

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047092.D
 Acq On : 23 Jul 2025 15:31
 Operator : JC/MD
 Sample : Q2481-15 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-AOXL

Quant Time: Jul 24 05:52:46 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)

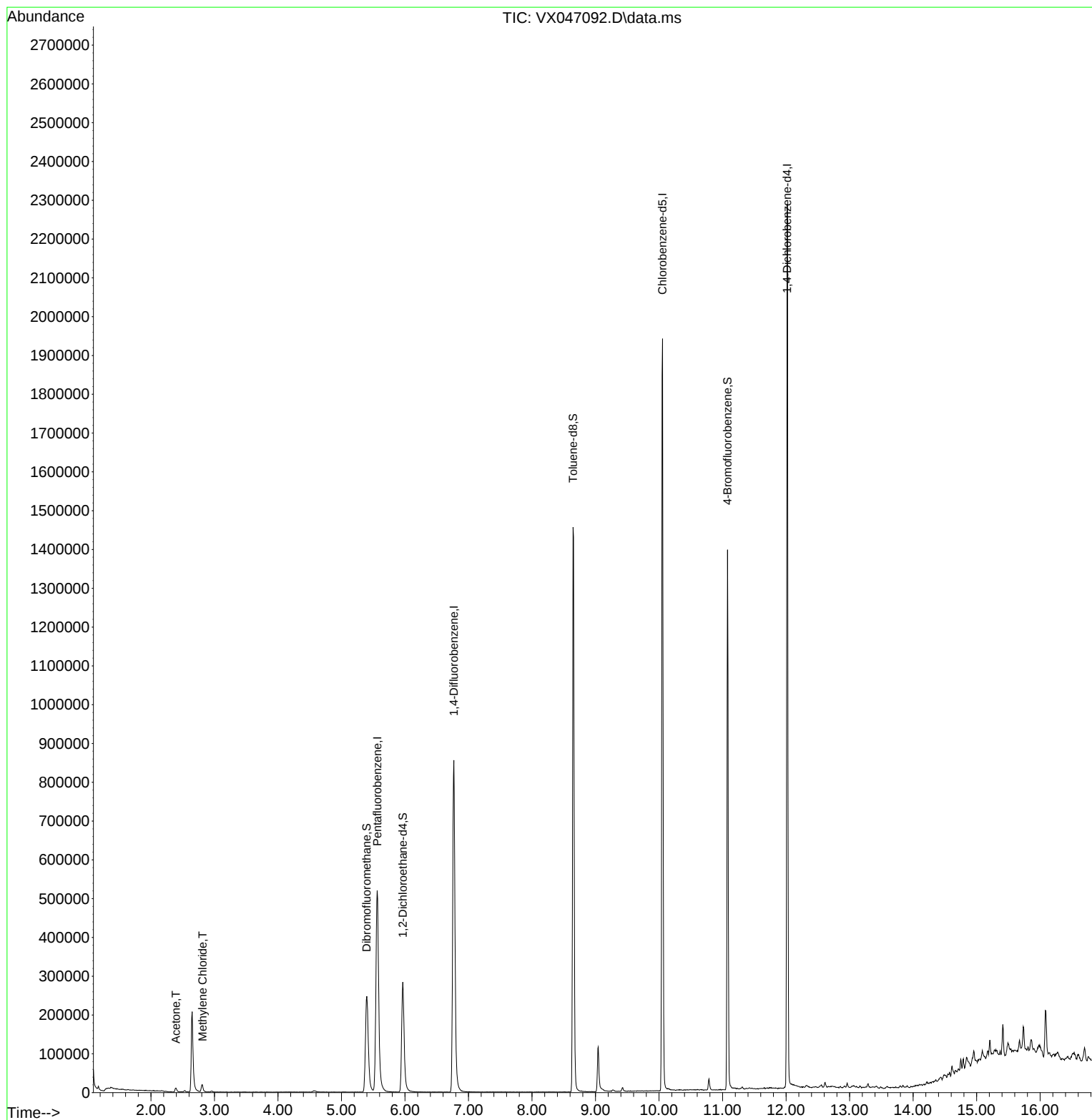
Internal Standards						
1) Pentafluorobenzene	5.562	168	518828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	915745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	876790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	439672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	292171	45.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.420%
35) Dibromofluoromethane	5.397	113	238076	42.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.220%
50) Toluene-d8	8.647	98	893698	48.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.079	95	369700	46.851	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	13789	5.326	ug/l	100
20) Methylene Chloride	2.812	84	9434	1.324	ug/l #	80

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

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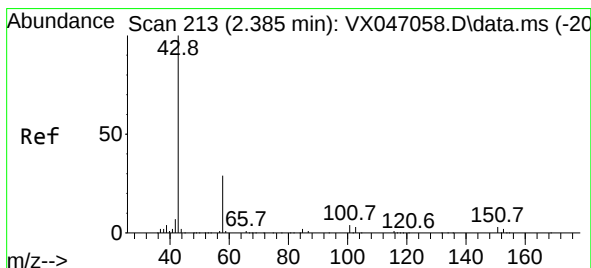
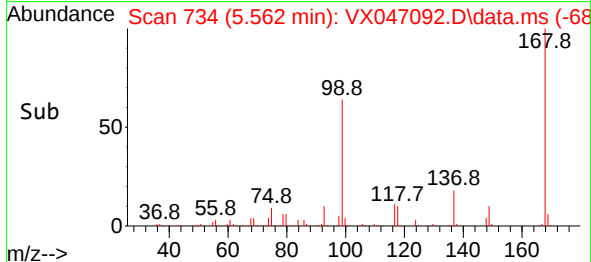
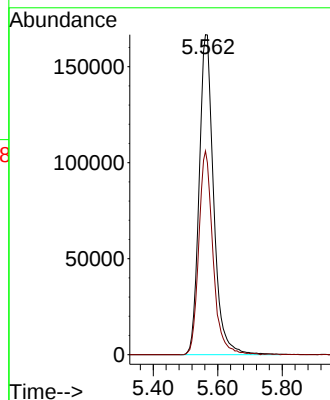
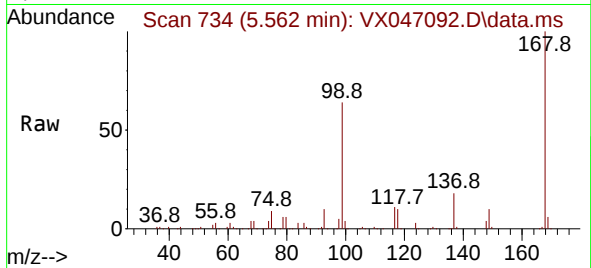




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

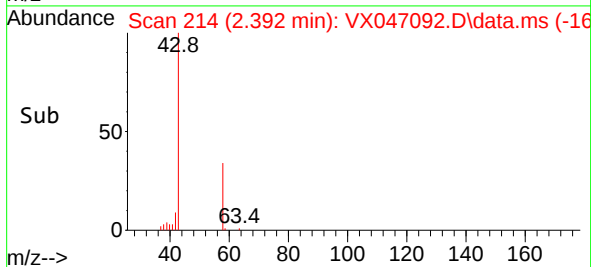
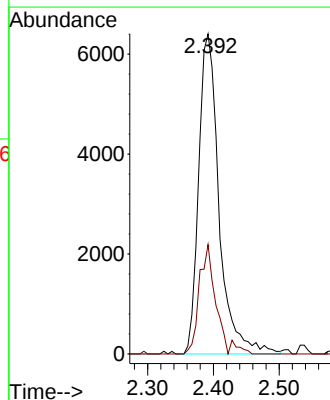
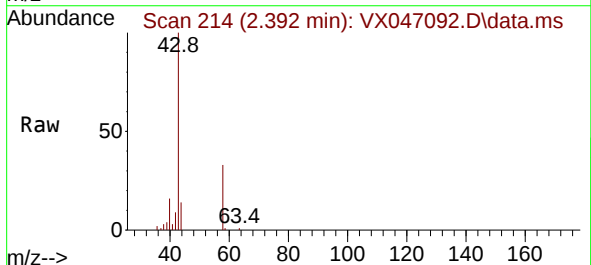
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

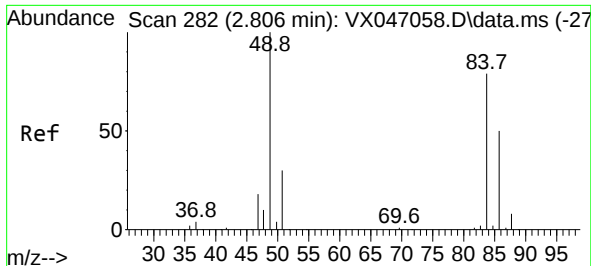
Tgt Ion:168 Resp: 518828
Ion Ratio Lower Upper
168 100
99 63.7 48.0 72.0



#16
Acetone
Concen: 5.326 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 43 Resp: 13789
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0

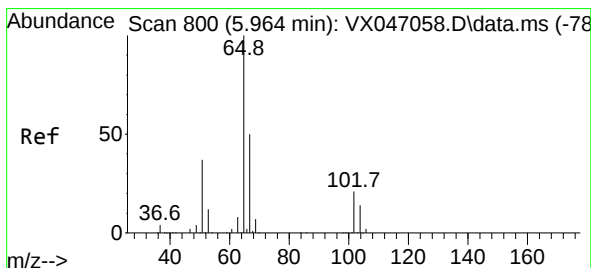
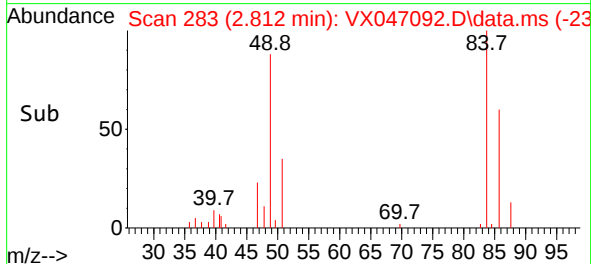
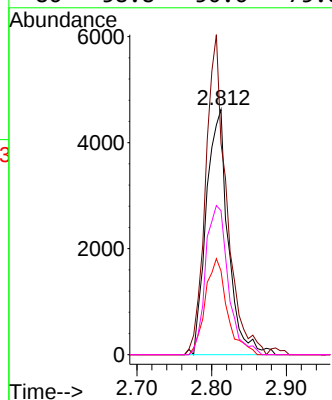
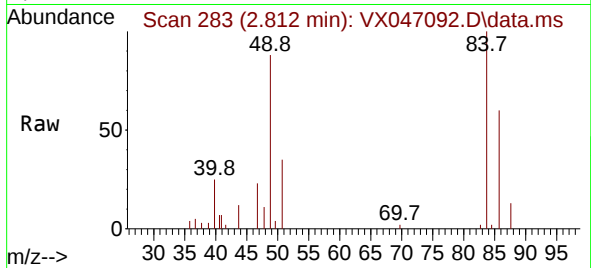




#20
Methylene Chloride
Concen: 1.324 ug/l
RT: 2.812 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

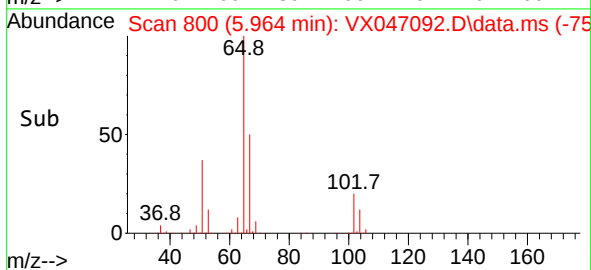
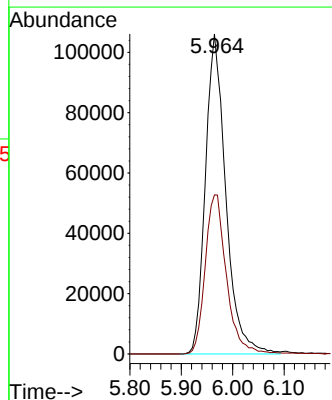
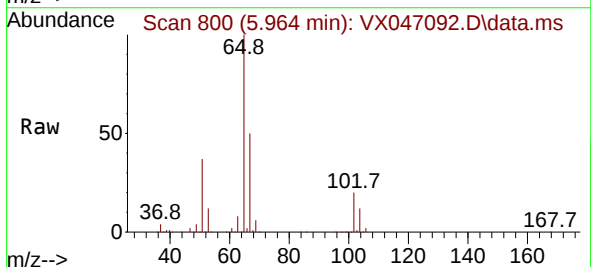
Instrument :
MSVOA_X
ClientSampleId :
CC0627-AOXL

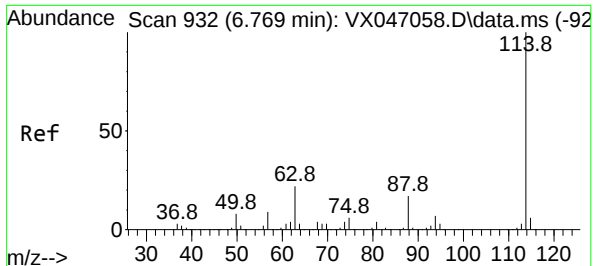
Tgt Ion: 84 Resp: 9434
Ion Ratio Lower Upper
84 100
49 90.1 101.6 152.4#
51 34.2 30.3 45.5
86 58.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 45.207 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 65 Resp: 292171
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

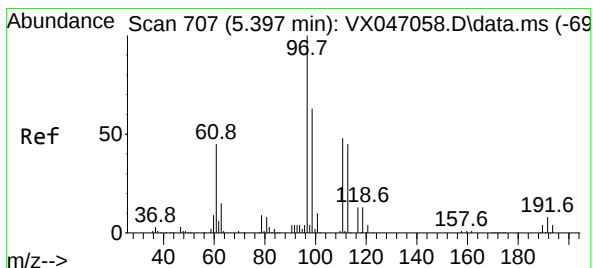
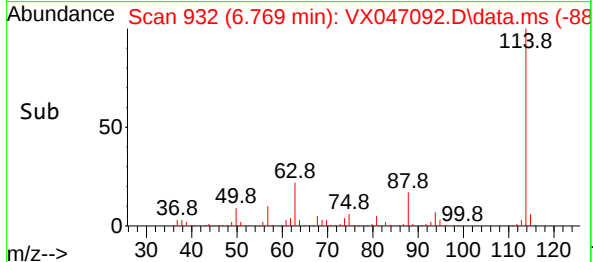
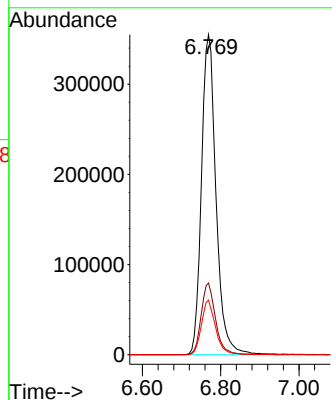
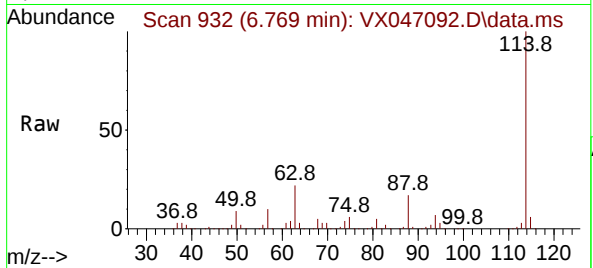




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

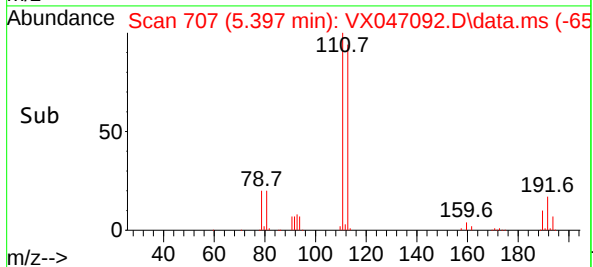
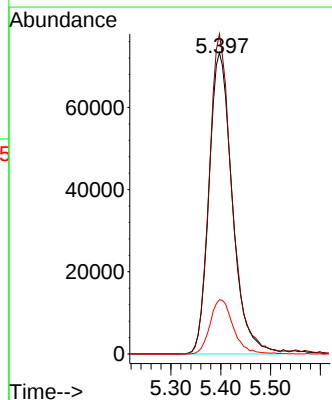
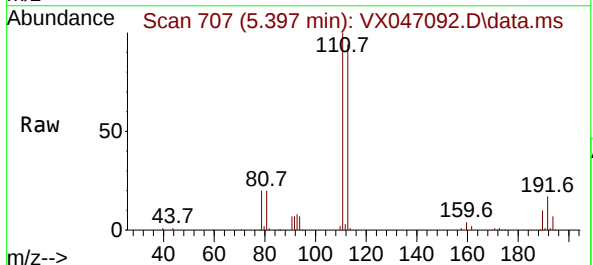
Instrument :
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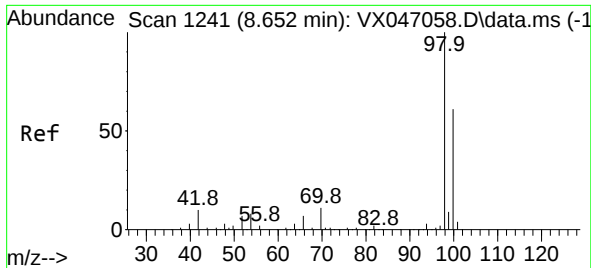
Tgt Ion:114 Resp: 915745
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 42.107 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion:113 Resp: 238076
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 17.9 14.9 22.3

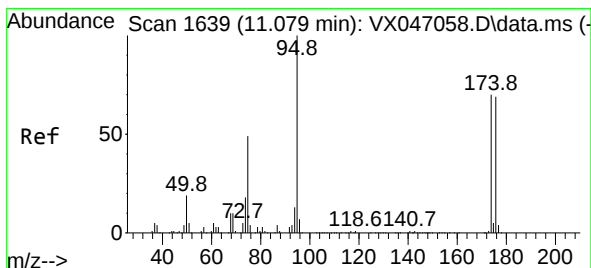
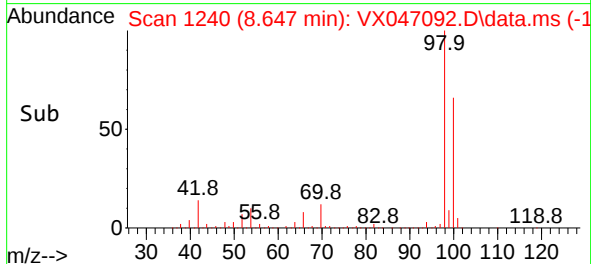
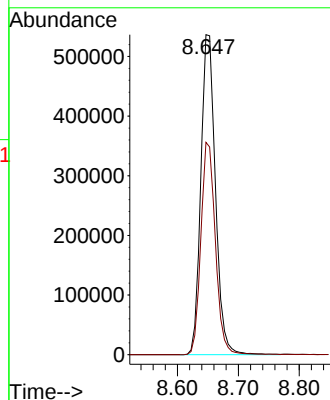
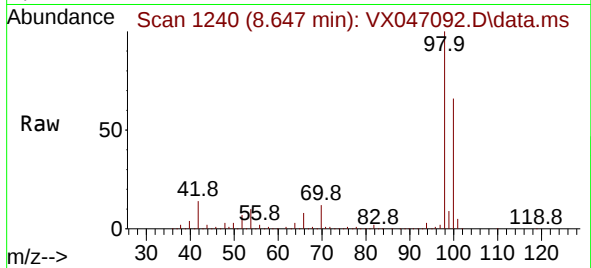




#50
Toluene-d8
Concen: 48.807 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

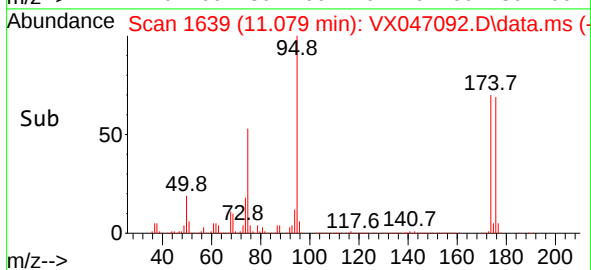
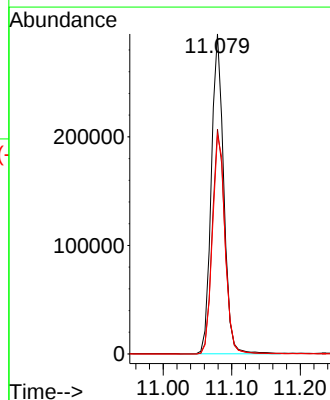
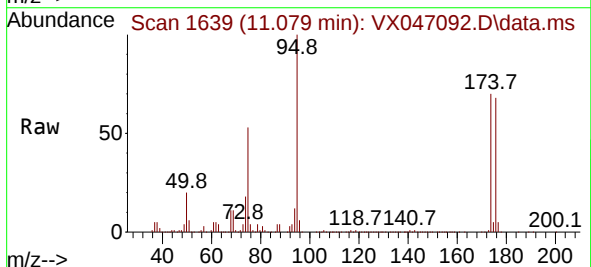
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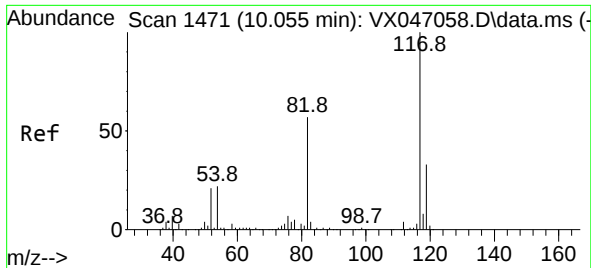
Tgt Ion: 98 Resp: 893698
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 46.851 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion: 95 Resp: 369700
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.6
176 70.4 0.0 139.6

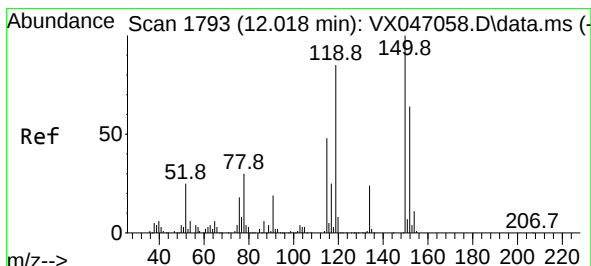
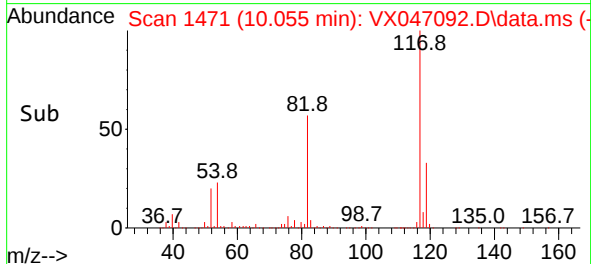
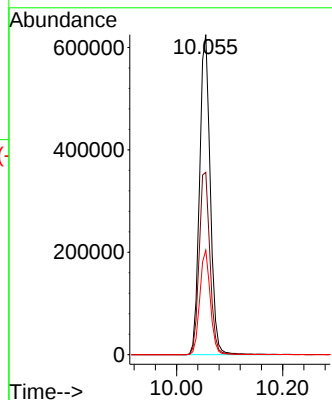
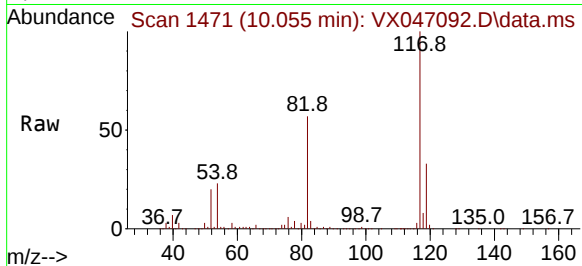




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047092.D
Acq: 23 Jul 2025 15:31

Instrument :
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Tgt Ion:117 Resp: 876790
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 32.7 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: VX047092.D
Acq: 23 Jul 2025 15:31

Tgt Ion:152 Resp: 439672
Ion Ratio Lower Upper
152 100
115 62.3 45.6 136.7
150 157.7 0.0 354.6

