

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045146.D
 Acq On : 05 Mar 2025 16:42
 Operator : JC/MD
 Sample : Q1501-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-030525

Quant Time: Mar 06 01:09:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

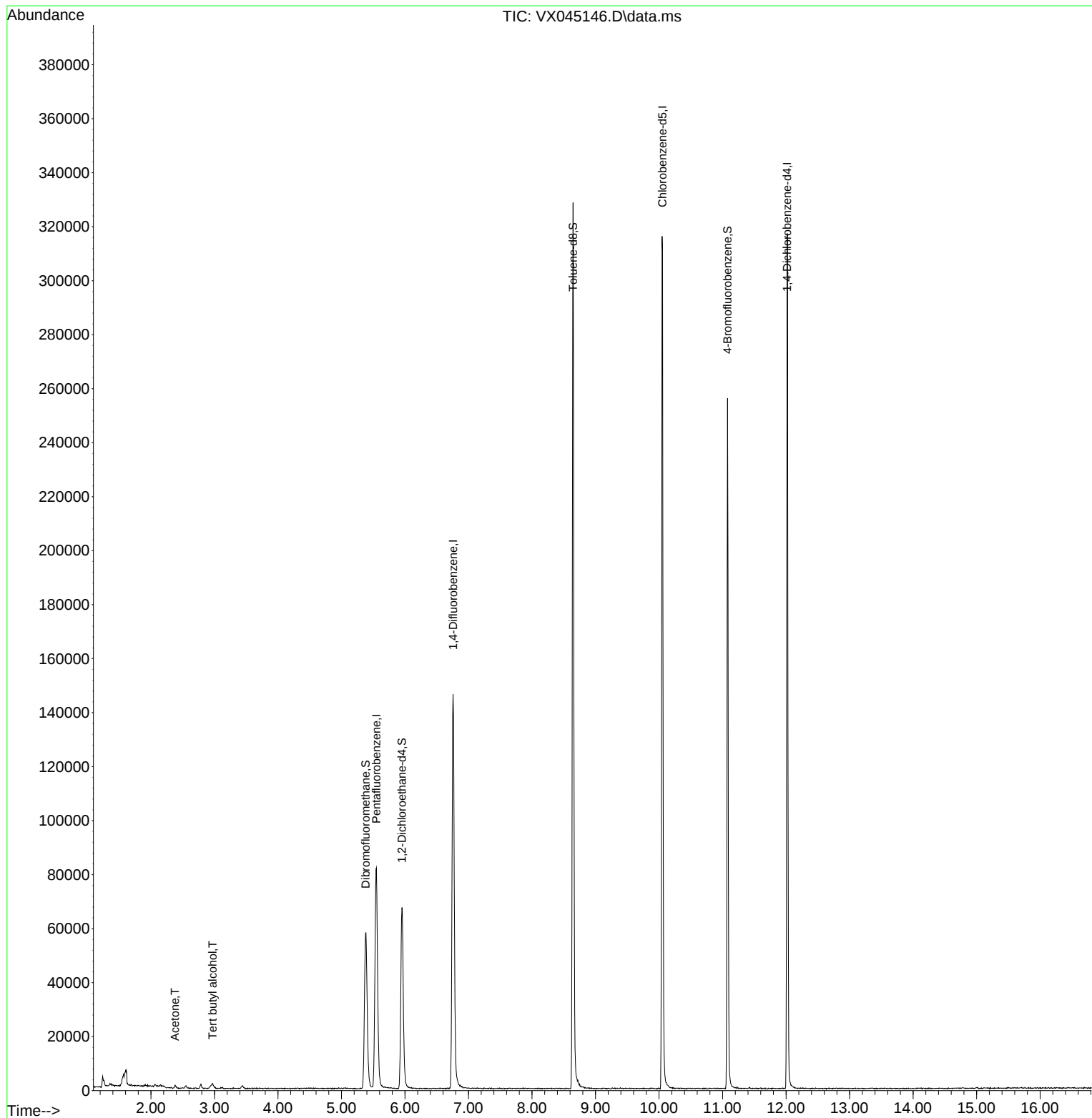
Internal Standards						
1) Pentafluorobenzene	5.550	168	76618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64818	53.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.380%	
35) Dibromofluoromethane	5.379	113	52313	51.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	8.647	98	192904	52.077	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	11.079	95	65419	53.296	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.600%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	2345	10.158	ug/l #	87
16) Acetone	2.380	43	1127	1.993	ug/l #	76

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

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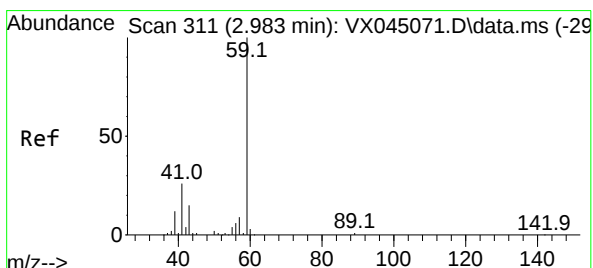
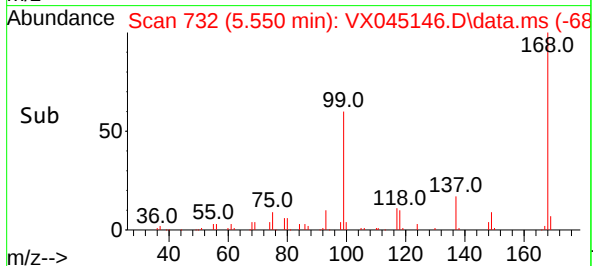
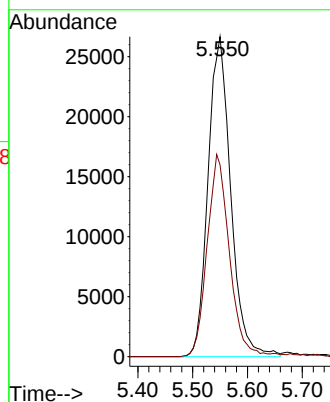
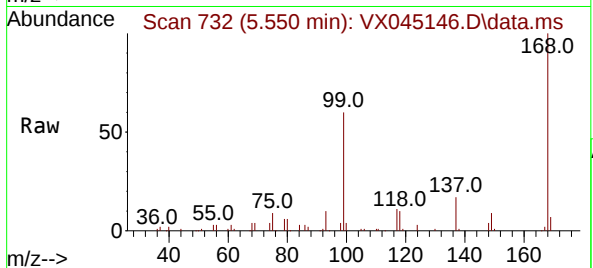




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

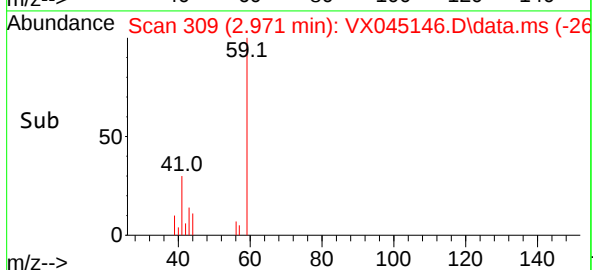
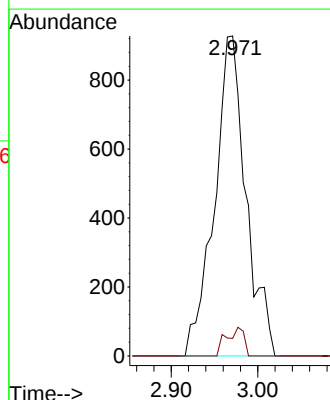
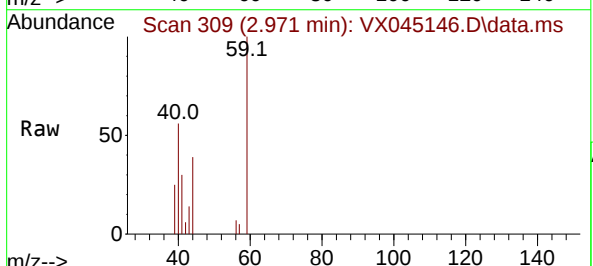
Instrument :
MSVOA_X
ClientSampleId :
EB01-030525

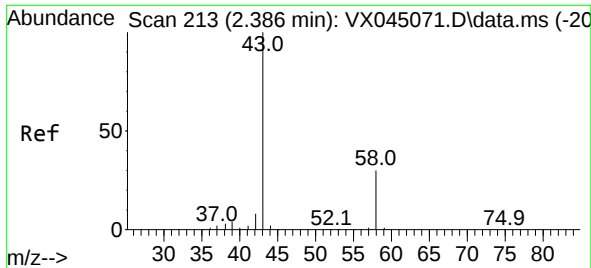
Tgt Ion:168 Resp: 76618
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#11
Tert butyl alcohol
Concen: 10.158 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

Tgt Ion: 59 Resp: 2345
Ion Ratio Lower Upper
59 100
57 5.0 7.8 11.8#

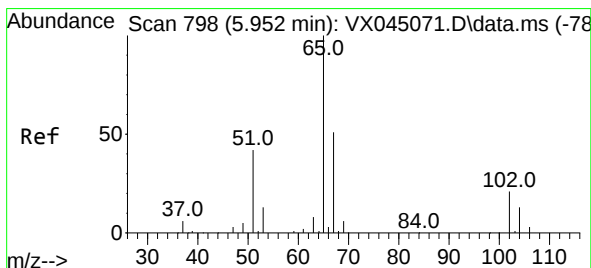
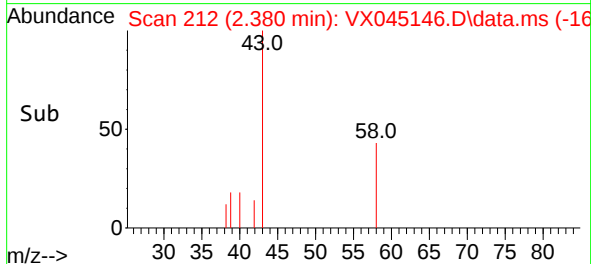
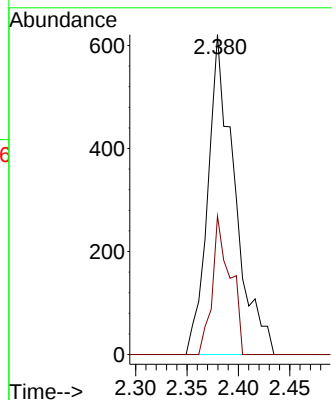
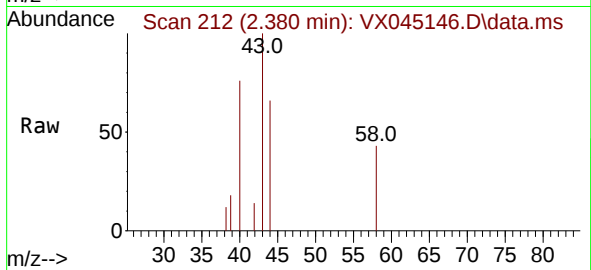




#16
Acetone
Concen: 1.993 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

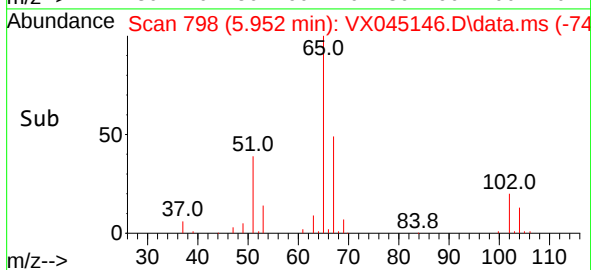
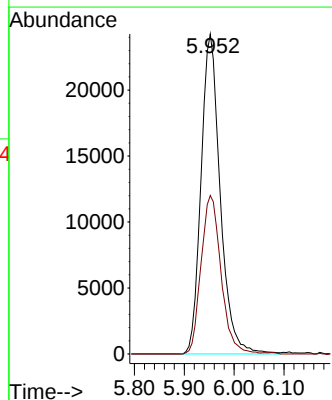
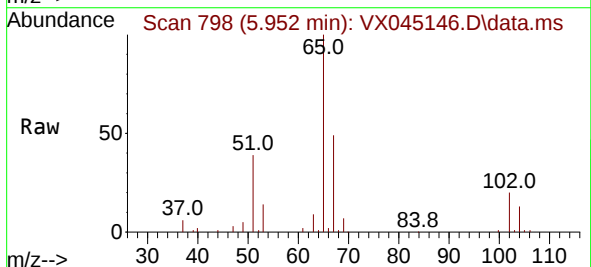
Instrument :
MSVOA_X
ClientSampleId :
EB01-030525

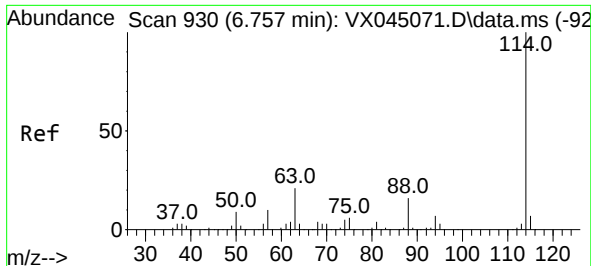
Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 43.3 24.2 36.4#



#33
1,2-Dichloroethane-d4
Concen: 53.185 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

Tgt Ion: 65 Resp: 64818
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.2

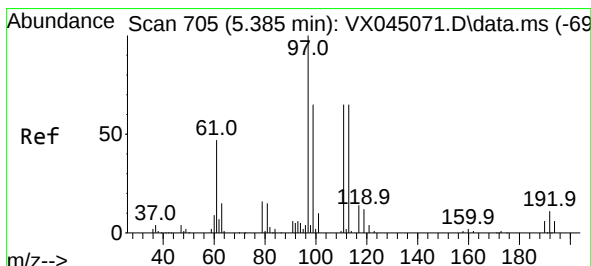
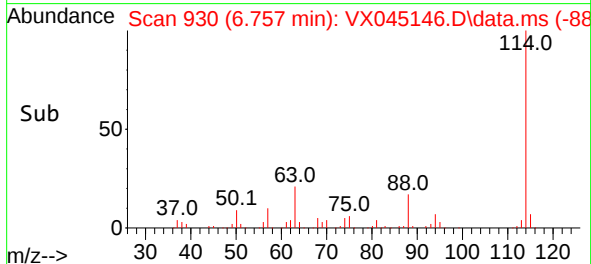
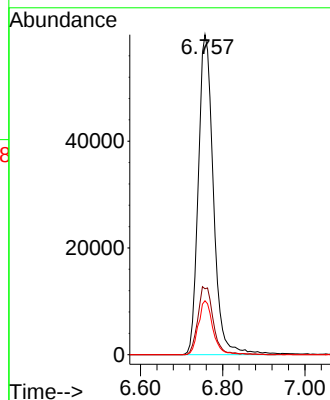
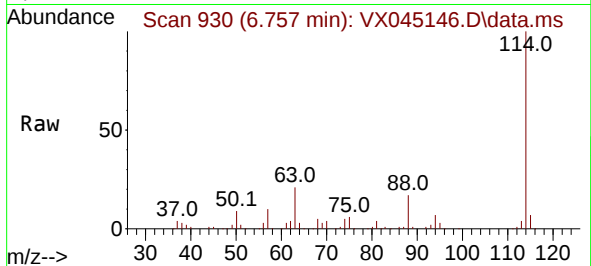




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

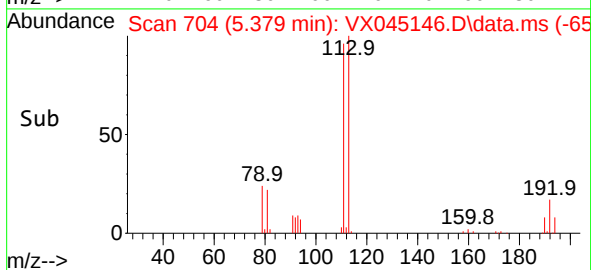
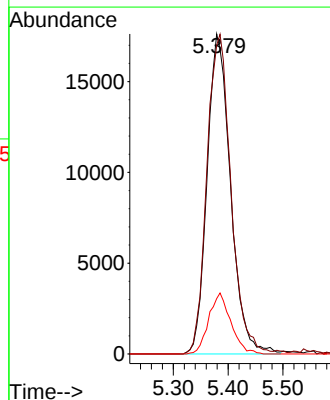
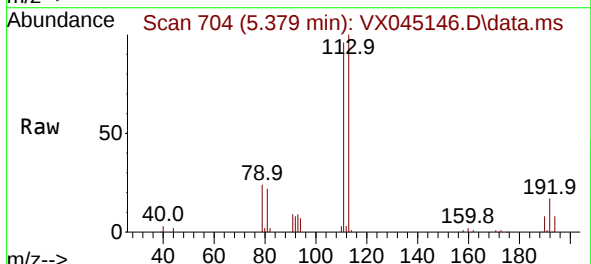
Instrument :
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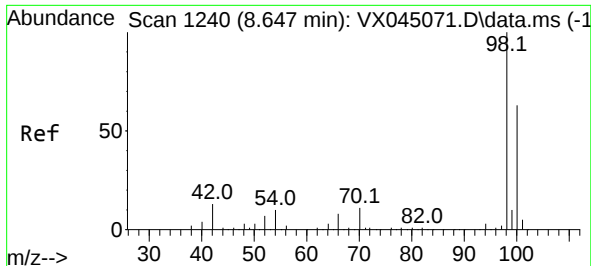
Tgt Ion:114 Resp: 152804
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.199 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

Tgt Ion:113 Resp: 52313
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 18.0 14.3 21.5

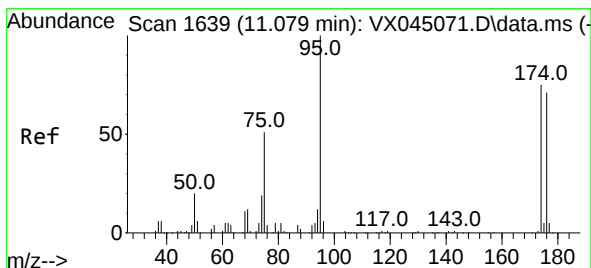
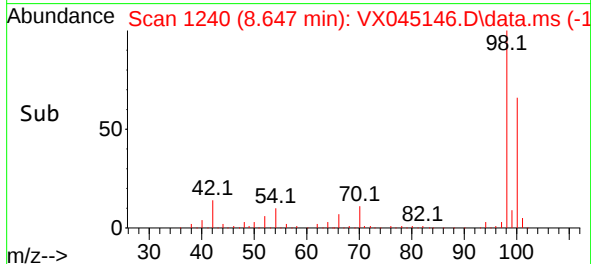
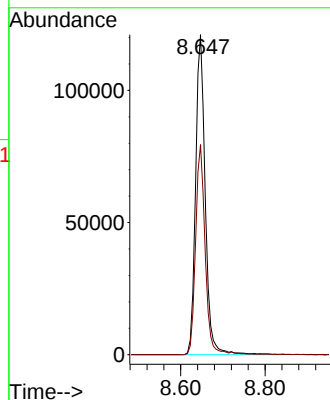
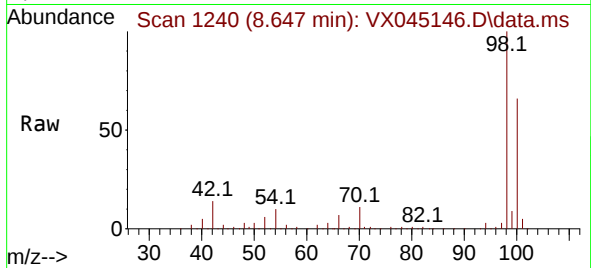




#50
Toluene-d8
Concen: 52.077 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

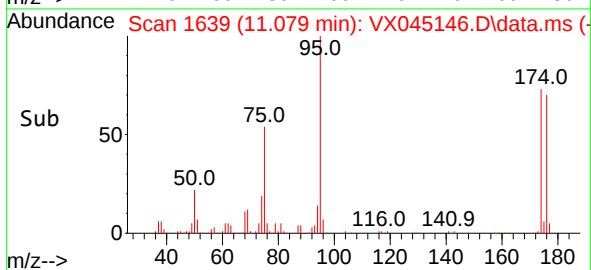
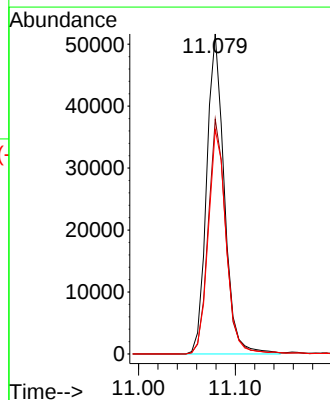
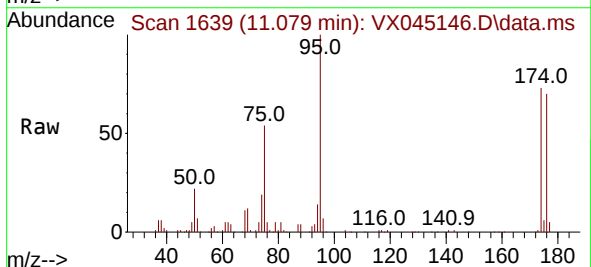
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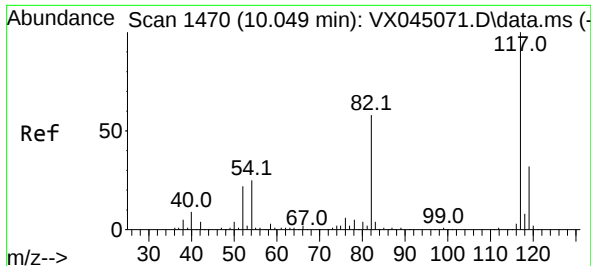
Tgt Ion: 98 Resp: 192904
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

Tgt Ion: 95 Resp: 65419
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.2
176 71.6 0.0 141.4

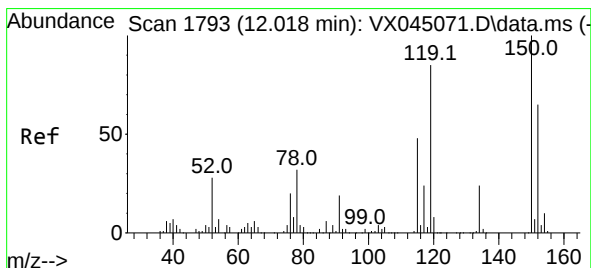
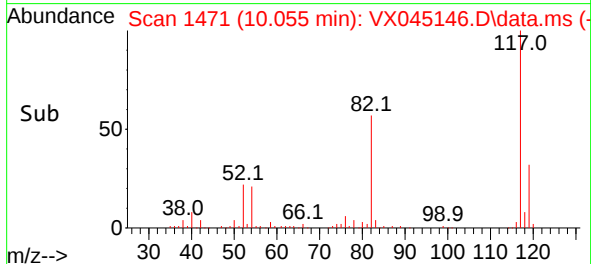
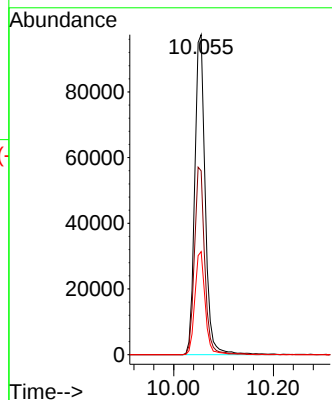
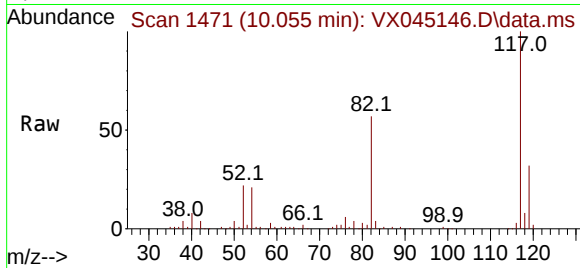




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 141933
Ion Ratio Lower Upper
117 100
82 57.5 46.3 69.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045146.D
Acq: 05 Mar 2025 16:42

Tgt Ion:152 Resp: 61013
Ion Ratio Lower Upper
152 100
115 61.9 44.2 132.6
150 156.6 0.0 349.0

