

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047094.D
 Acq On : 23 Jul 2025 16:13
 Operator : JC/MD
 Sample : Q2481-16 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-NL

Quant Time: Jul 24 05:53:37 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)

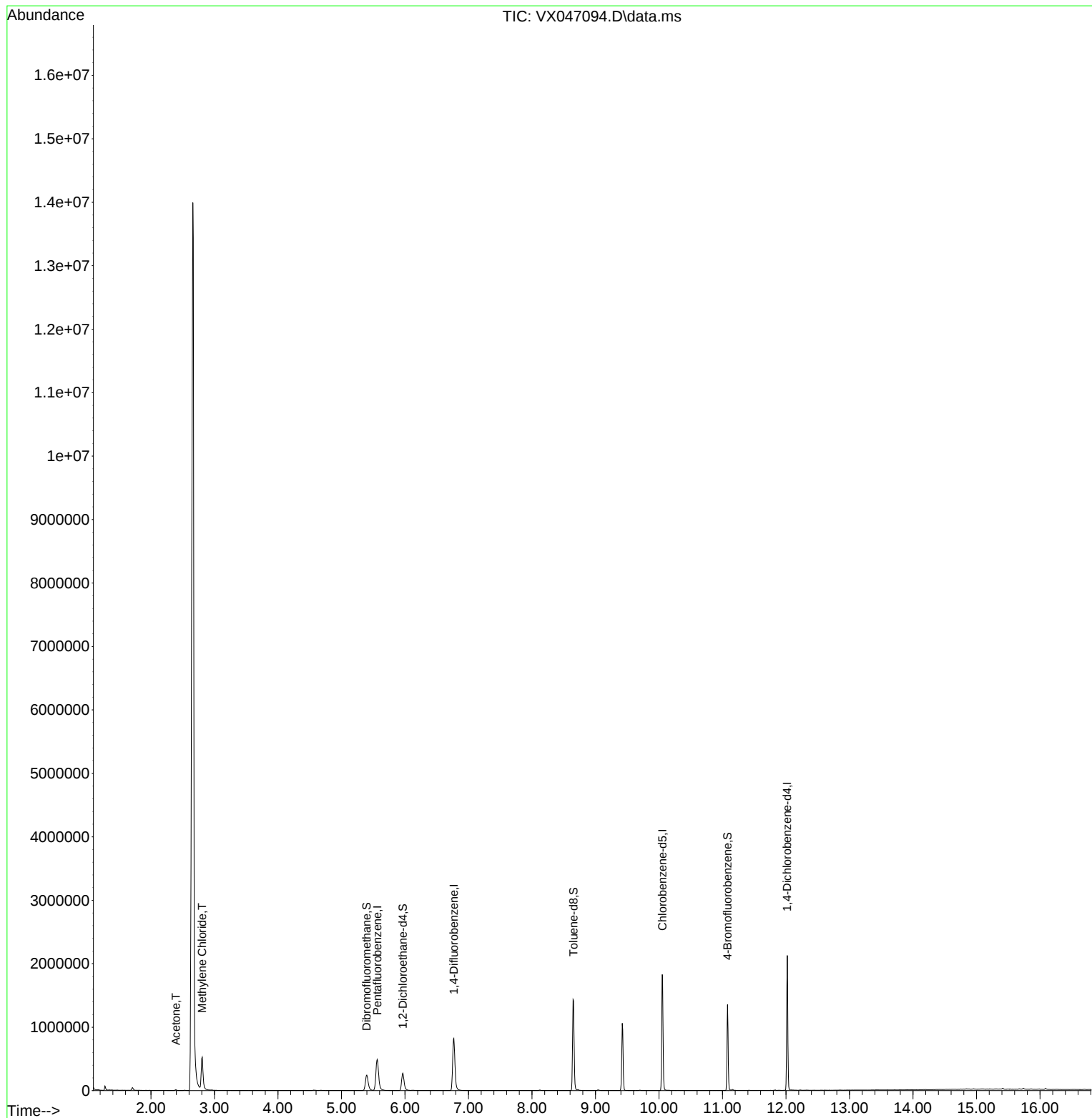
Internal Standards						
1) Pentafluorobenzene	5.562	168	495186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	894087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	836572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	416419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	287868	46.668	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.340%
35) Dibromofluoromethane	5.398	113	230846	41.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.640%
50) Toluene-d8	8.653	98	884311	49.465	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	356577	46.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	16370	6.625	ug/l	94
20) Methylene Chloride	2.807	84	250197	36.803	ug/l	99

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

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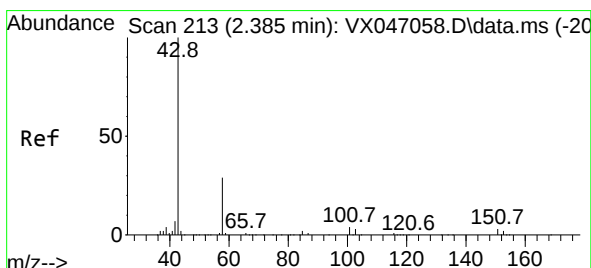
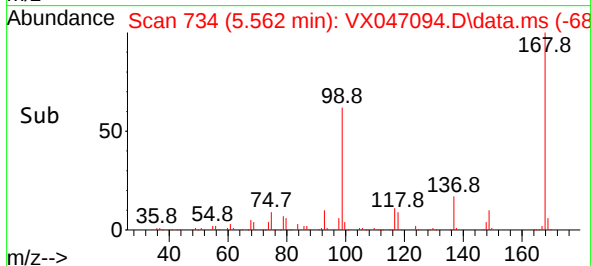
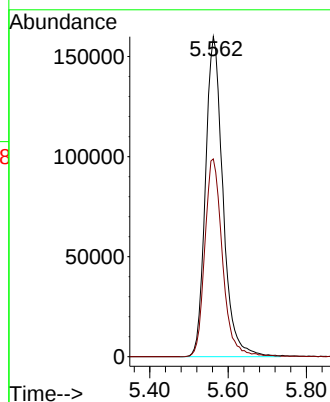
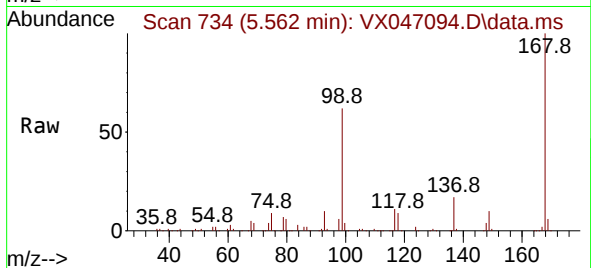




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

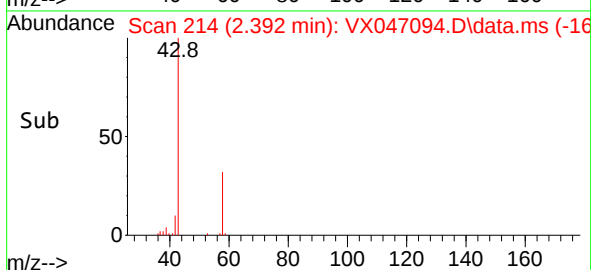
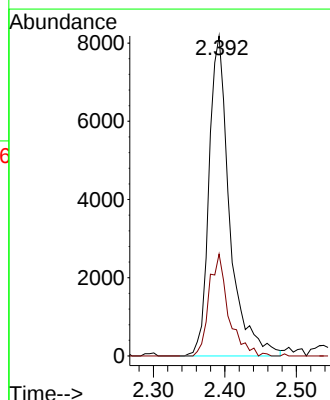
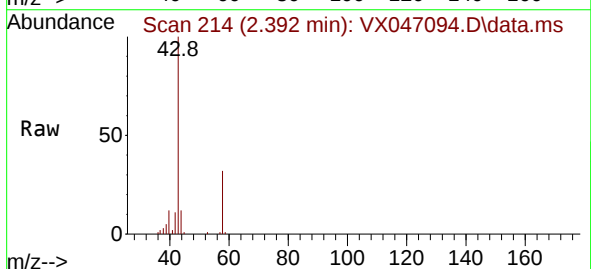
Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

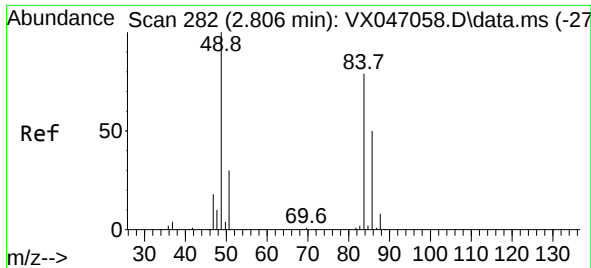
Tgt Ion:168 Resp: 495186
Ion Ratio Lower Upper
168 100
99 61.8 48.0 72.0



#16
Acetone
Concen: 6.625 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 43 Resp: 16370
Ion Ratio Lower Upper
43 100
58 33.3 24.0 36.0

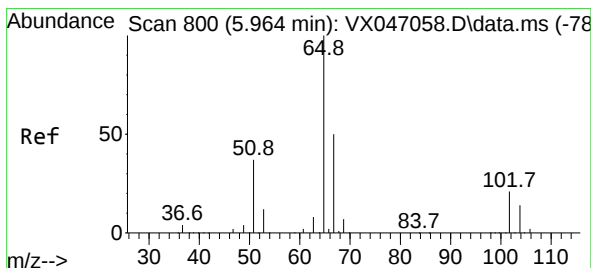
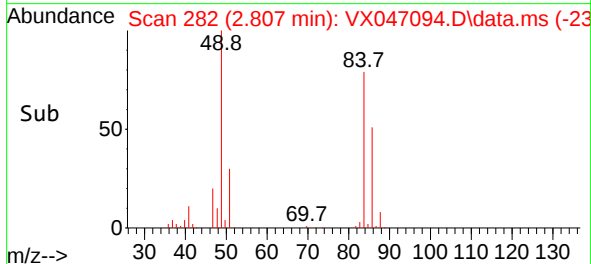
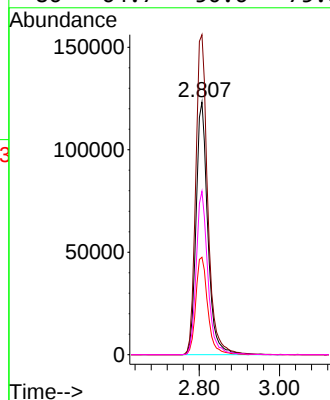
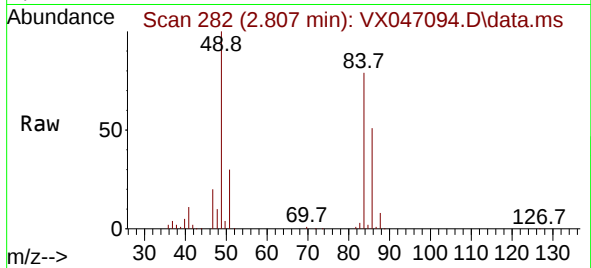




#20
Methylene Chloride
Concen: 36.803 ug/l
RT: 2.807 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

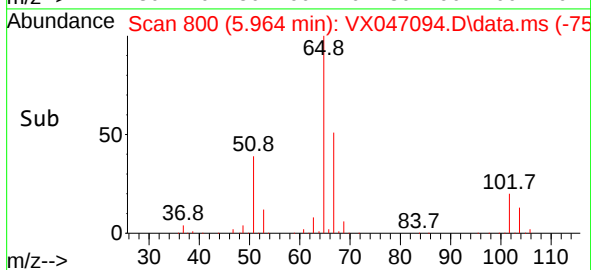
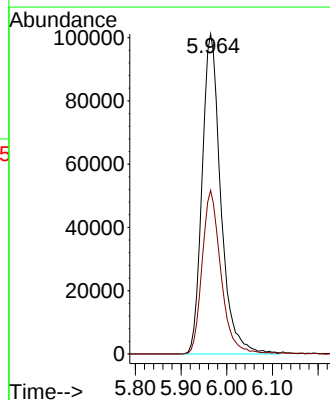
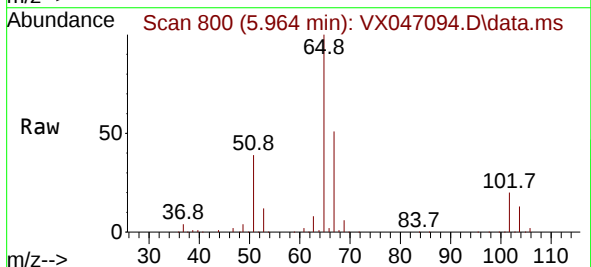
Instrument :
MSVOA_X
ClientSampleId :
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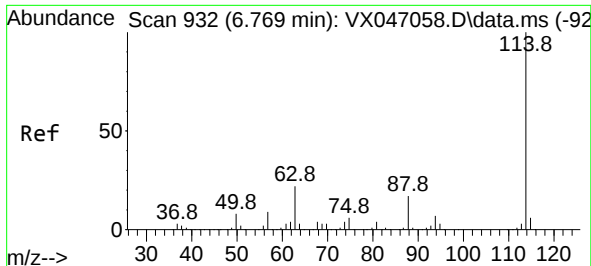
Tgt Ion: 84 Resp: 250197
Ion Ratio Lower Upper
84 100
49 126.8 101.6 152.4
51 38.6 30.3 45.5
86 64.7 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 46.668 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 65 Resp: 287868
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

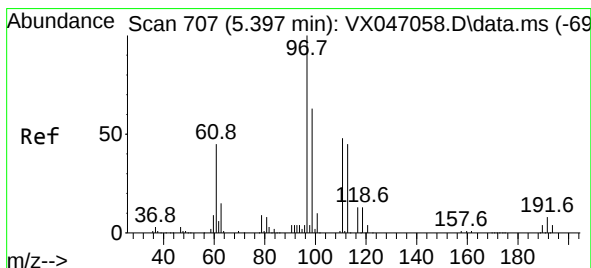
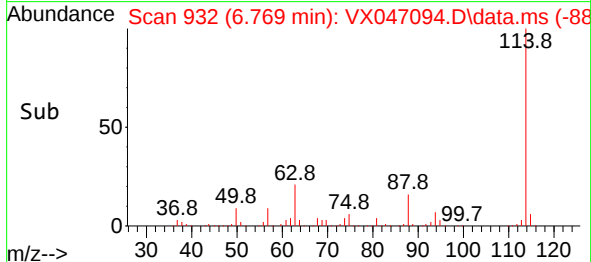
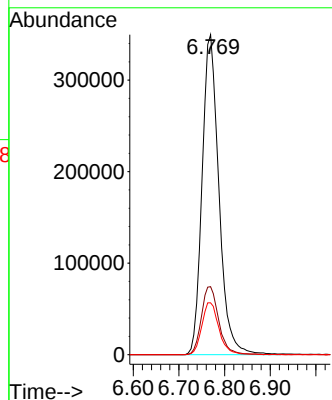
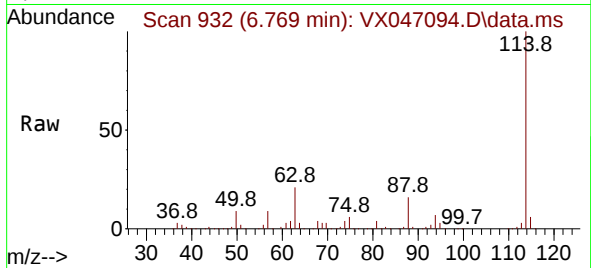




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX047094.D
 Acq: 23 Jul 2025 16:13

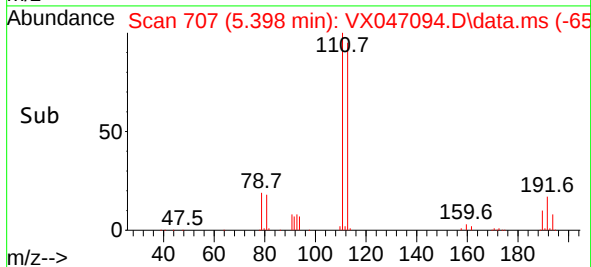
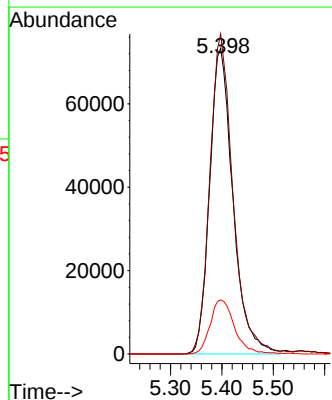
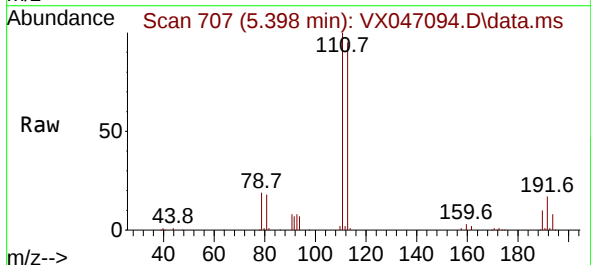
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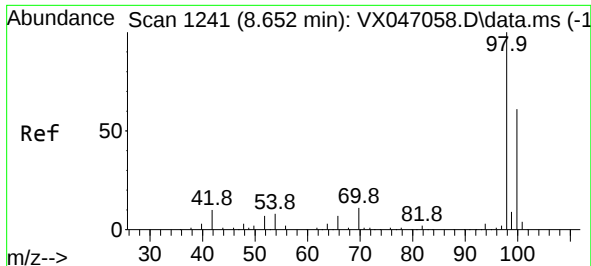
Tgt Ion:114 Resp: 894087
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.2 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 41.817 ug/l
 RT: 5.398 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047094.D
 Acq: 23 Jul 2025 16:13

Tgt Ion:113 Resp: 230846
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.6 124.0
 192 18.5 14.9 22.3

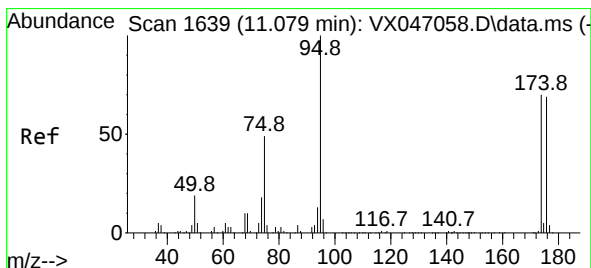
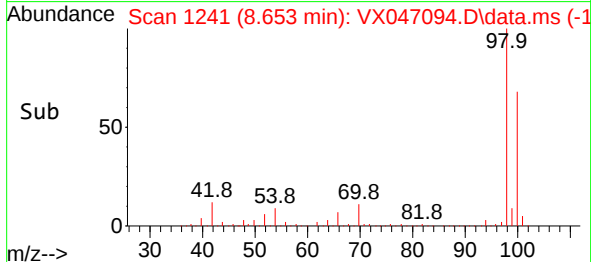
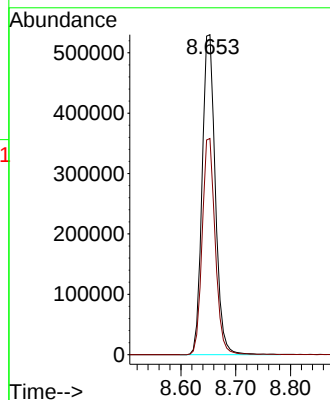
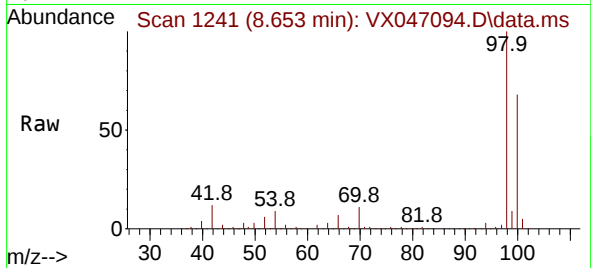




#50
Toluene-d8
Concen: 49.465 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

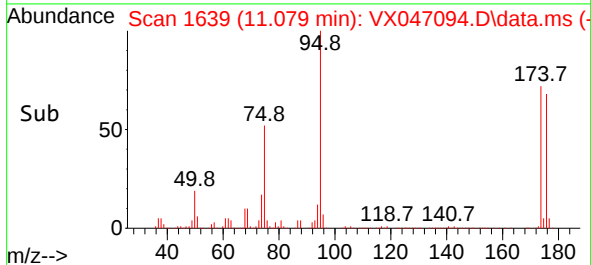
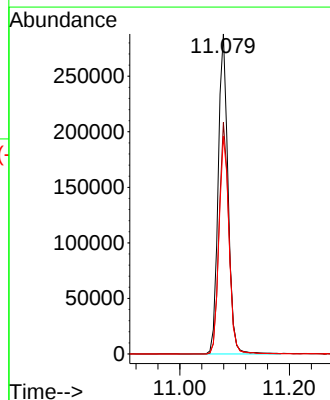
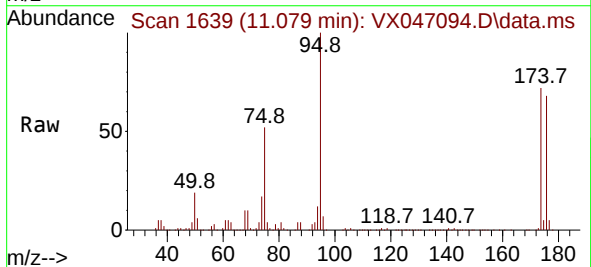
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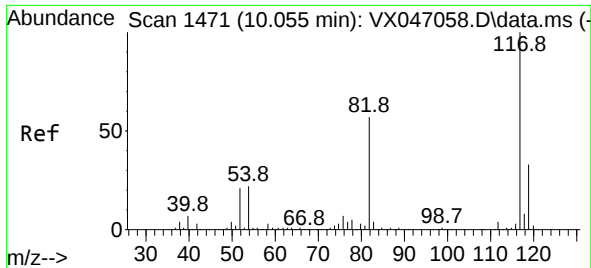
Tgt Ion: 98 Resp: 884311
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 95 Resp: 356577
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 69.7 0.0 139.6

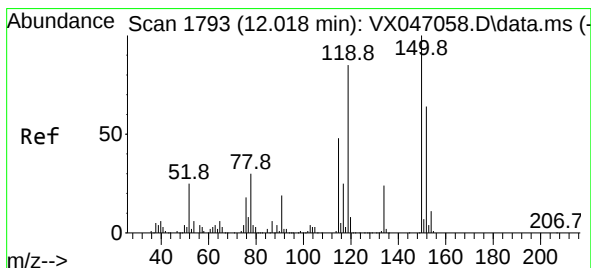
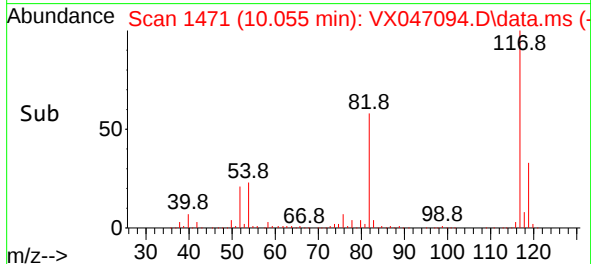
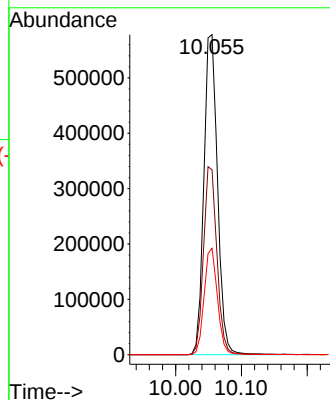
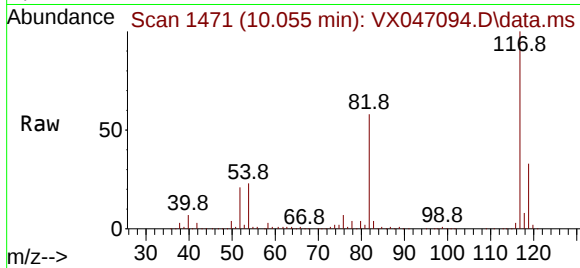




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

Tgt Ion:117 Resp: 836572
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.2
119 33.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion:152 Resp: 416419
Ion Ratio Lower Upper
152 100
115 62.4 45.6 136.7
150 157.0 0.0 354.6

