

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072925\
 Data File : VX047176.D
 Acq On : 29 Jul 2025 14:42
 Operator : JC/MD
 Sample : Q2719-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50765

Quant Time: Jul 30 01:15:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

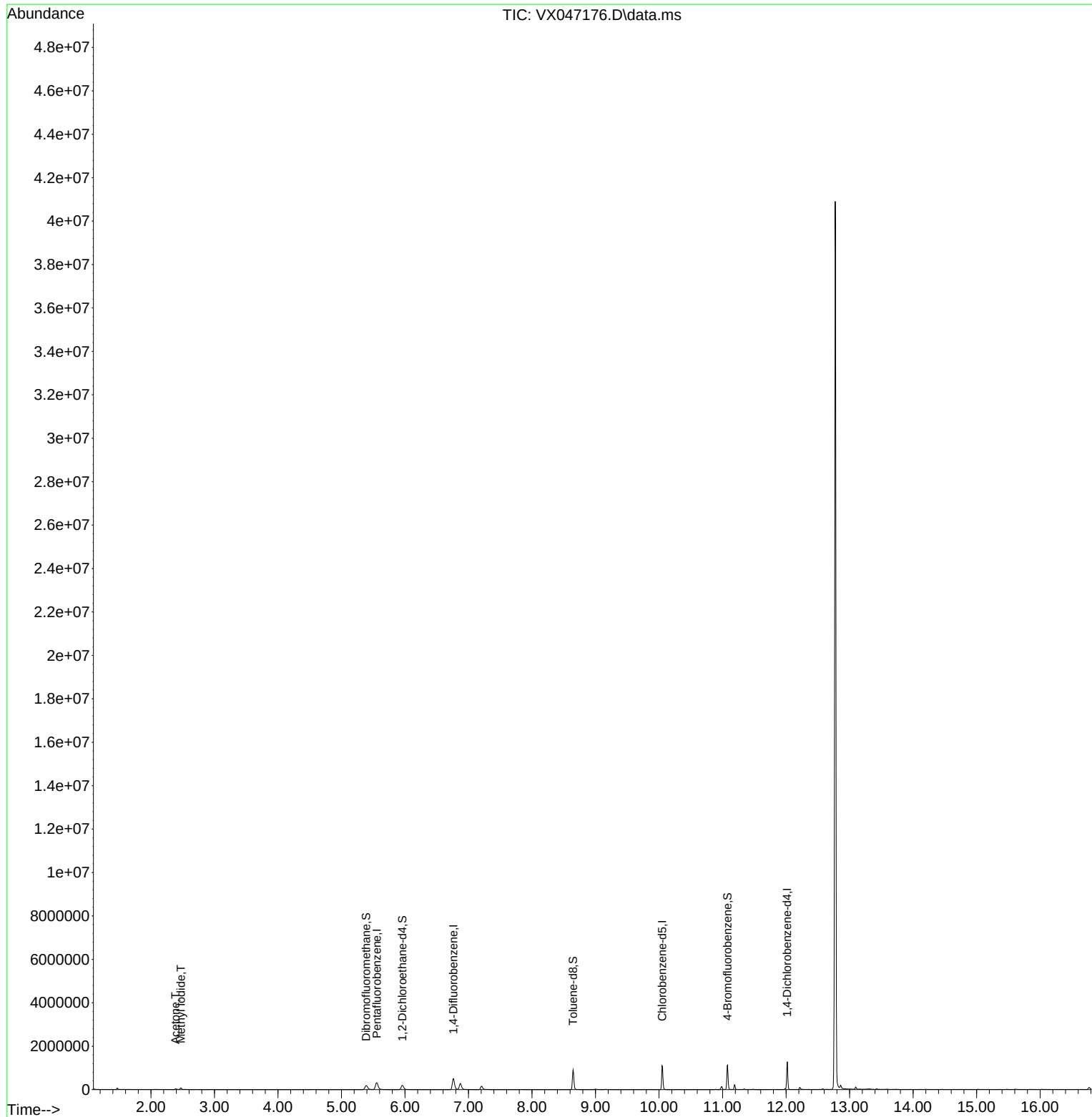
Internal Standards						
1) Pentafluorobenzene	5.556	168	320845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	546288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	488101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	250040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210124	52.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.140%	
35) Dibromofluoromethane	5.385	113	179763	53.295	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.600%	
50) Toluene-d8	8.647	98	541095	49.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	11.079	95	260450	55.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.660%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	86184	20.772	ug/l	98
16) Acetone	2.386	43	54859	34.263	ug/l	94

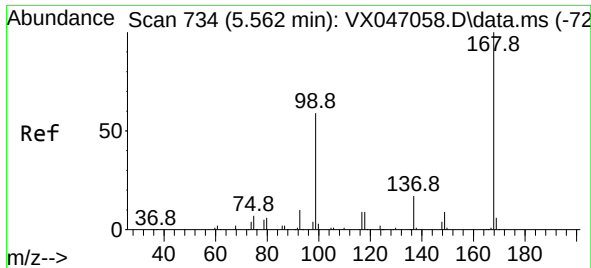
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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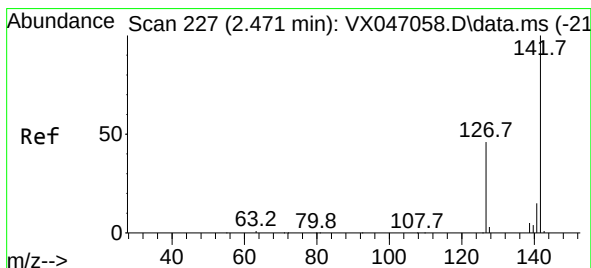
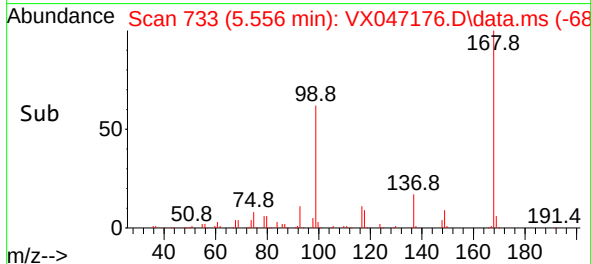
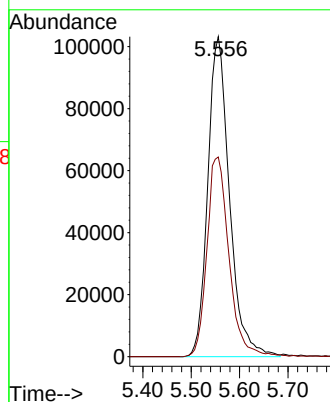
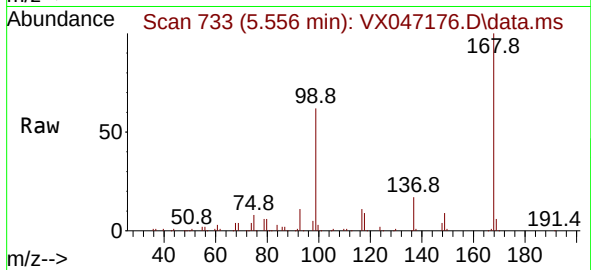




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

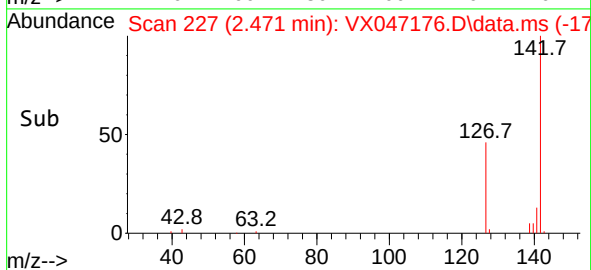
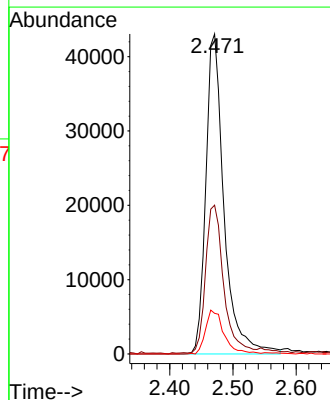
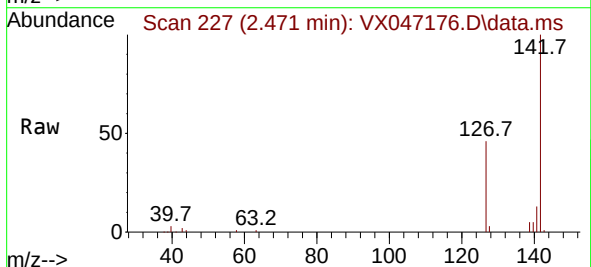
Instrument :
MSVOA_X
ClientSampleId :
50765

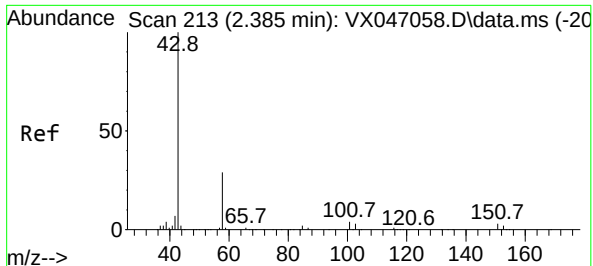
Tgt Ion:168 Resp: 320845
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0



#10
Methyl Iodide
Concen: 20.772 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

Tgt Ion:142 Resp: 86184
Ion Ratio Lower Upper
142 100
127 46.9 36.6 54.8
141 13.8 10.9 16.3

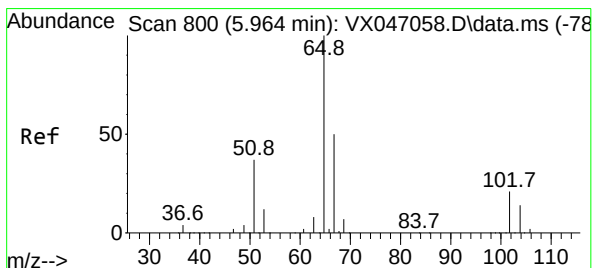
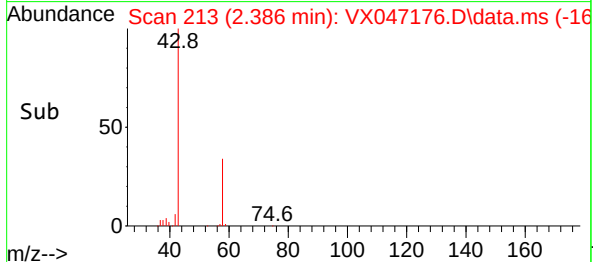
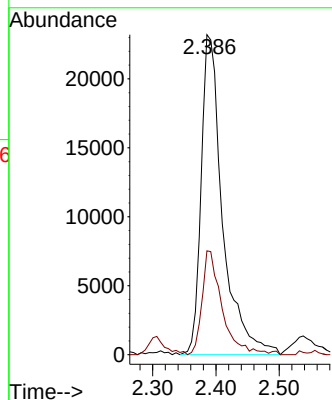
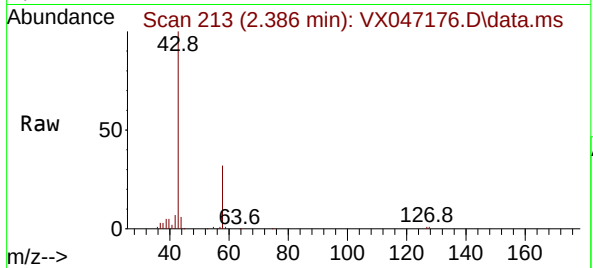




#16
Acetone
Concen: 34.263 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

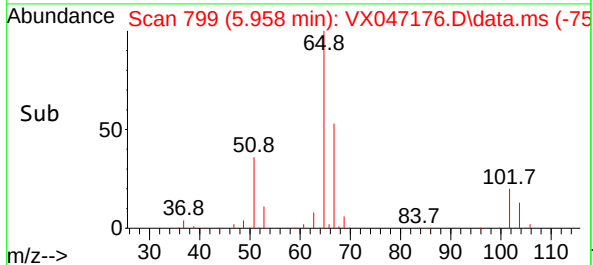
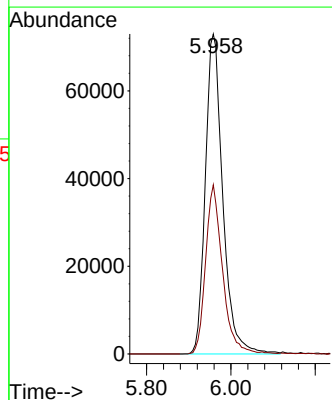
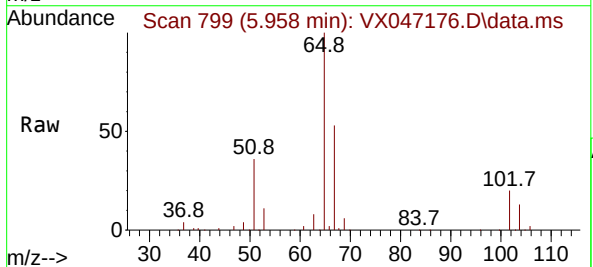
Instrument :
MSVOA_X
ClientSampleId :
50765

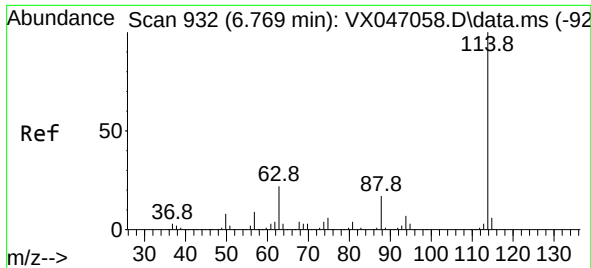
Tgt Ion: 43 Resp: 54859
Ion Ratio Lower Upper
43 100
58 33.4 24.0 36.0



#33
1,2-Dichloroethane-d4
Concen: 52.574 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

Tgt Ion: 65 Resp: 210124
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8

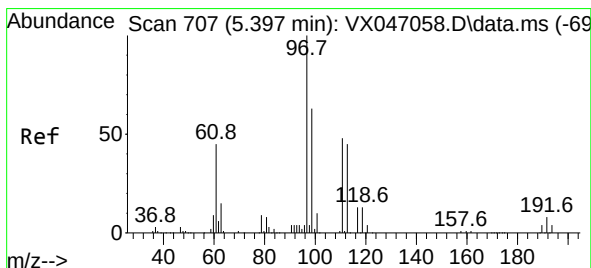
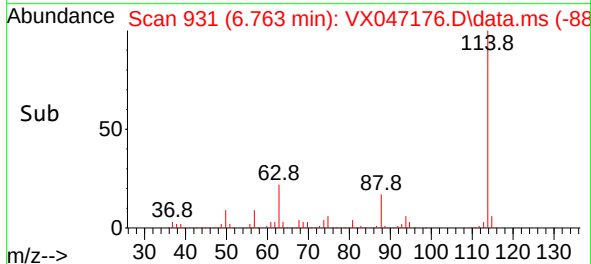
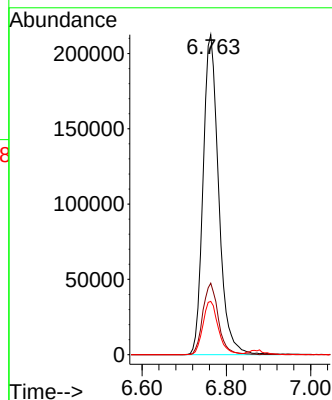
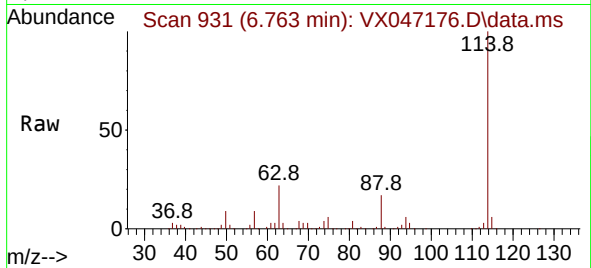




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

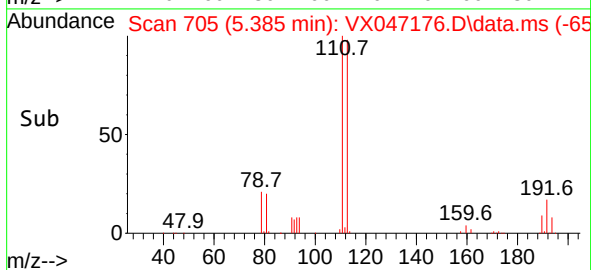
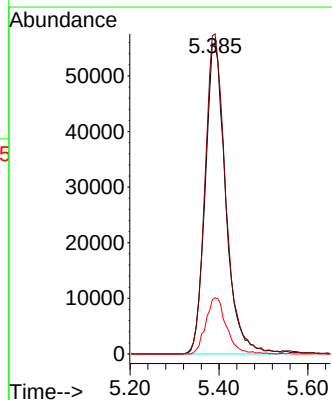
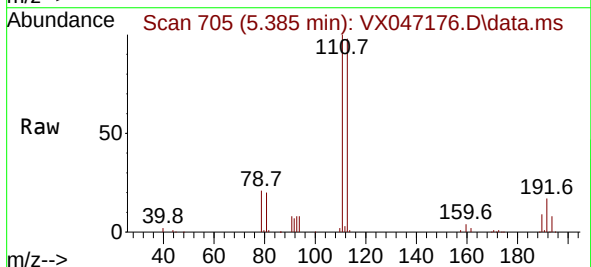
Instrument :
MSVOA_X
ClientSampleId :
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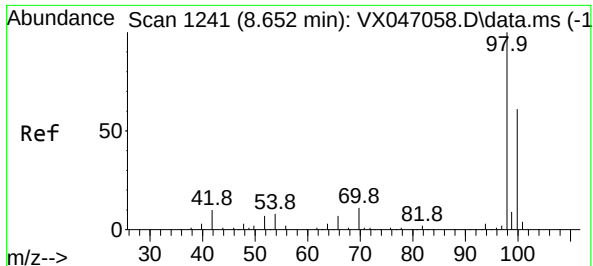
Tgt Ion:114 Resp: 546288
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.295 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

Tgt Ion:113 Resp: 179763
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.2 14.9 22.3

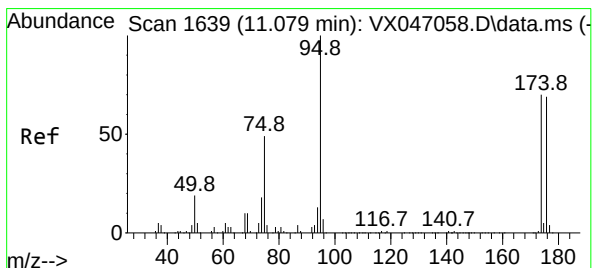
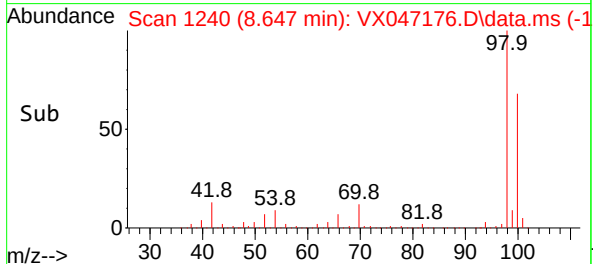
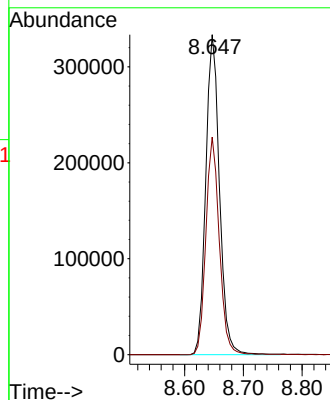
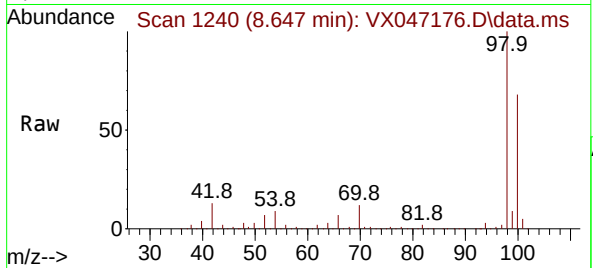




#50
Toluene-d8
Concen: 49.536 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

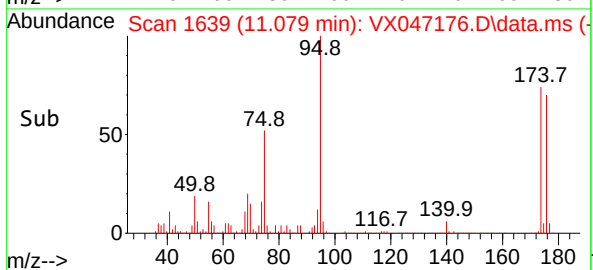
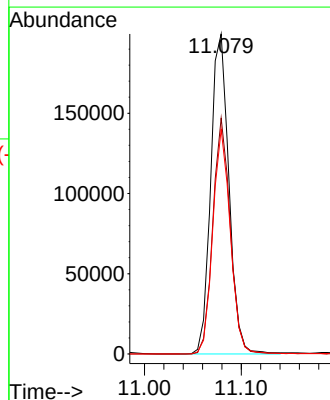
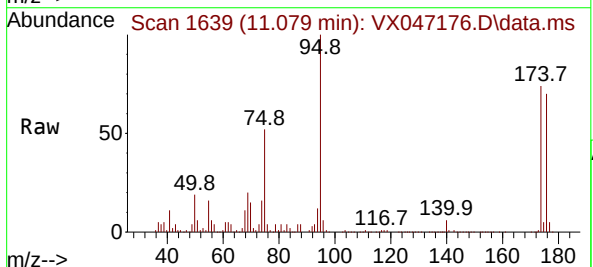
Instrument :
MSVOA_X
ClientSampleId :
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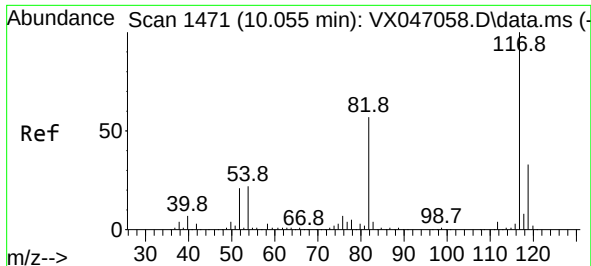
Tgt Ion: 98 Resp: 541095
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

Tgt Ion: 95 Resp: 260450
Ion Ratio Lower Upper
95 100
174 70.8 0.0 144.6
176 67.9 0.0 139.6

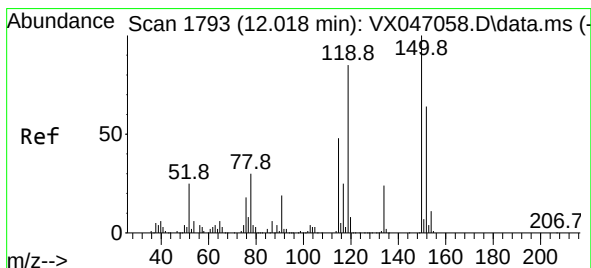
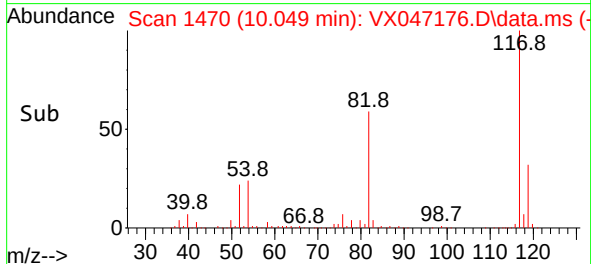
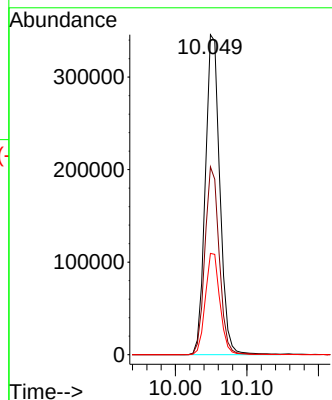
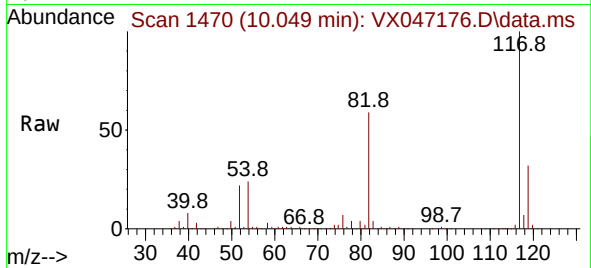




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

Instrument :
MSVOA_X
ClientSampleId :
50765

Tgt Ion:117 Resp: 488101
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047176.D
Acq: 29 Jul 2025 14:42

Tgt Ion:152 Resp: 250040
Ion Ratio Lower Upper
152 100
115 63.1 45.6 136.7
150 157.3 0.0 354.6

