

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047297.D
 Acq On : 12 Aug 2025 15:18
 Operator : JC/MD
 Sample : Q2814-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-82H-W

Quant Time: Aug 13 01:22:37 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)

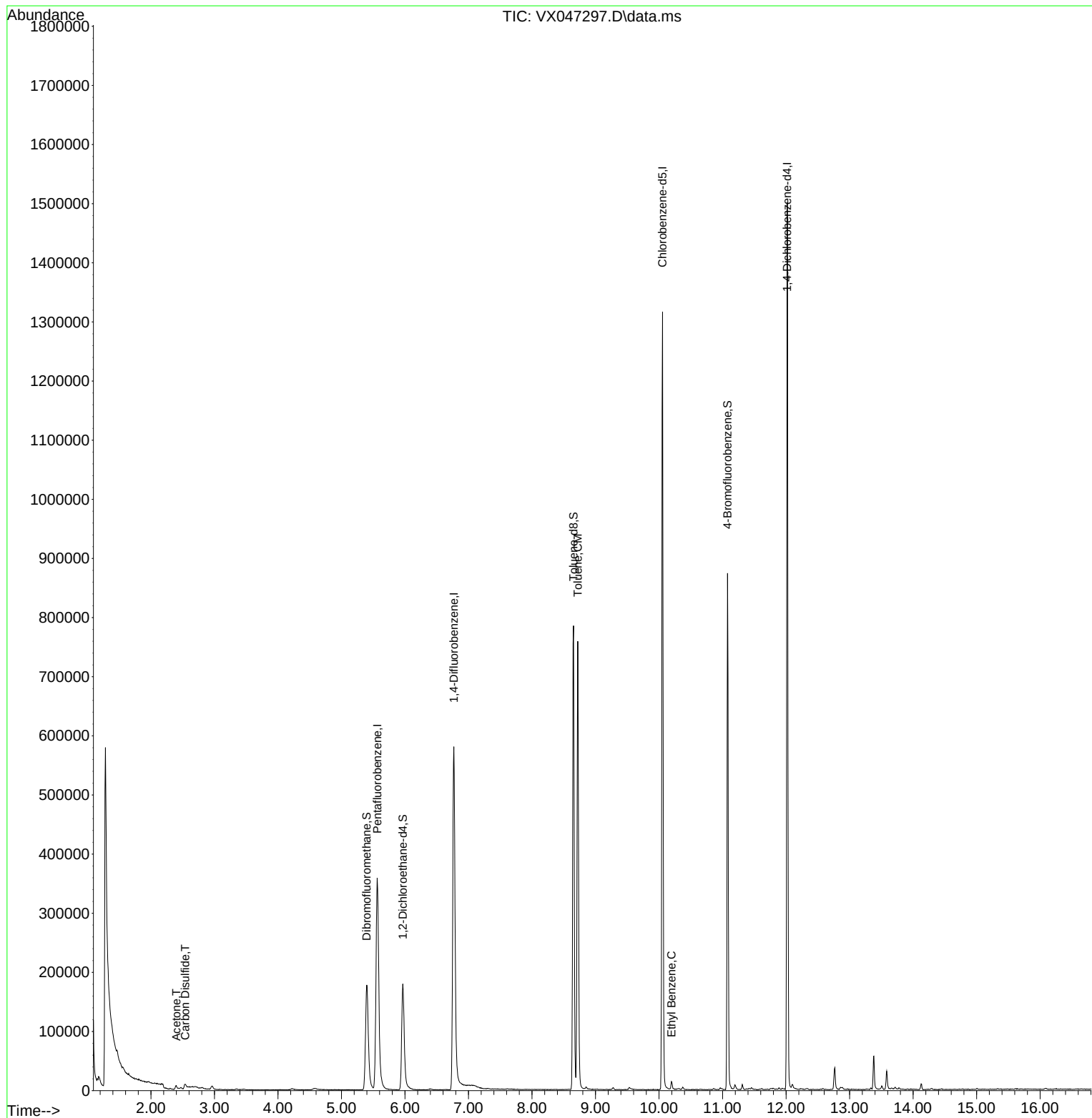
Internal Standards						
1) Pentafluorobenzene	5.562	168	362823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	637261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	569300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	291317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	190629	42.178	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.360%
35) Dibromofluoromethane	5.397	113	170160	43.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.500%
50) Toluene-d8	8.653	98	478891	37.583	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	75.160%#
62) 4-Bromofluorobenzene	11.079	95	234682	42.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.480%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	9967	5.505	ug/l #	87
17) Carbon Disulfide	2.538	76	18403	1.395	ug/l #	76
52) Toluene	8.720	92	293648	24.604	ug/l	98
67) Ethyl Benzene	10.195	91	7896	0.339	ug/l	91

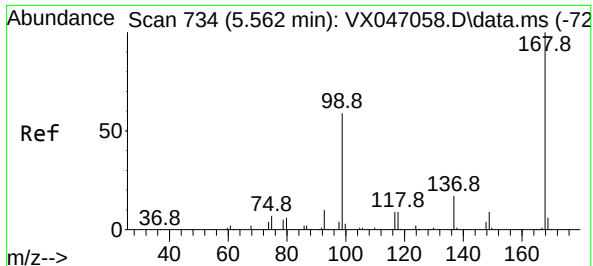
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 01:22:37 2025
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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

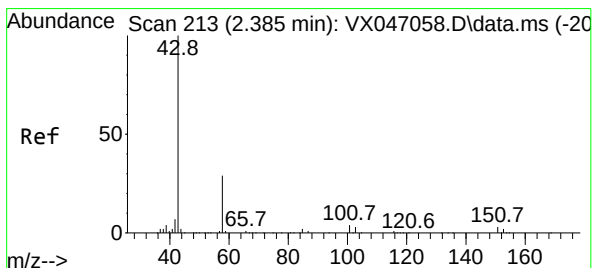
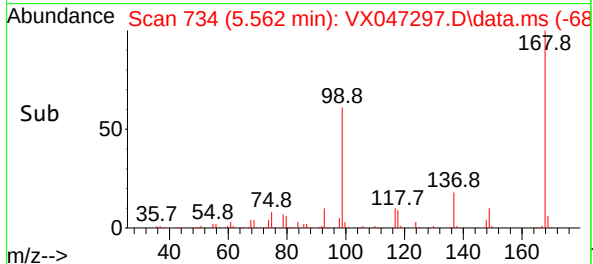
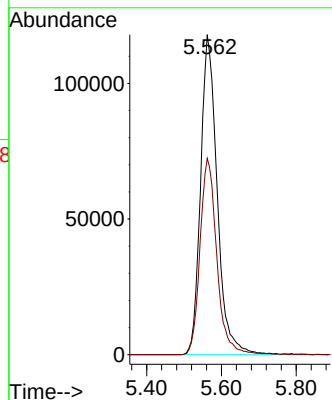
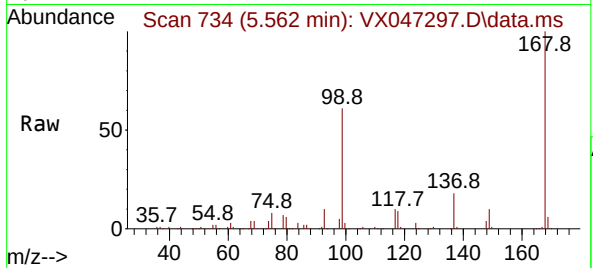




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

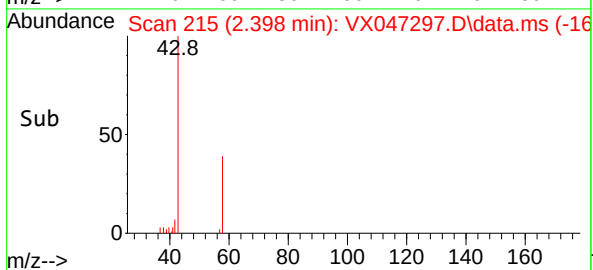
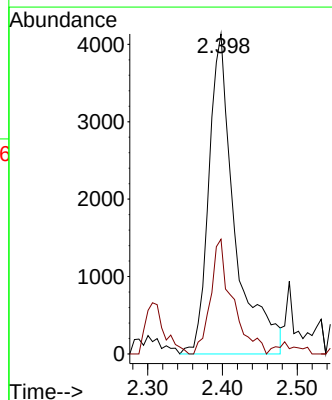
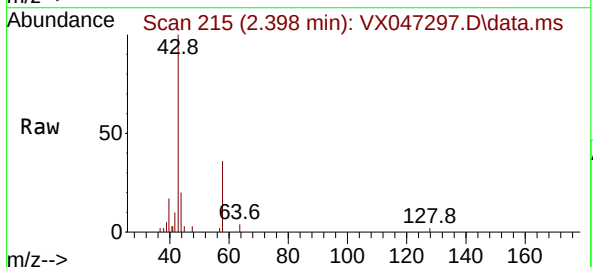
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-W

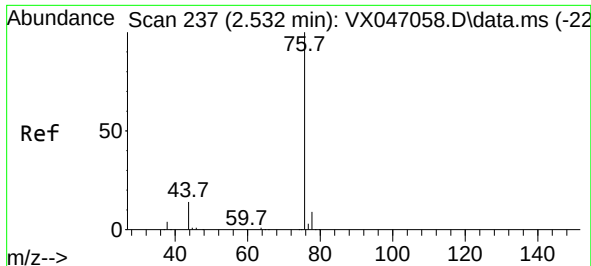
Tgt Ion:168 Resp: 362823
Ion Ratio Lower Upper
168 100
99 61.3 48.0 72.0



#16
Acetone
Concen: 5.505 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

Tgt Ion: 43 Resp: 9967
Ion Ratio Lower Upper
43 100
58 36.8 24.0 36.0#

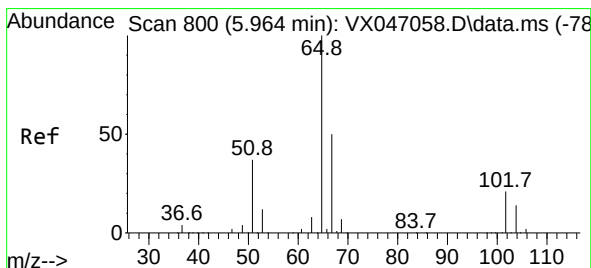
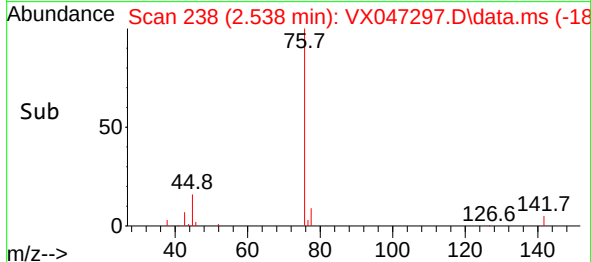
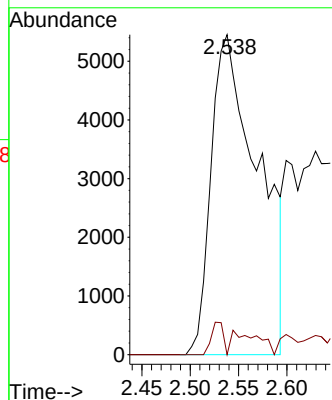
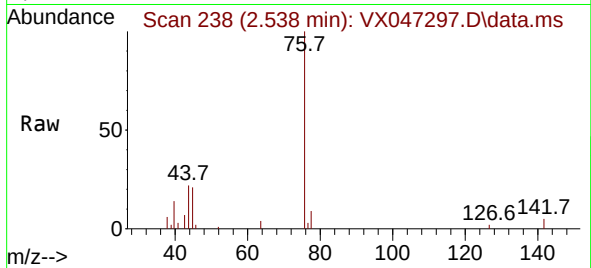




#17
Carbon Disulfide
Concen: 1.395 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

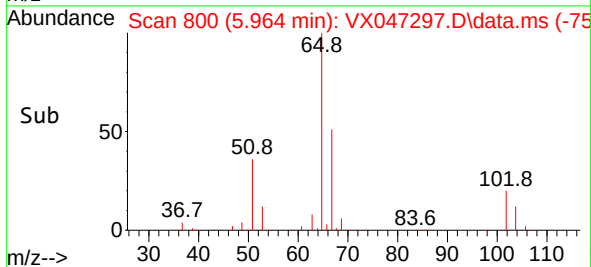
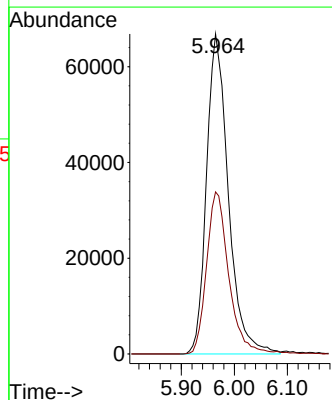
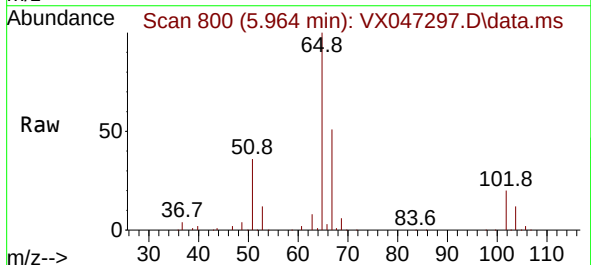
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-W

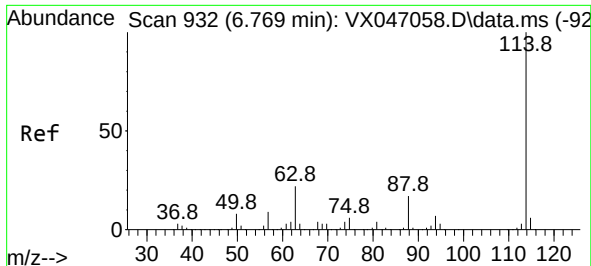
Tgt Ion: 76 Resp: 18403
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#33
1,2-Dichloroethane-d4
Concen: 42.178 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

Tgt Ion: 65 Resp: 190629
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

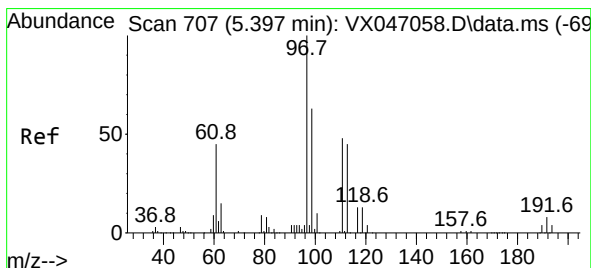
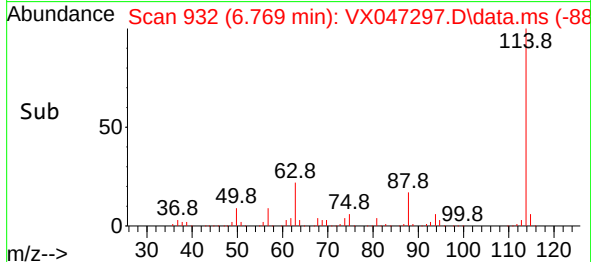
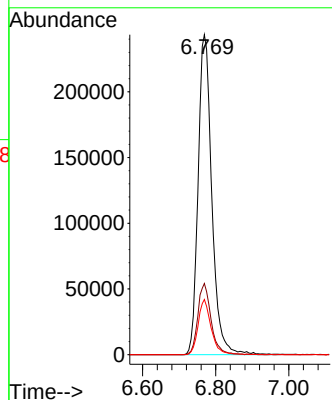
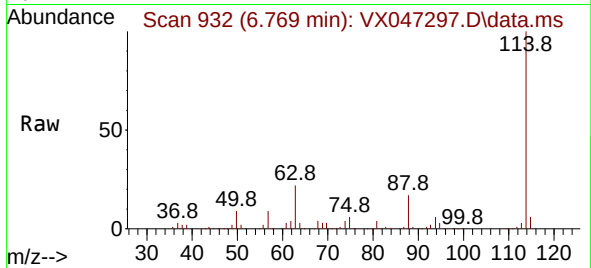




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

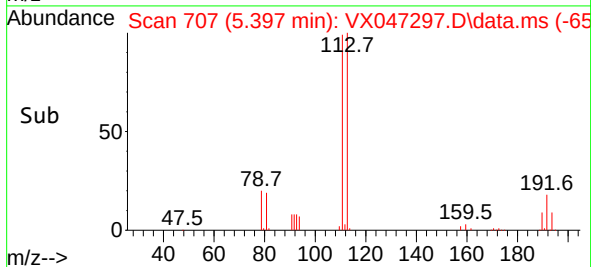
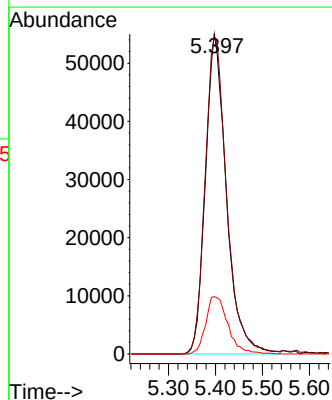
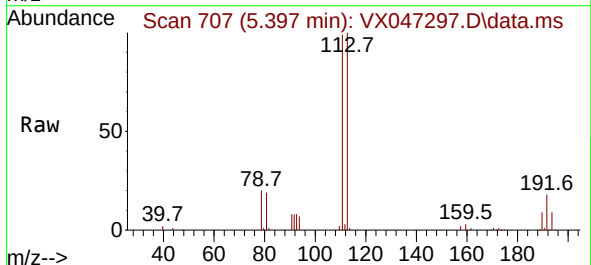
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-W

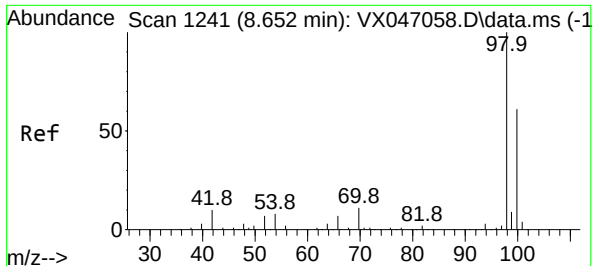
Tgt Ion:114 Resp: 637261
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.2
88 17.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 43.246 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

Tgt Ion:113 Resp: 170160
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.0 14.9 22.3





#50

Toluene-d8

Concen: 37.583 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047297.D

Acq: 12 Aug 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

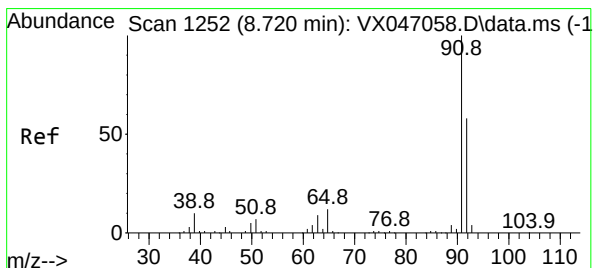
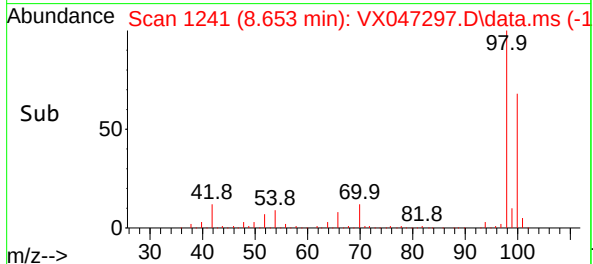
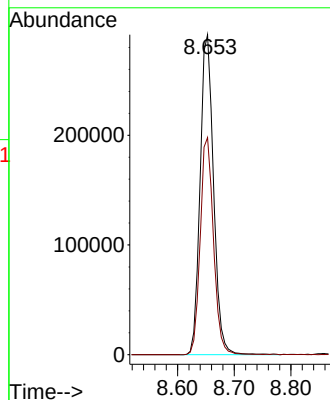
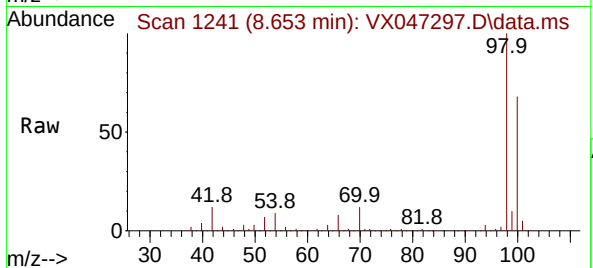
TW-82H-W

Tgt Ion: 98 Resp: 478891

Ion Ratio Lower Upper

98 100

100 67.0 53.3 79.9



#52

Toluene

Concen: 24.604 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX047297.D

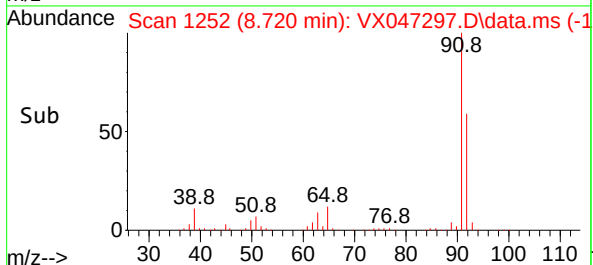
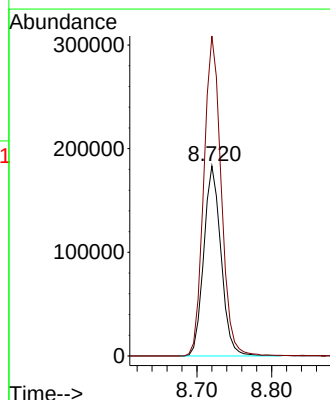
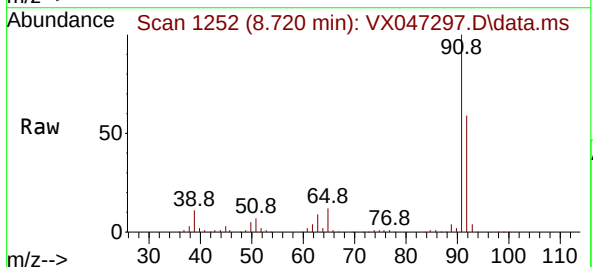
Acq: 12 Aug 2025 15:18

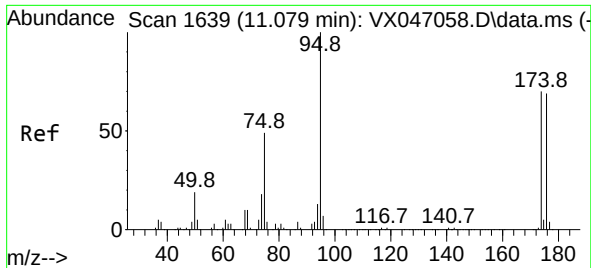
Tgt Ion: 92 Resp: 293648

Ion Ratio Lower Upper

92 100

91 170.0 137.9 206.9

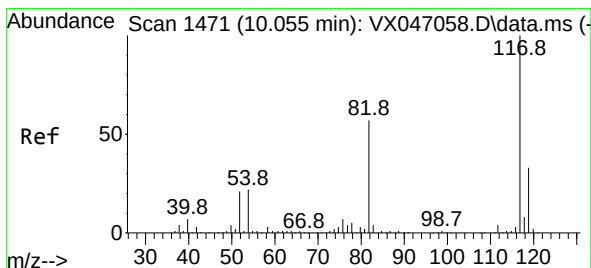
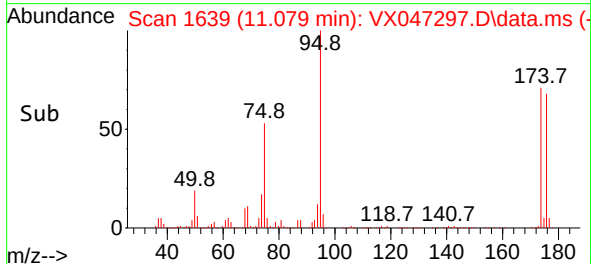
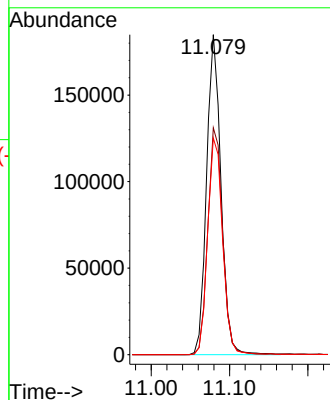
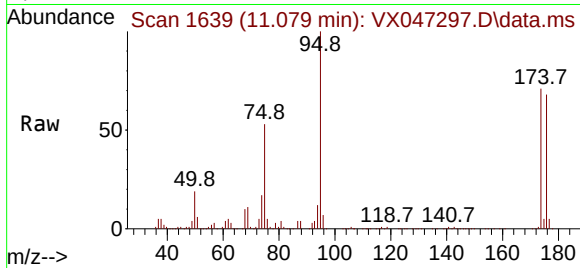




#62
4-Bromofluorobenzene
Concen: 42.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

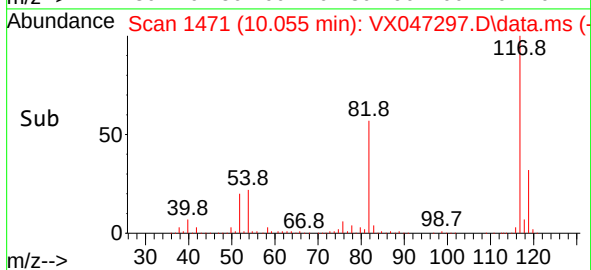
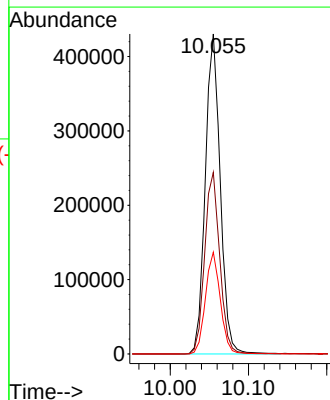
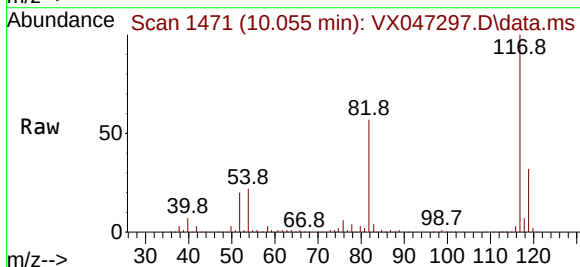
Instrument :
MSVOA_X
ClientSampleId :
TW-82H-W

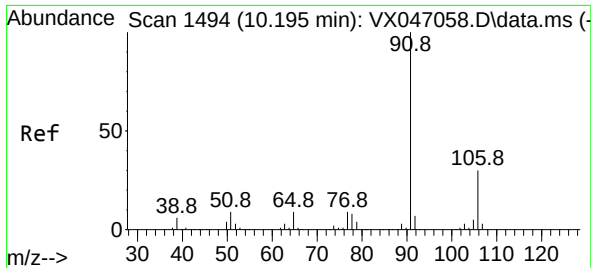
Tgt Ion: 95 Resp: 234682
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.6
176 70.5 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

Tgt Ion: 117 Resp: 569300
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 31.8 26.1 39.1

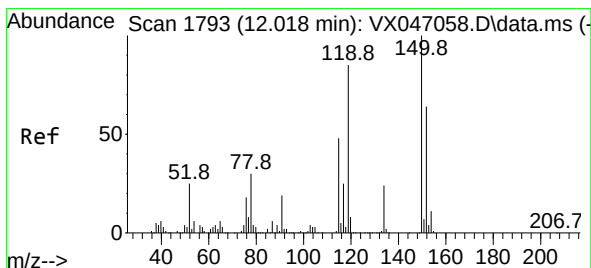
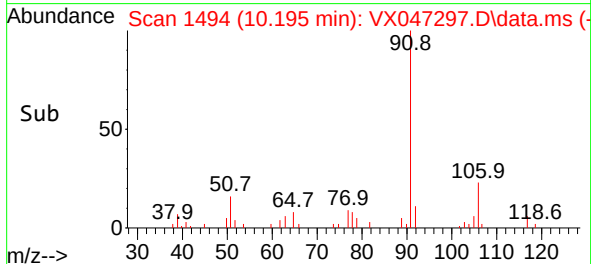
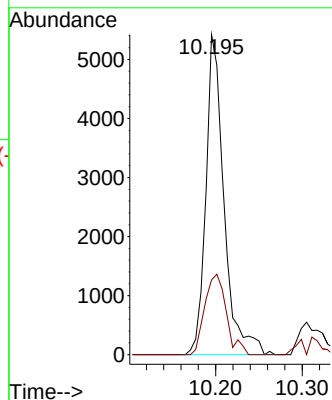
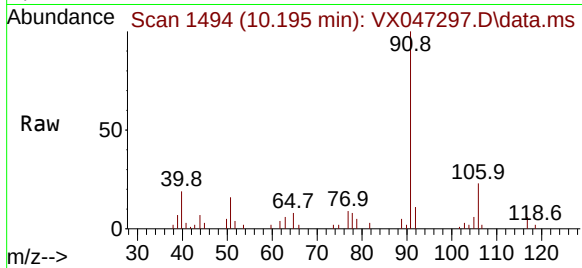




#67
Ethyl Benzene
Concen: 0.339 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
TW-82H-W

Tgt Ion: 91 Resp: 7896
Ion Ratio Lower Upper
91 100
106 25.1 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047297.D
Acq: 12 Aug 2025 15:18

Tgt Ion:152 Resp: 291317
Ion Ratio Lower Upper
152 100
115 62.3 45.6 136.7
150 157.5 0.0 354.6

