

Tgt Ion: 43 Resp: 3923
Ion Ratio Lower Upper
43 100
72 15.9 18.4 27.6#



#33
1,2-Dichloroethane-d4
Concen: 54.275 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion: 65 Resp: 62101
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

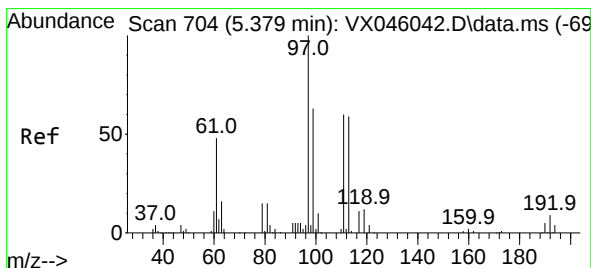
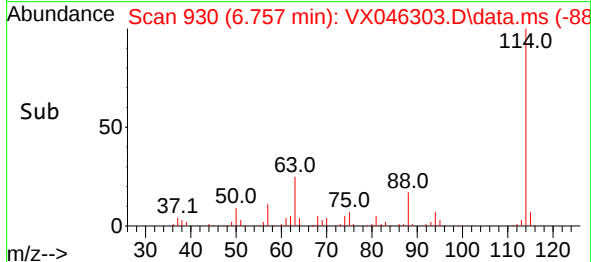
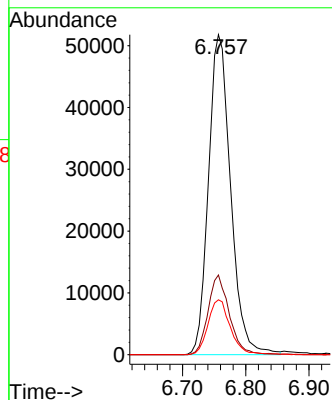
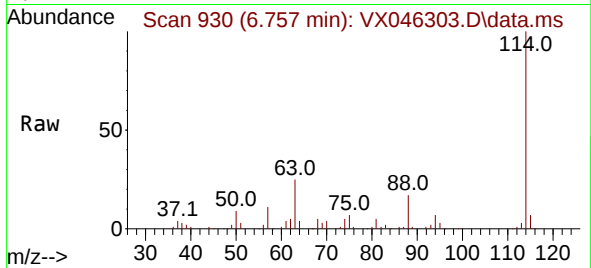




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

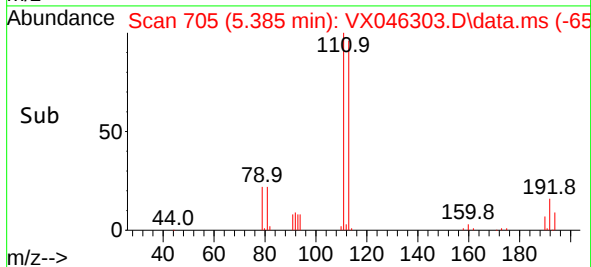
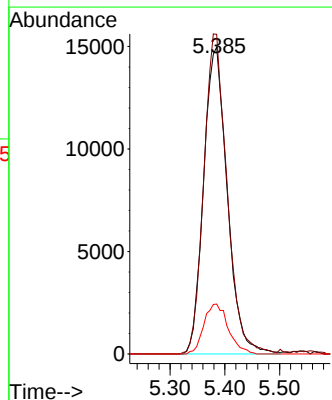
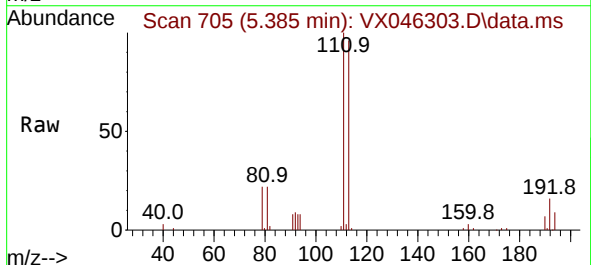
Instrument :
MSVOA_X
ClientSampleId :
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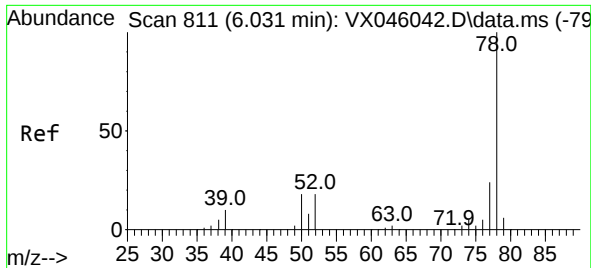
Tgt Ion:114 Resp: 125922
Ion Ratio Lower Upper
114 100
63 24.9 0.0 49.2
88 17.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.482 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion:113 Resp: 44869
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.8 13.3 19.9

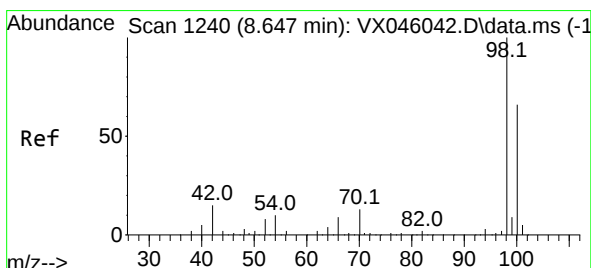
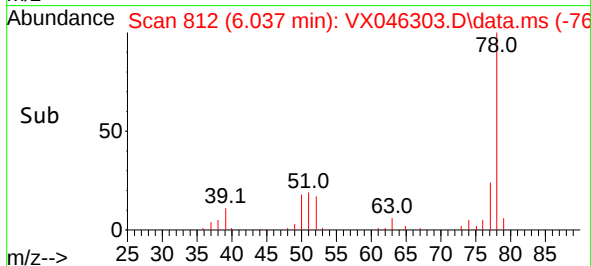
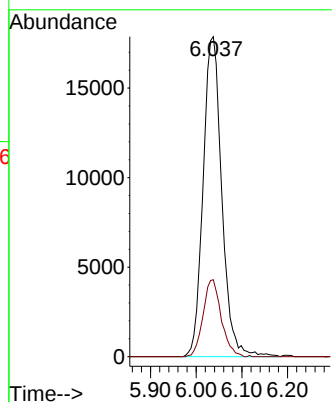
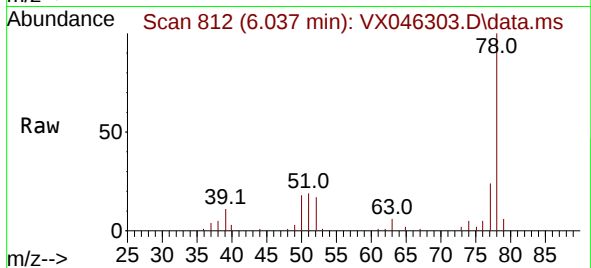




#40
Benzene
Concen: 14.237 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

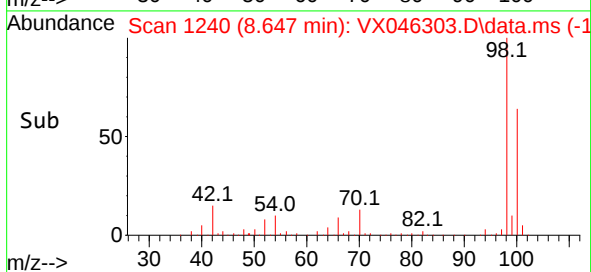
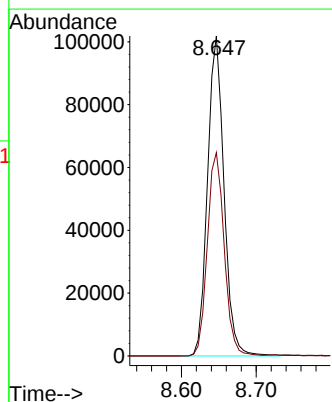
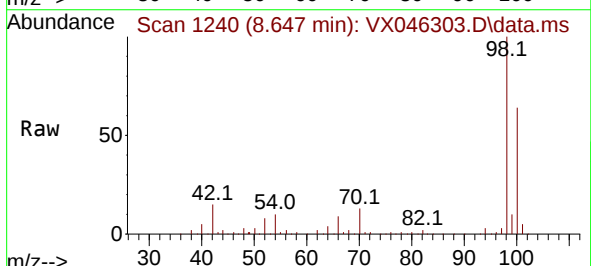
Instrument :
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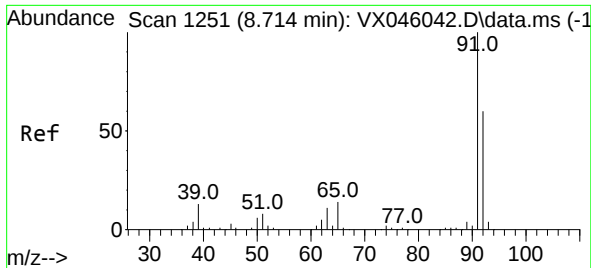
Tgt Ion: 78 Resp: 50807
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



#50
Toluene-d8
Concen: 49.678 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion: 98 Resp: 155911
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3

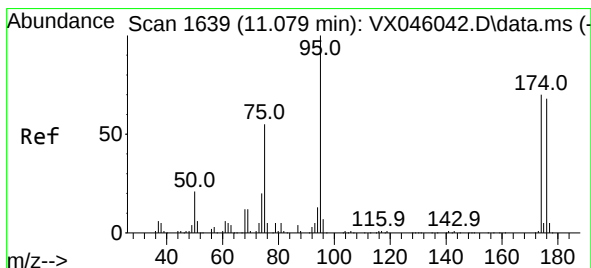
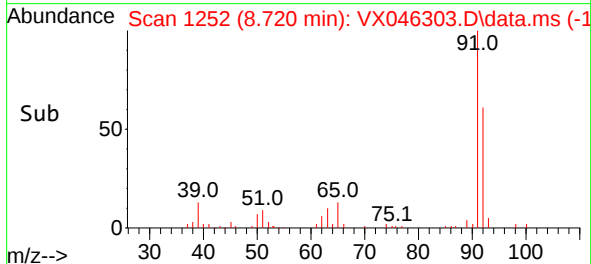
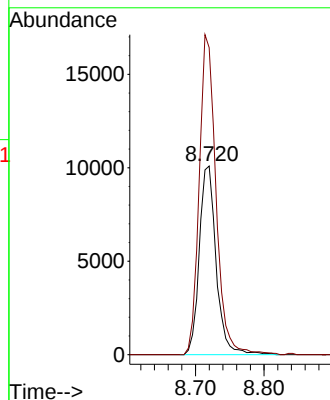
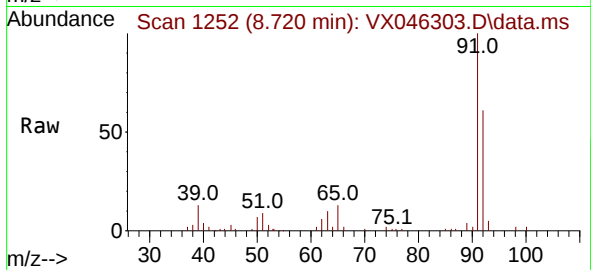




#52
Toluene
Concen: 7.919 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

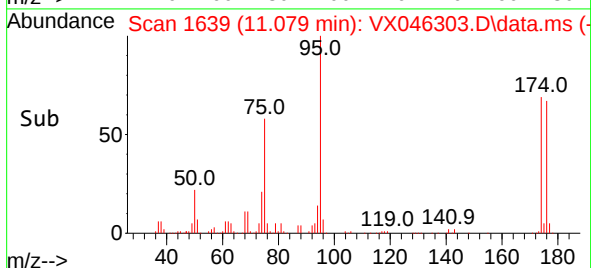
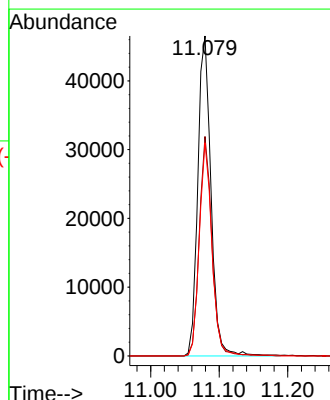
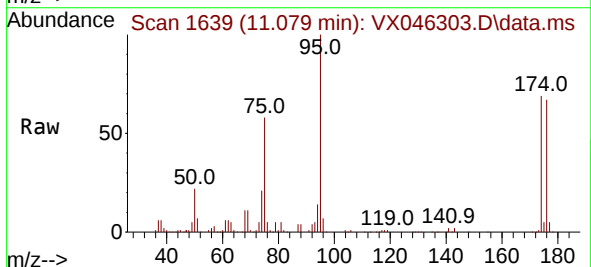
Instrument :
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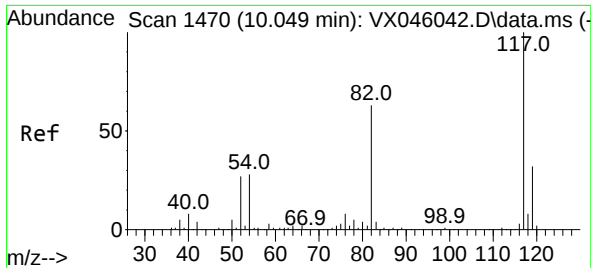
Tgt Ion: 92 Resp: 17328
Ion Ratio Lower Upper
92 100
91 169.0 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion: 95 Resp: 62344
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.8
176 63.9 0.0 131.4

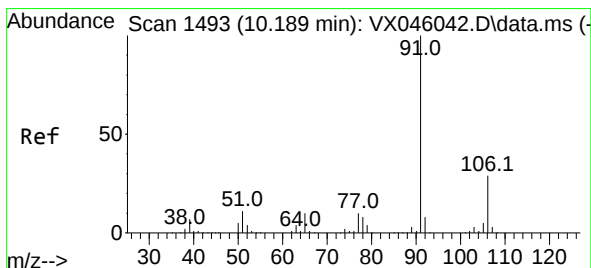
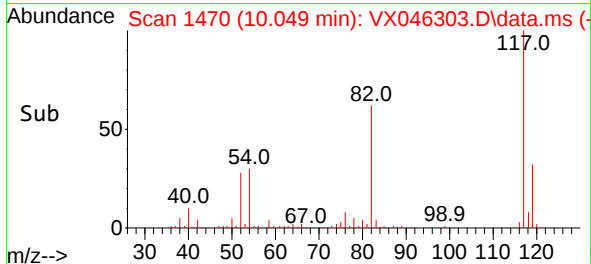
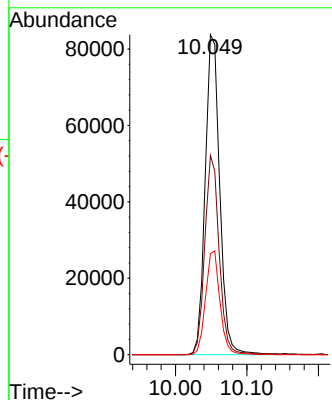
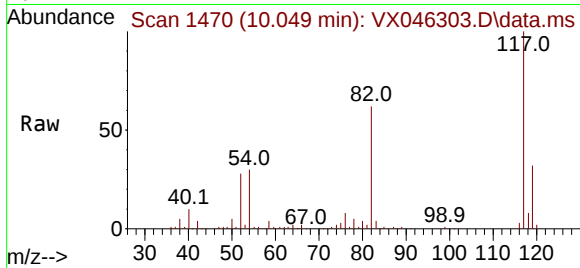




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

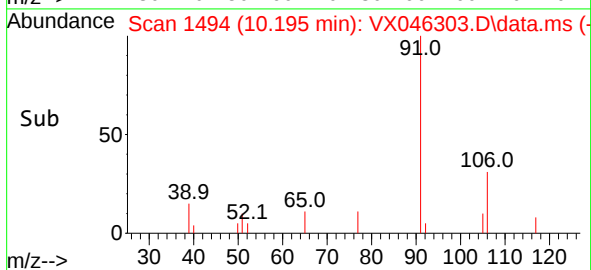
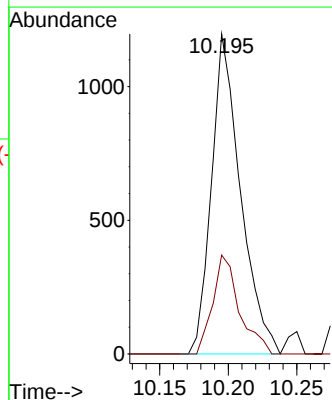
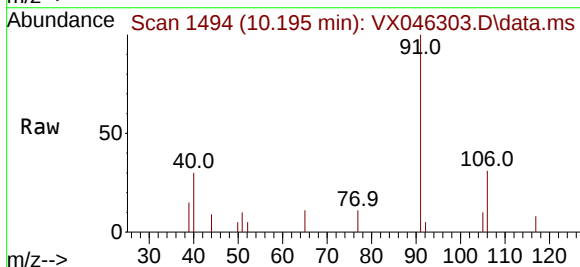
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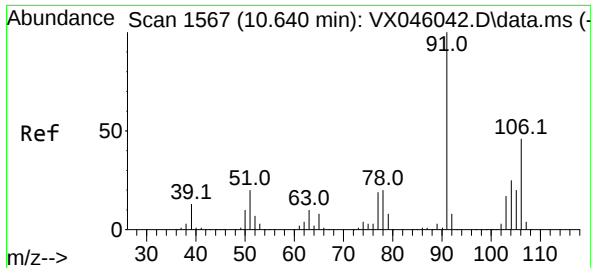
Tgt Ion:117 Resp: 118738
Ion Ratio Lower Upper
117 100
82 62.3 50.6 76.0
119 31.6 25.8 38.6



#67
Ethyl Benzene
Concen: 0.385 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion: 91 Resp: 1762
Ion Ratio Lower Upper
91 100
106 30.9 23.4 35.2

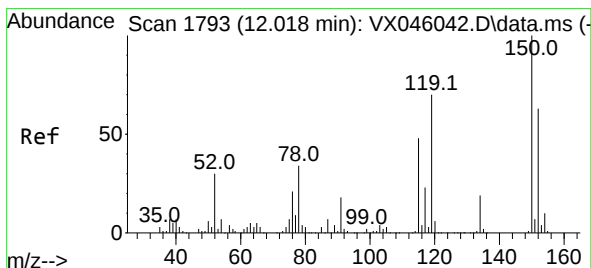
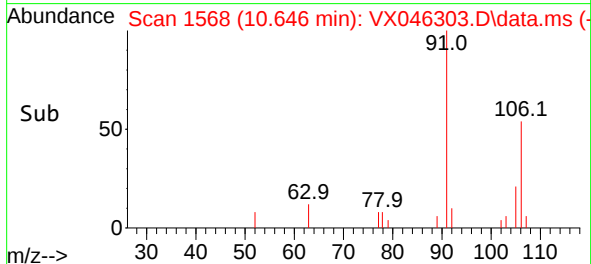
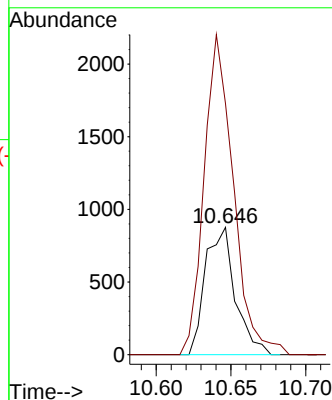
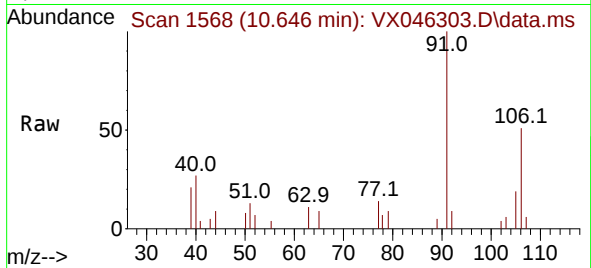




#69
o-Xylene
Concen: 0.745 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

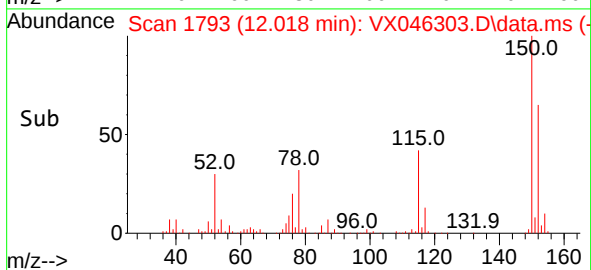
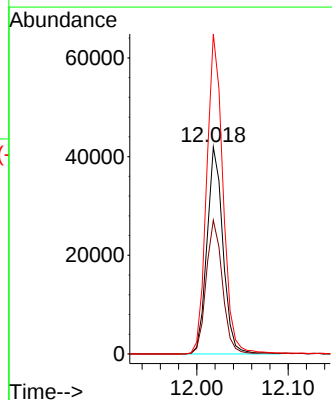
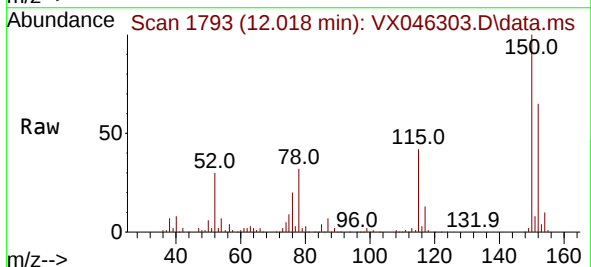
Instrument :
MSVOA_X
ClientSampleId :
50684

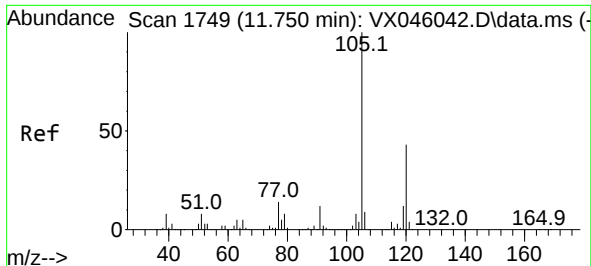
Tgt Ion:106 Resp: 1217
Ion Ratio Lower Upper
106 100
91 246.8 112.7 338.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion:152 Resp: 50877
Ion Ratio Lower Upper
152 100
115 65.9 46.9 140.7
150 157.2 0.0 351.0

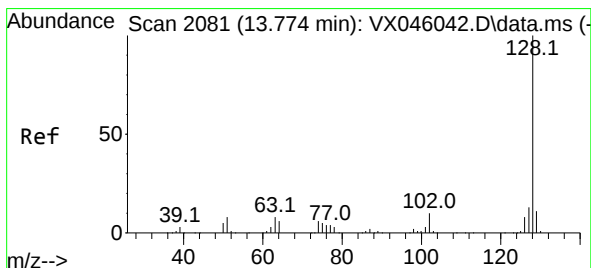
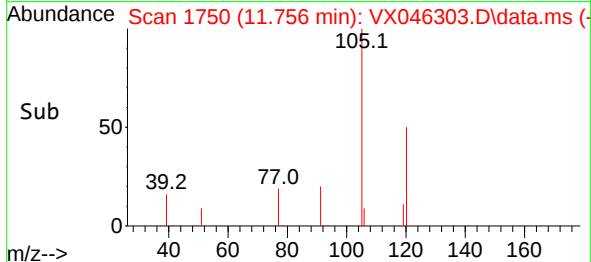
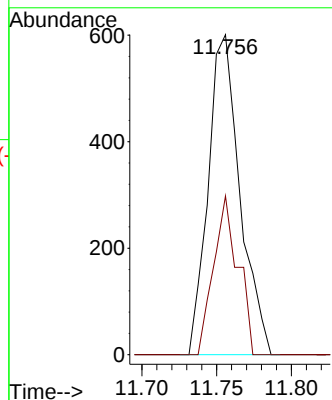
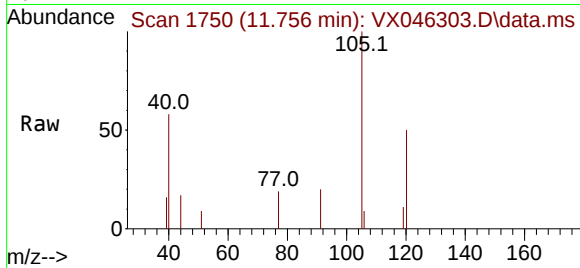




#84
1,2,4-Trimethylbenzene
Concen: 0.265 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Instrument :
MSVOA_X
ClientSampleId :
50684

Tgt Ion:105 Resp: 888
Ion Ratio Lower Upper
105 100
120 38.0 21.2 63.6



#95
Naphthalene
Concen: 1.807 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046303.D
Acq: 21 May 2025 17:25

Tgt Ion:128 Resp: 6410
Ion Ratio Lower Upper
128 100
127 10.3 10.4 15.6#
129 9.5 8.6 13.0

