

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046192.D
 Acq On : 14 May 2025 14:22
 Operator : JC/MD
 Sample : Q2001-13DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A1-07-GDL

Quant Time: May 15 01:23:07 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)

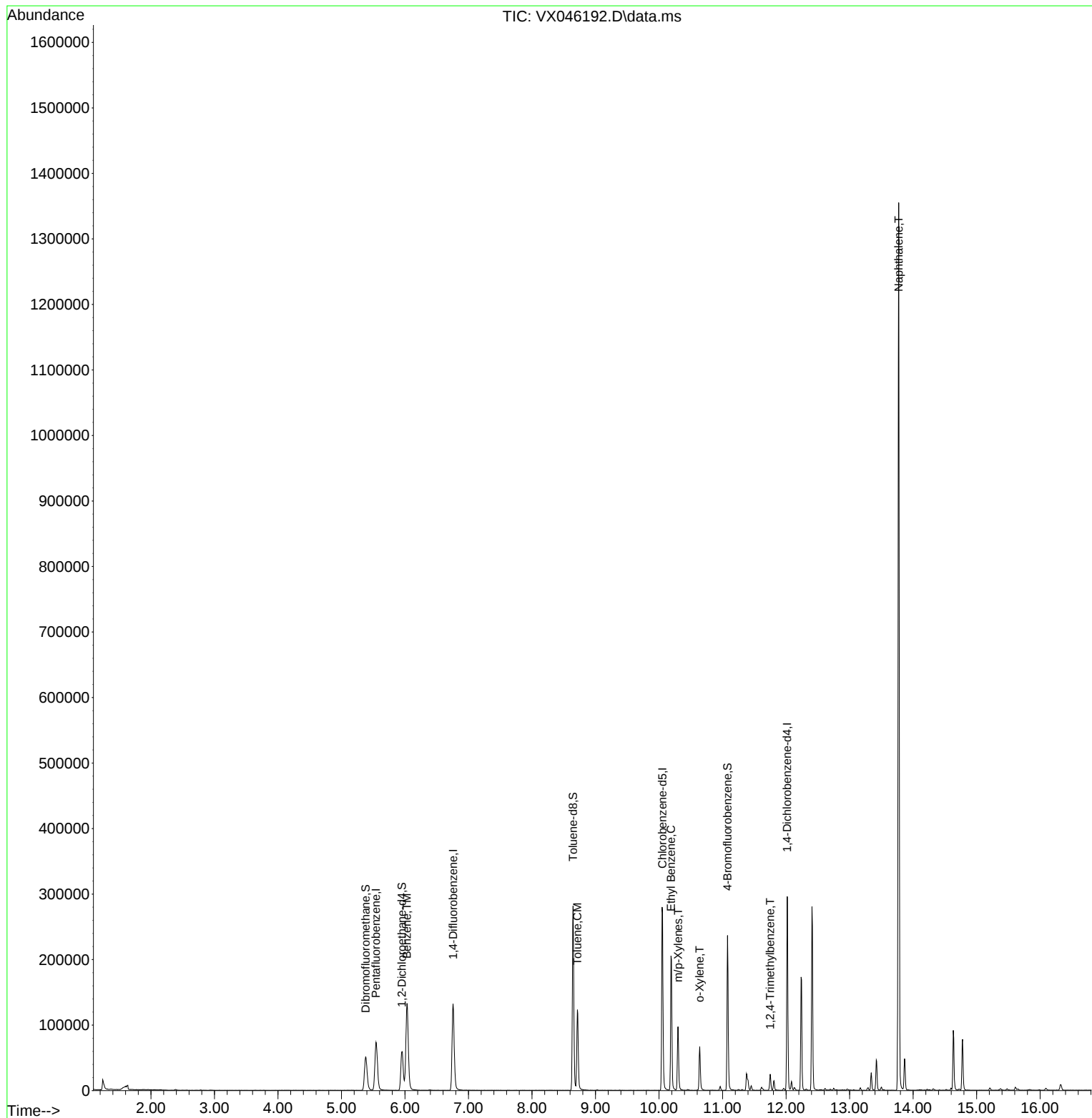
Internal Standards						
1) Pentafluorobenzene	5.544	168	63191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61821	52.476	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.960%			
35) Dibromofluoromethane	5.379	113	44810	49.638	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%			
50) Toluene-d8	8.647	98	158971	50.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.760%			
62) 4-Bromofluorobenzene	11.079	95	63423	52.918	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.840%			
Target Compounds					Qvalue	
40) Benzene	6.031	78	153767	43.281	ug/l	98
52) Toluene	8.714	92	45279	20.785	ug/l	98
67) Ethyl Benzene	10.189	91	121415	25.934	ug/l	100
68) m/p-Xylenes	10.299	106	20232	11.816	ug/l	89
69) o-Xylene	10.640	106	13381	8.016	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	10429	2.967	ug/l	99
95) Naphthalene	13.774	128	757191	203.489	ug/l	100

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

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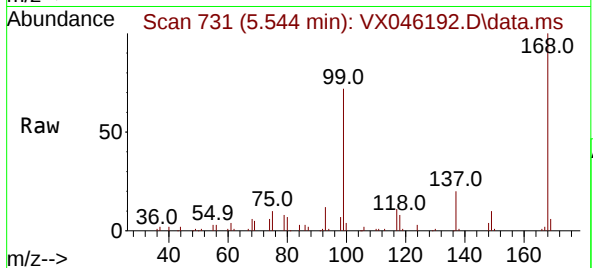
Quant Time: May 15 01:23:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



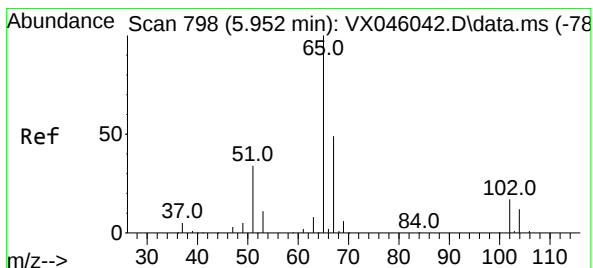
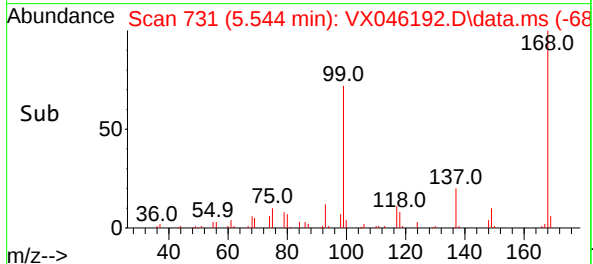
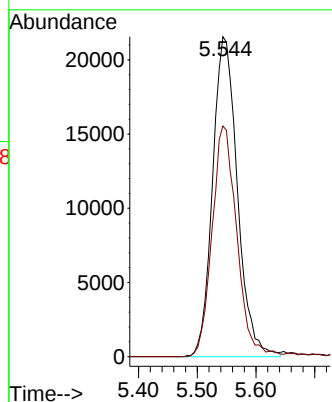


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-07-GDL

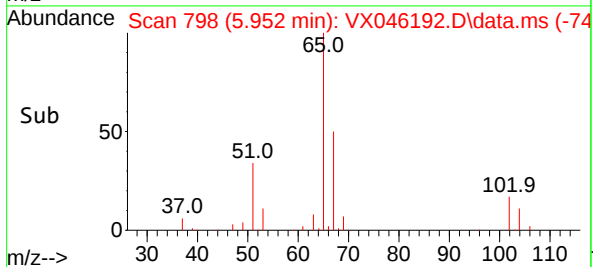
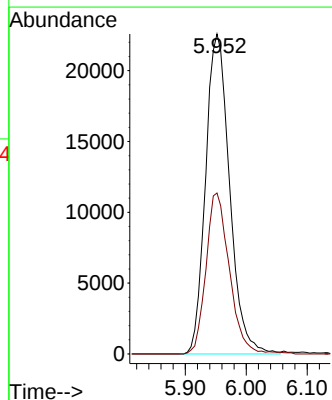
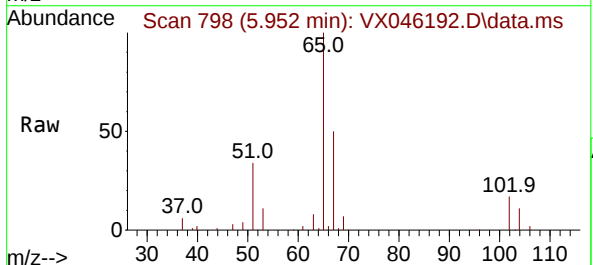


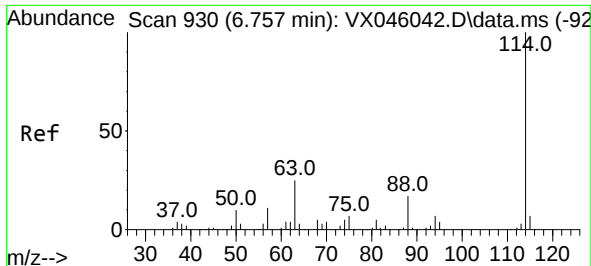
Tgt Ion:168 Resp: 63191
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 52.476 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Tgt Ion: 65 Resp: 61821
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

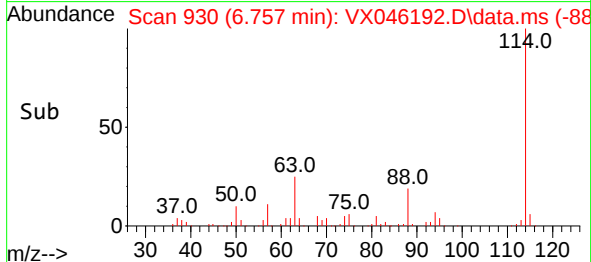
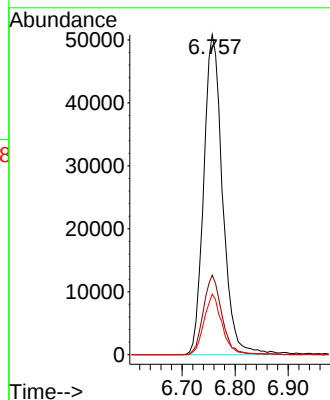
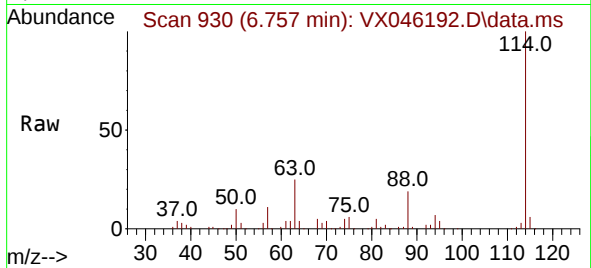




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

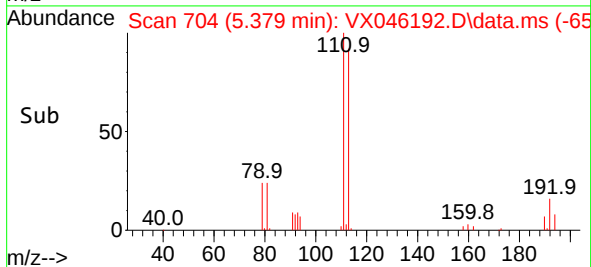
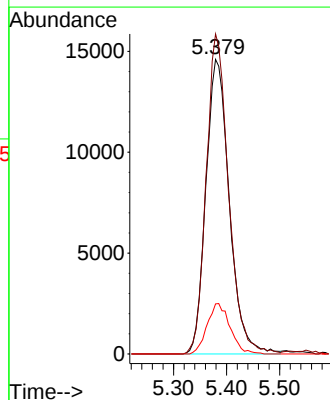
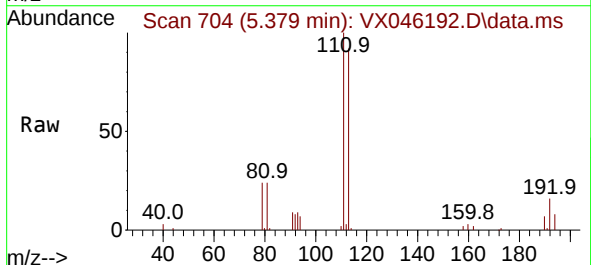
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ClientSampleId :
WC-A1-07-GDL

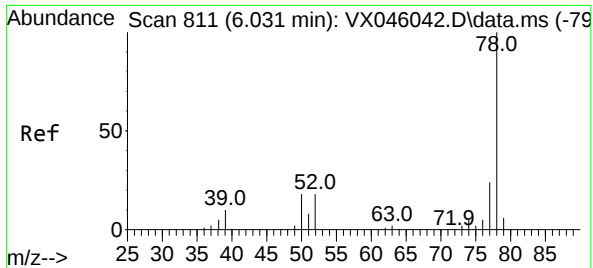
Tgt Ion:114 Resp: 125362
Ion Ratio Lower Upper
114 100
63 24.8 0.0 49.2
88 19.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.638 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Tgt Ion:113 Resp: 44810
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 16.8 13.3 19.9

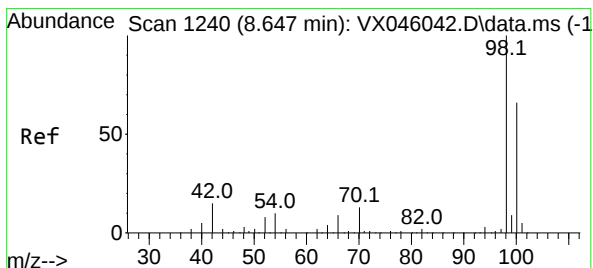
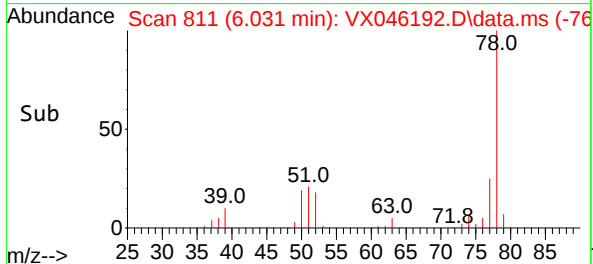
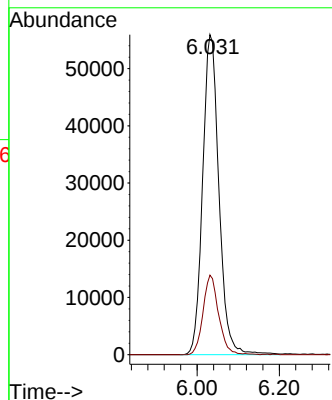
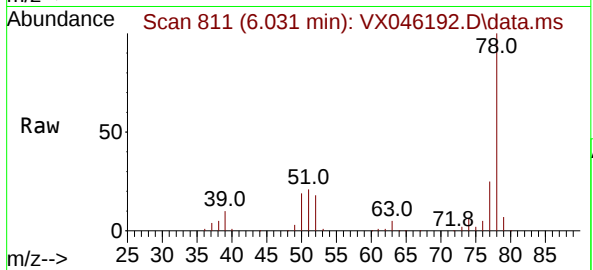




#40
Benzene
Concen: 43.281 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

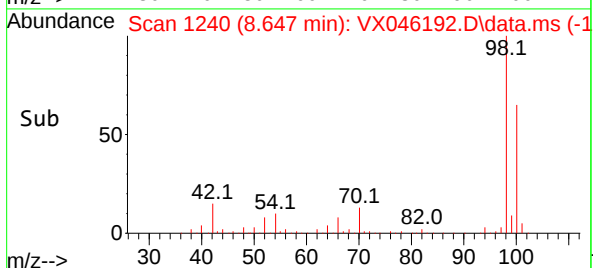
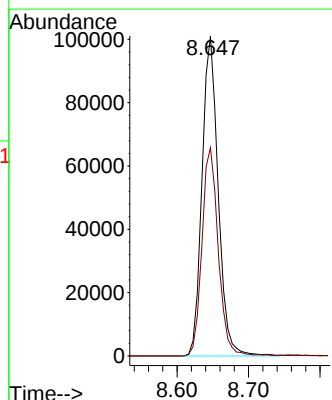
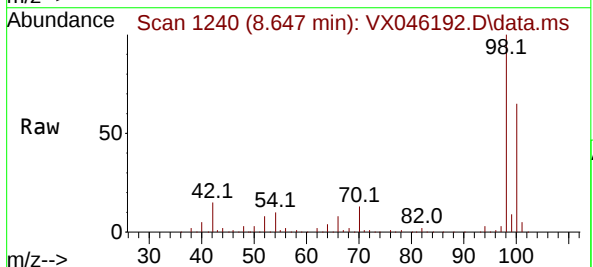
Instrument :
MSVOA_X
ClientSampleId :
WC-A1-07-GDL

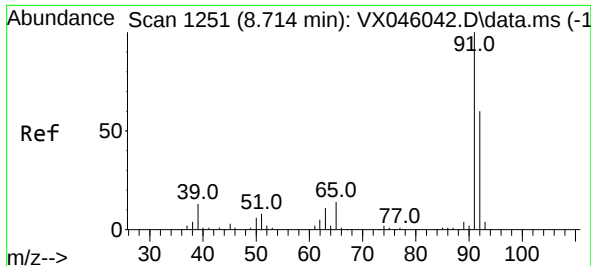
Tgt Ion: 78 Resp: 153767
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4



#50
Toluene-d8
Concen: 50.879 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Tgt Ion: 98 Resp: 158971
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

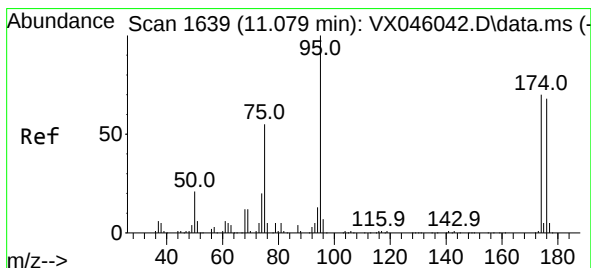
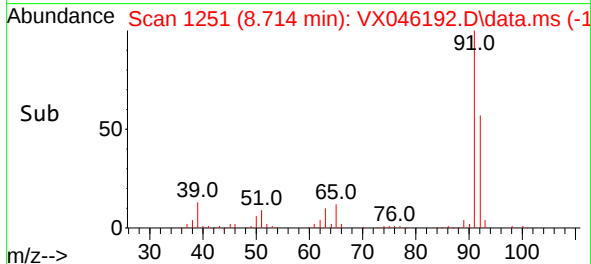
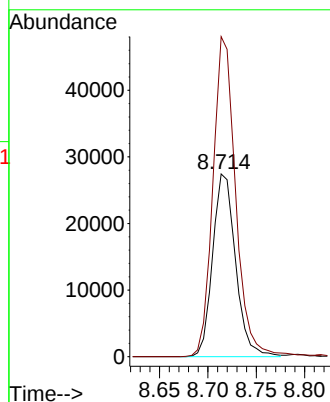
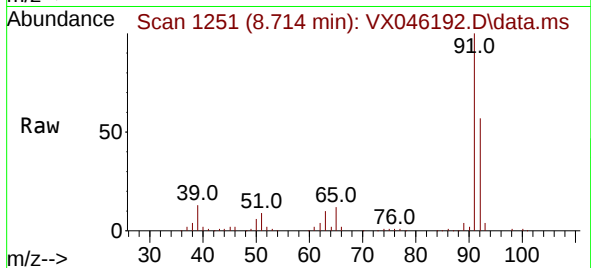




#52
Toluene
Concen: 20.785 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

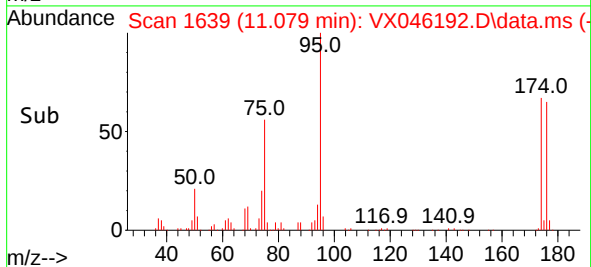
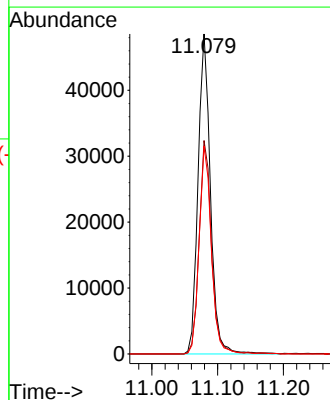
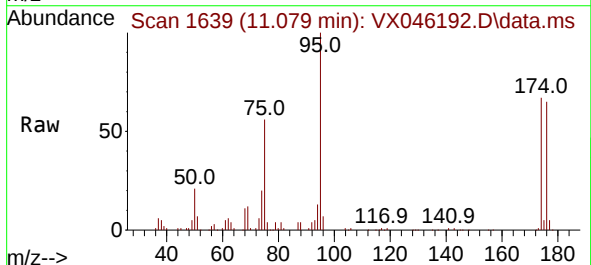
Instrument :
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ClientSampleId :
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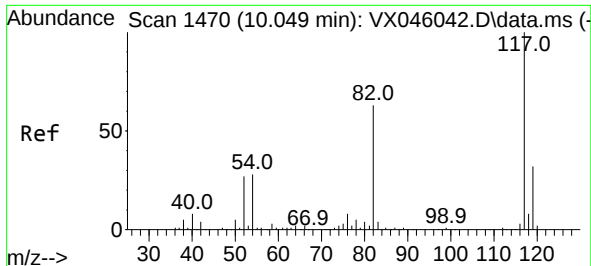
Tgt Ion: 92 Resp: 45279
Ion Ratio Lower Upper
92 100
91 174.2 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 52.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Tgt Ion: 95 Resp: 63423
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 64.4 0.0 131.4

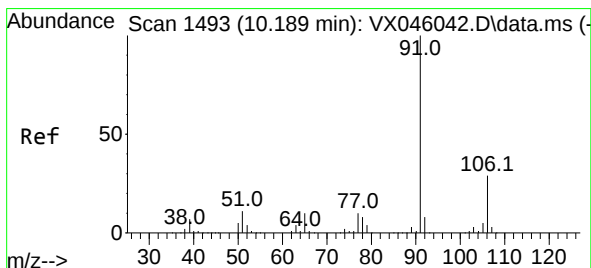
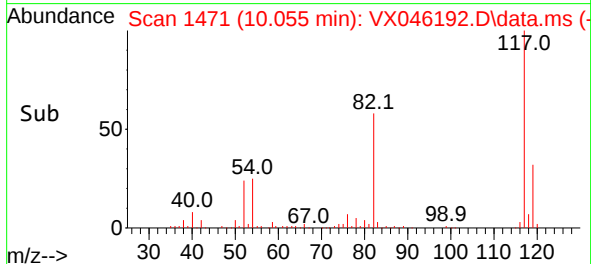
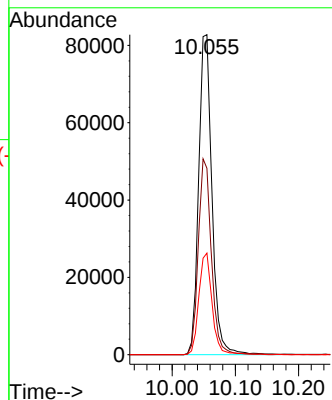
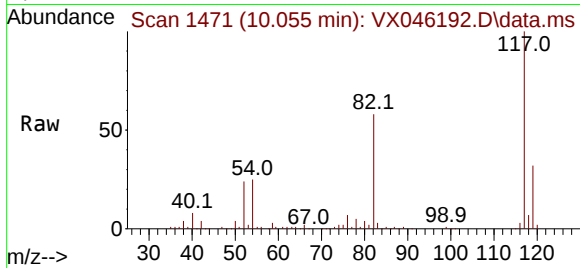




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

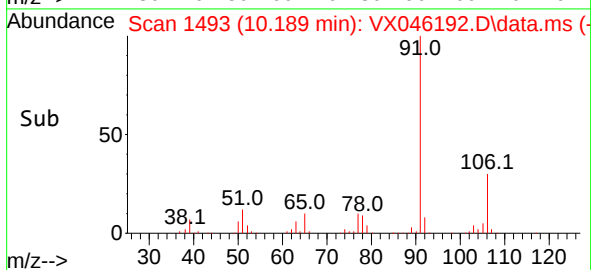
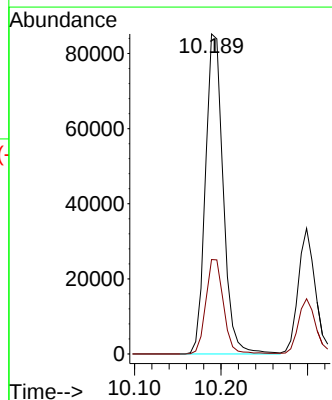
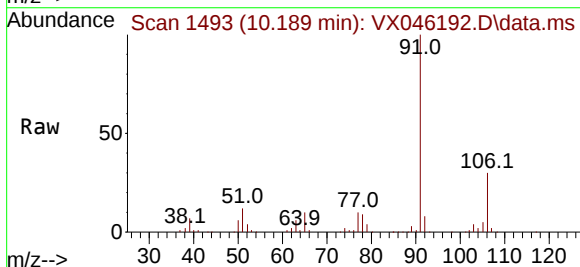
Instrument :
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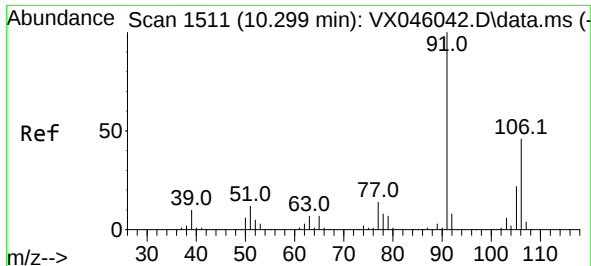
Tgt Ion:117 Resp: 121345
Ion Ratio Lower Upper
117 100
82 58.2 50.6 76.0
119 31.8 25.8 38.6



#67
Ethyl Benzene
Concen: 25.934 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Tgt Ion: 91 Resp: 121415
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2

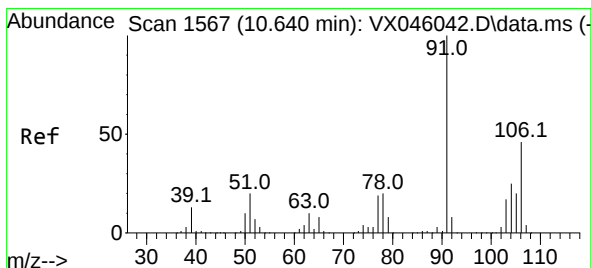
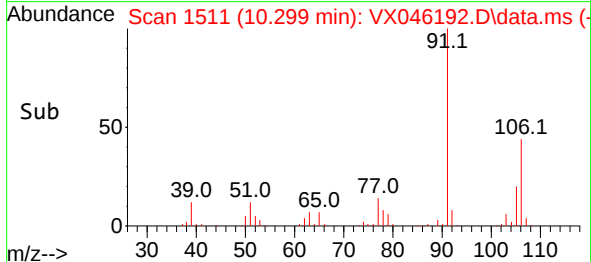
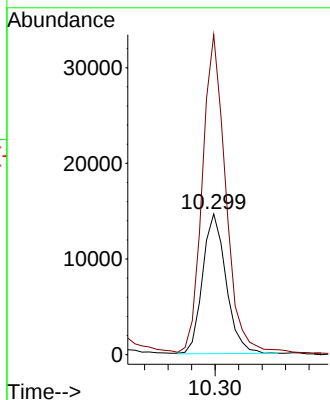
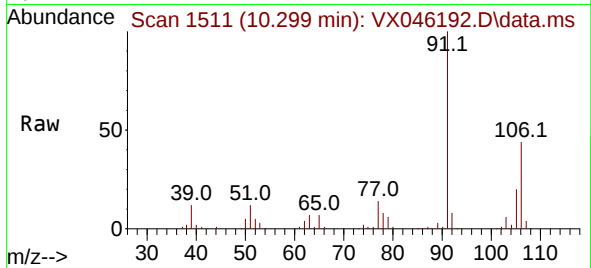




#68
m/p-Xylenes
Concen: 11.816 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

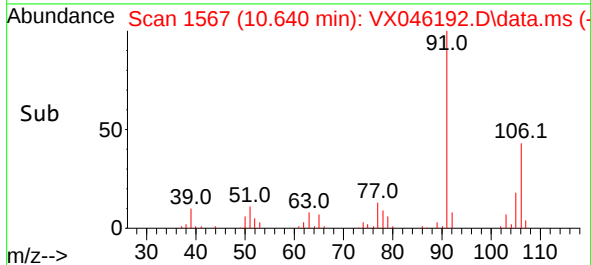
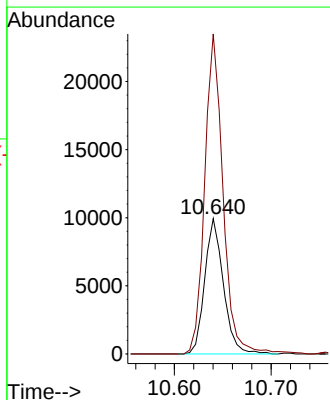
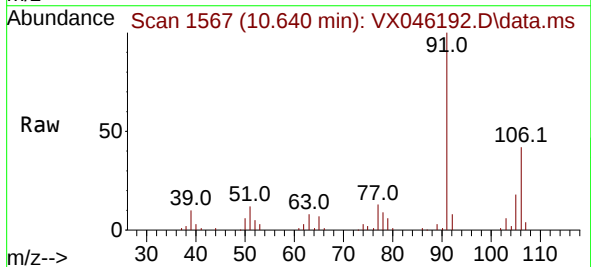
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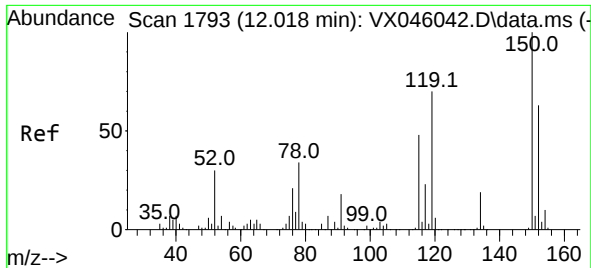
Tgt Ion:106 Resp: 20232
Ion Ratio Lower Upper
106 100
91 231.6 171.2 256.8



#69
o-Xylene
Concen: 8.016 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Tgt Ion:106 Resp: 13381
Ion Ratio Lower Upper
106 100
91 231.9 112.7 338.1

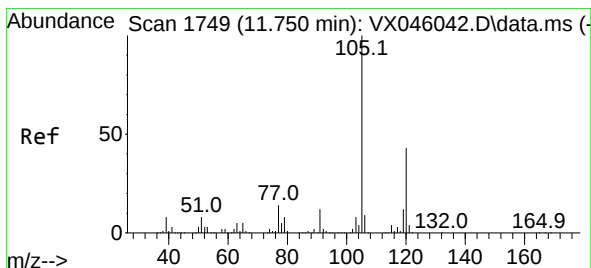
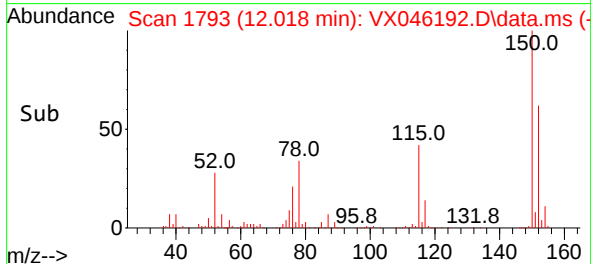
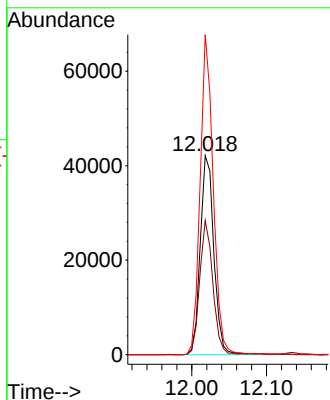
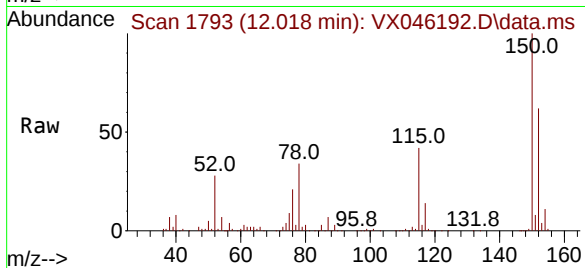




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046192.D
 Acq: 14 May 2025 14:22

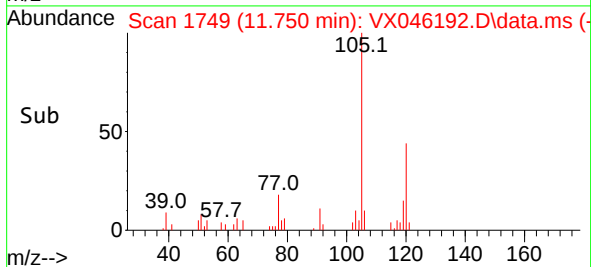
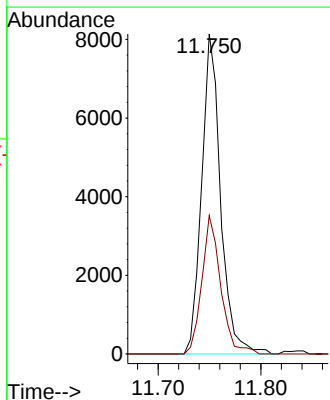
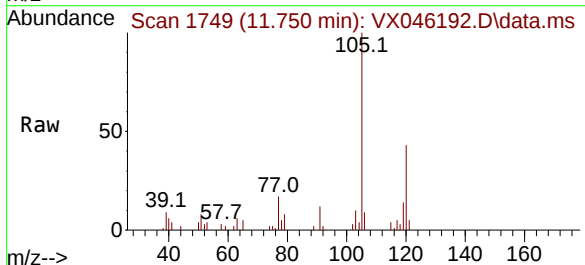
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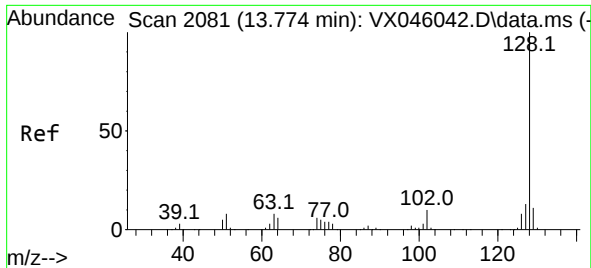
Tgt Ion:152 Resp: 53363
 Ion Ratio Lower Upper
 152 100
 115 65.0 46.9 140.7
 150 153.8 0.0 351.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.967 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046192.D
 Acq: 14 May 2025 14:22

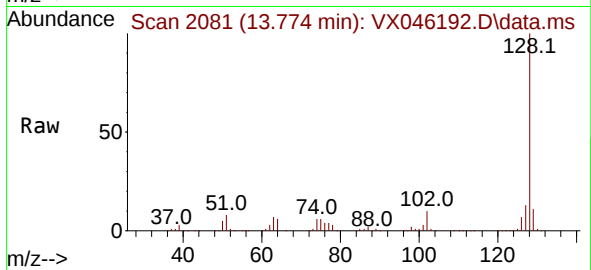
Tgt Ion:105 Resp: 10429
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.2 63.6





#95
Naphthalene
Concen: 203.489 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046192.D
Acq: 14 May 2025 14:22

Instrument :
MSVOA_X
ClientSampleId :
WC-A1-07-GDL



Tgt Ion:128 Resp: 757191
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0

