

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047449.D
 Acq On : 20 Aug 2025 17:35
 Operator : JC/MD
 Sample : Q2900-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-081825

Quant Time: Aug 21 01:36:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

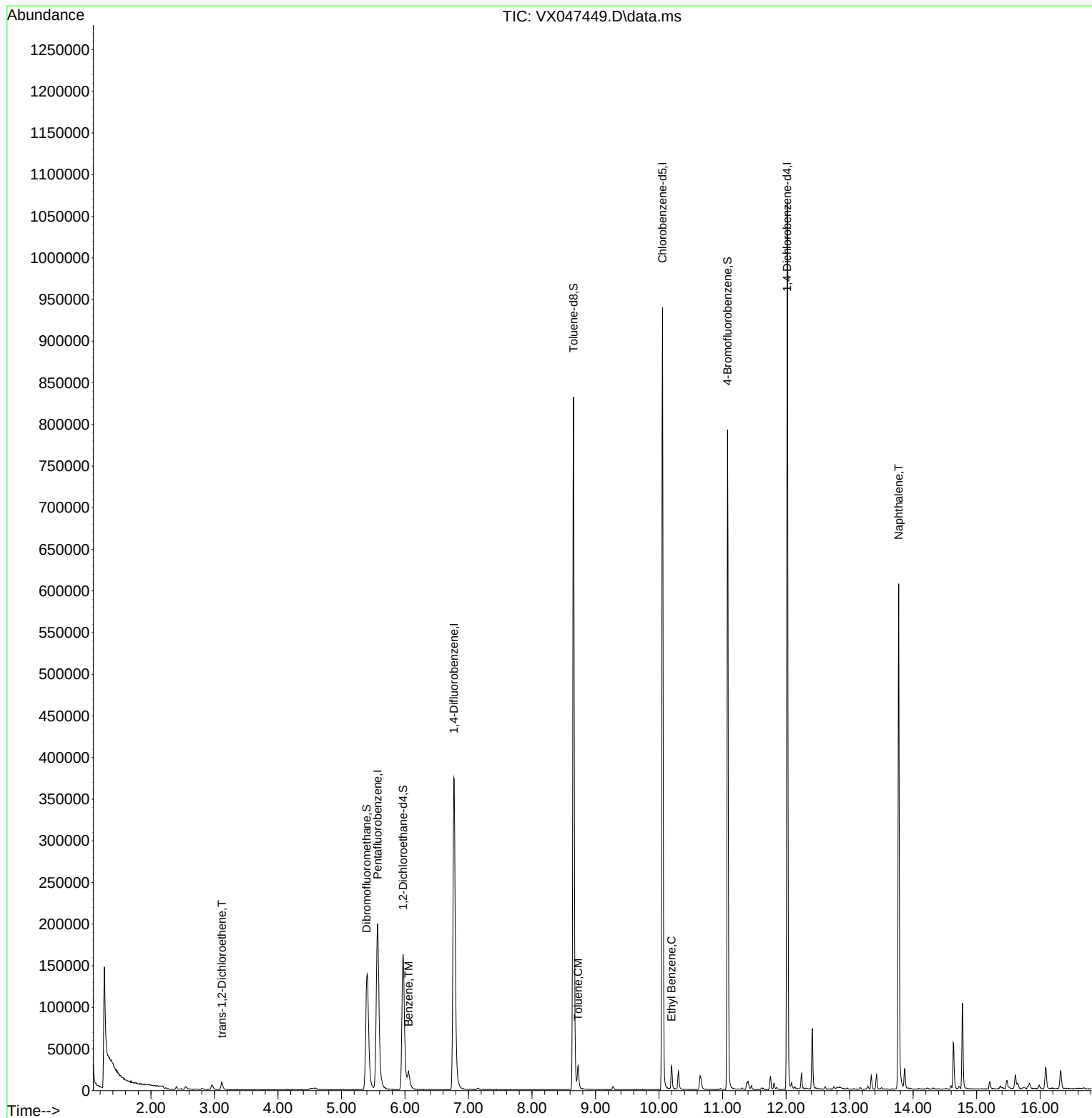
Internal Standards						
1) Pentafluorobenzene	5.568	168	200598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	408818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	173744	61.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 123.780%#	
35) Dibromofluoromethane	5.397	113	138643	52.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.500%	
50) Toluene-d8	8.653	98	489640	51.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	11.079	95	213590	61.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.060%	
Target Compounds						
						Qvalue
21) trans-1,2-Dichloroethene	3.117	96	4052	1.512	ug/l	82
40) Benzene	6.056	78	23794	1.898	ug/l	96
52) Toluene	8.726	92	11635	1.502	ug/l	93
67) Ethyl Benzene	10.195	91	17646	1.047	ug/l	97
95) Naphthalene	13.774	128	383018	26.501	ug/l	99

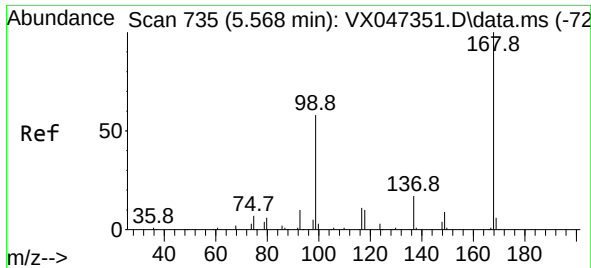
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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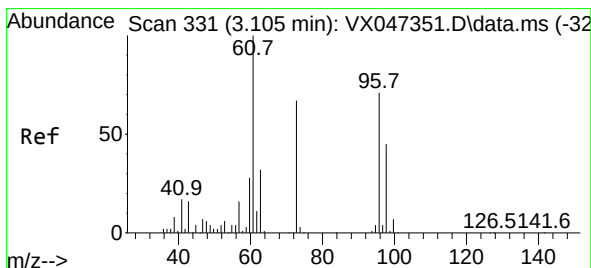
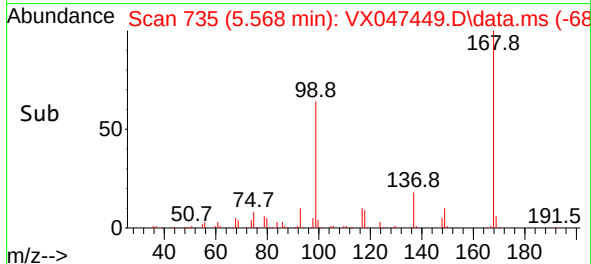
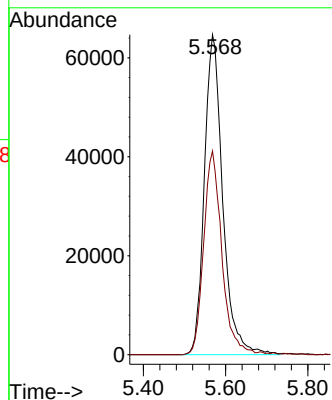
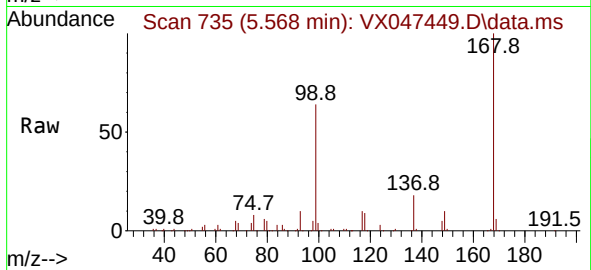




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

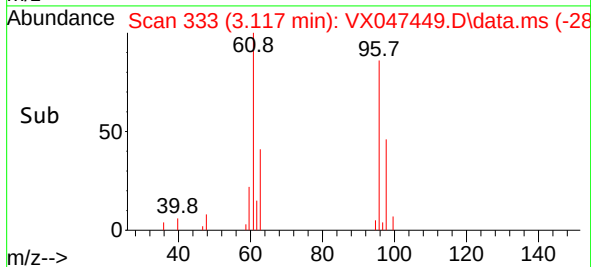
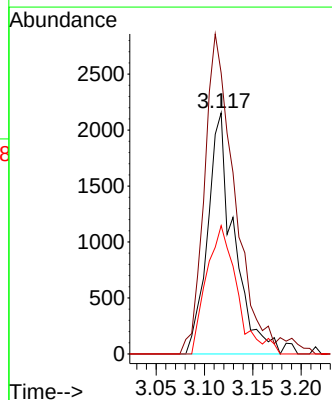
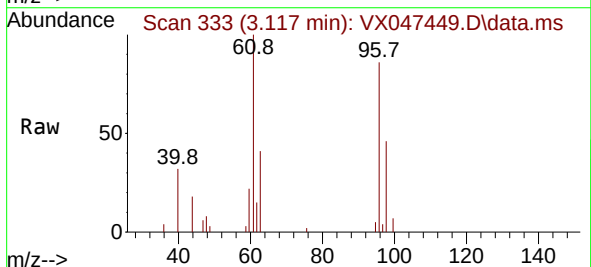
Instrument :
MSVOA_X
ClientSampleId :
TB-081825

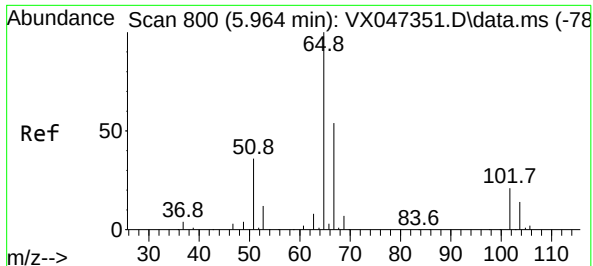
Tgt Ion:168 Resp: 200598
Ion Ratio Lower Upper
168 100
99 63.7 47.9 71.9



#21
trans-1,2-Dichloroethene
Concen: 1.512 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.012 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

Tgt Ion: 96 Resp: 4052
Ion Ratio Lower Upper
96 100
61 116.5 112.6 169.0
98 53.2 50.9 76.3

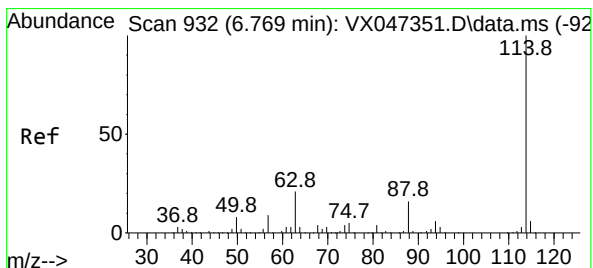
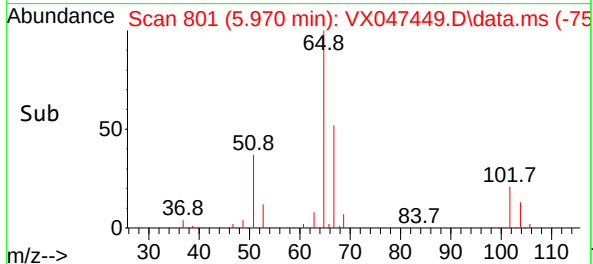
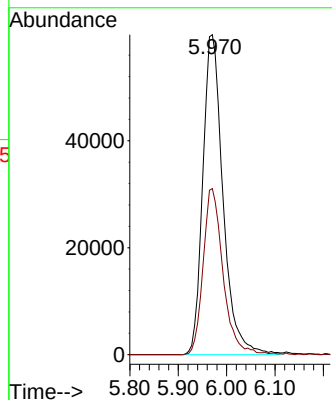
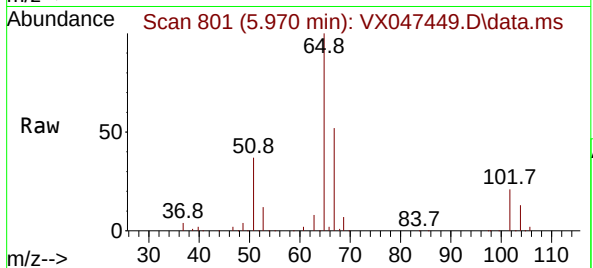




#33
 1,2-Dichloroethane-d4
 Concen: 61.887 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047449.D
 Acq: 20 Aug 2025 17:35

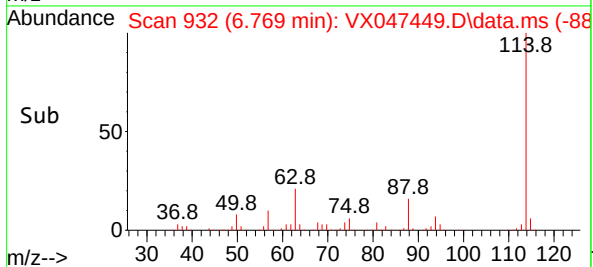
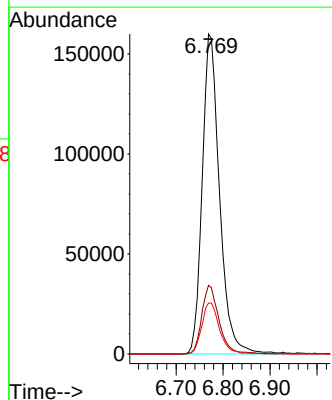
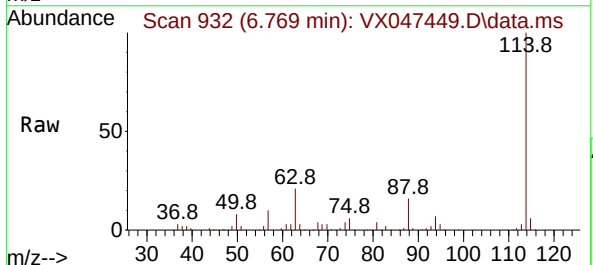
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-081825

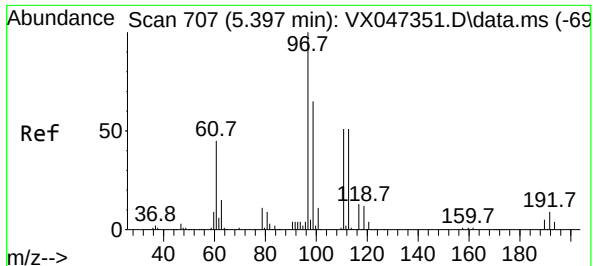
Tgt Ion: 65 Resp: 173744
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047449.D
 Acq: 20 Aug 2025 17:35

Tgt Ion: 114 Resp: 408818
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 15.9 0.0 33.0

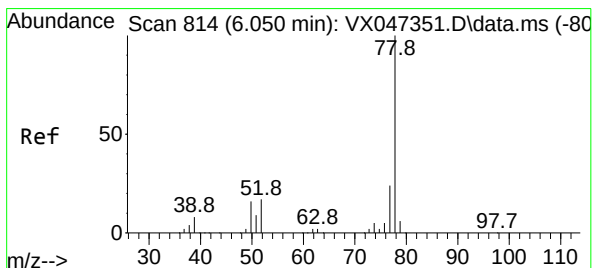
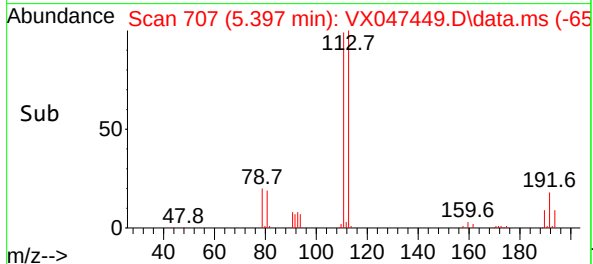
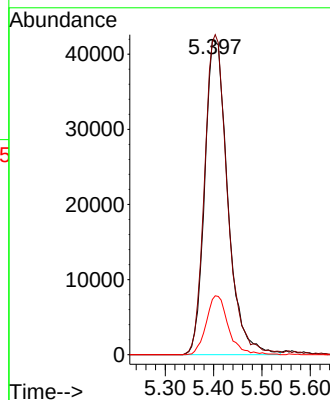
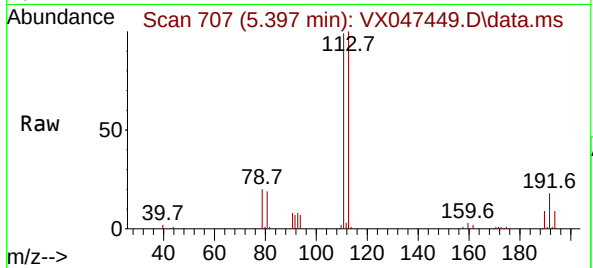




#35
Dibromofluoromethane
Concen: 52.254 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

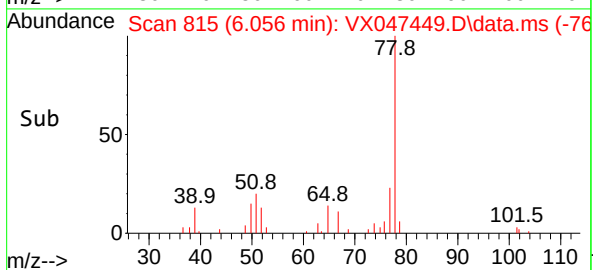
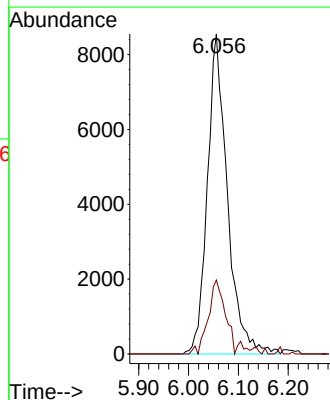
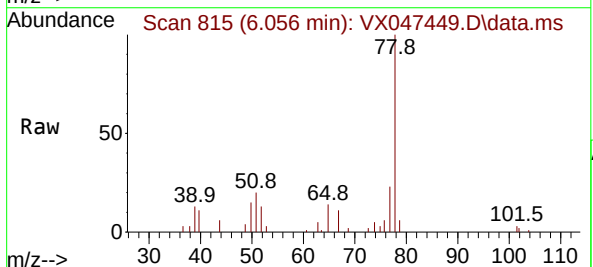
Instrument :
MSVOA_X
ClientSampleId :
TB-081825

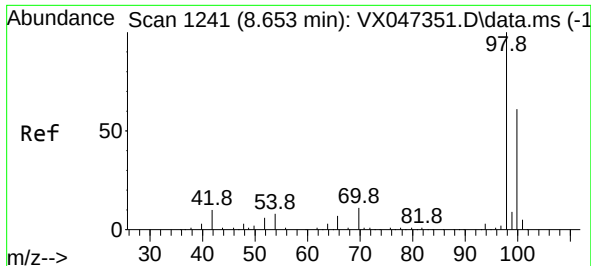
Tgt Ion:113 Resp: 138643
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 18.0 14.1 21.1



#40
Benzene
Concen: 1.898 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.006 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

Tgt Ion: 78 Resp: 23794
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4

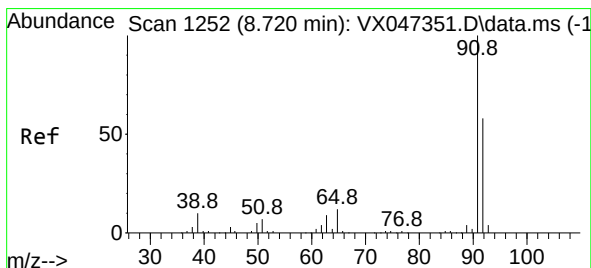
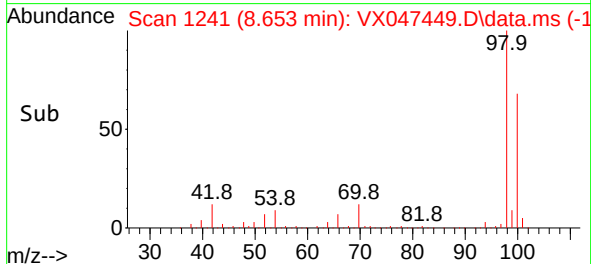
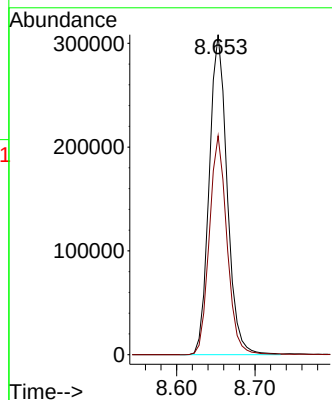
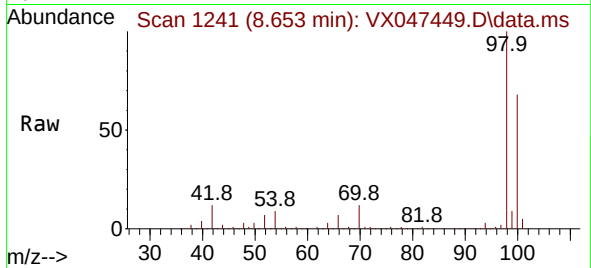




#50
Toluene-d8
Concen: 51.631 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

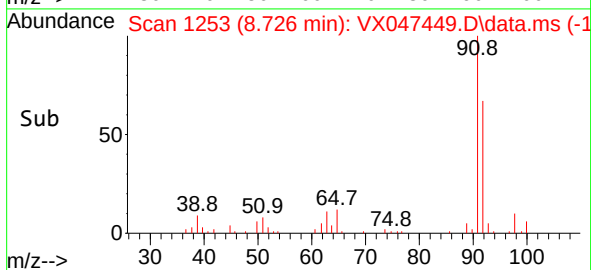
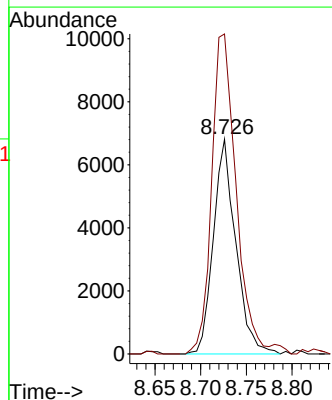
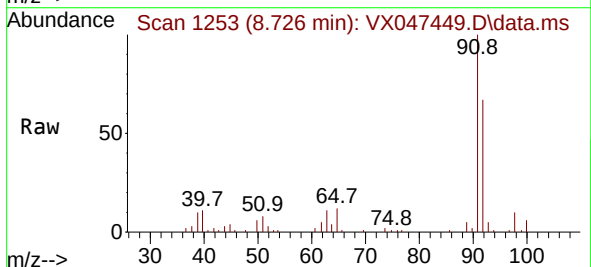
Instrument :
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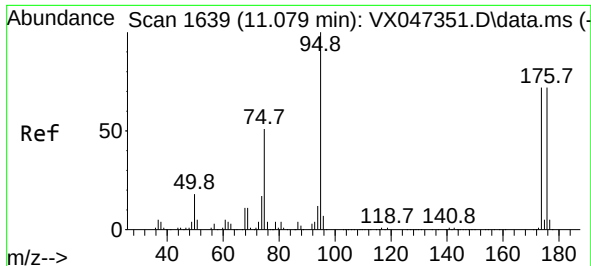
Tgt Ion: 98 Resp: 489640
Ion Ratio Lower Upper
98 100
100 67.2 53.9 80.9



#52
Toluene
Concen: 1.502 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

Tgt Ion: 92 Resp: 11635
Ion Ratio Lower Upper
92 100
91 161.2 136.3 204.5

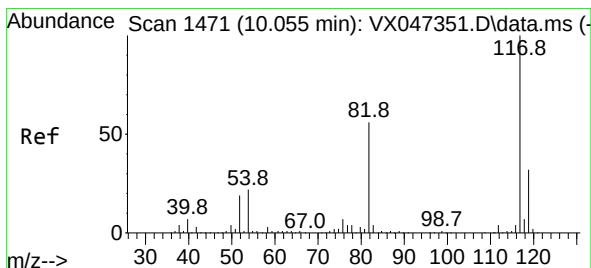
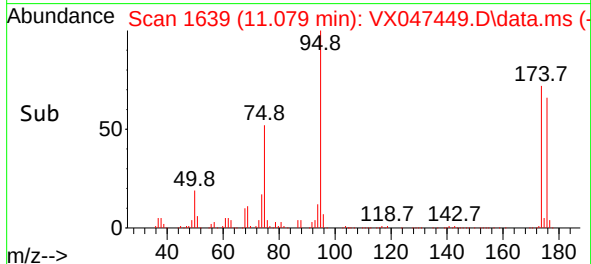
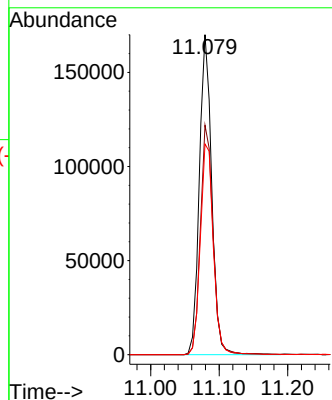
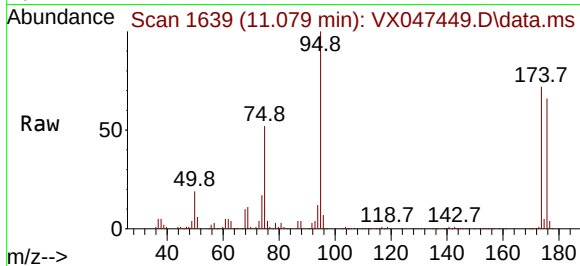




#62
4-Bromofluorobenzene
Concen: 61.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

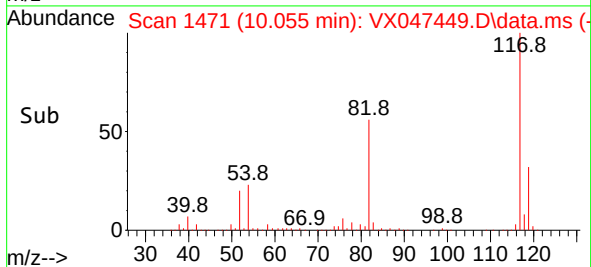
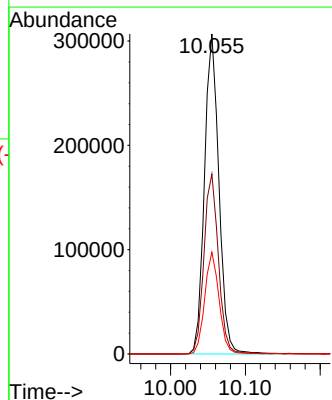
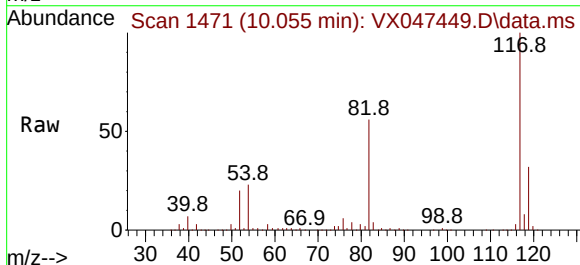
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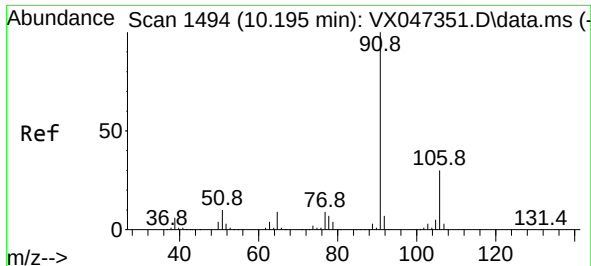
Tgt Ion: 95 Resp: 213590
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.0
176 69.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

Tgt Ion: 117 Resp: 412217
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.8 25.8 38.8

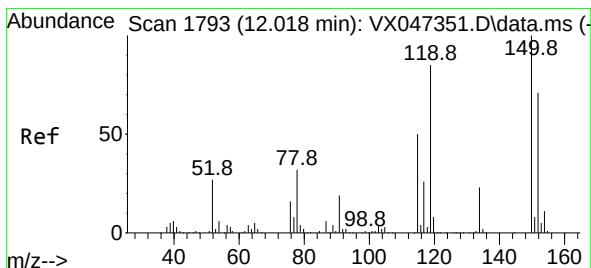
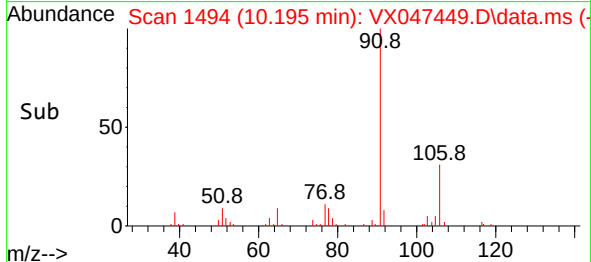
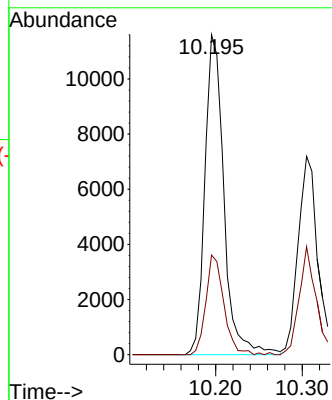
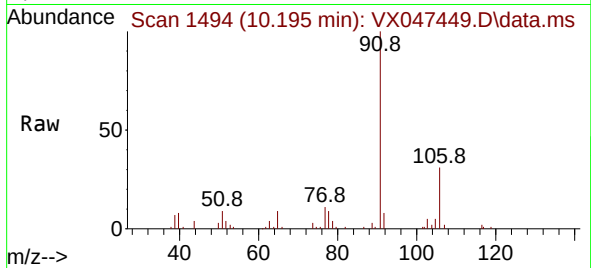




#67
Ethyl Benzene
Concen: 1.047 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

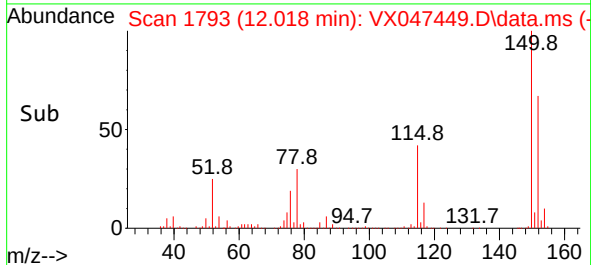
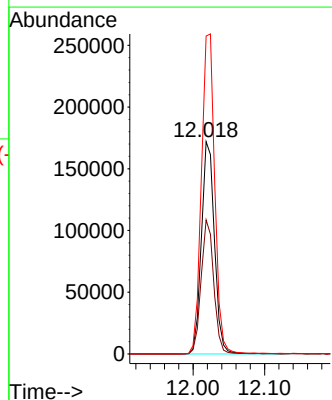
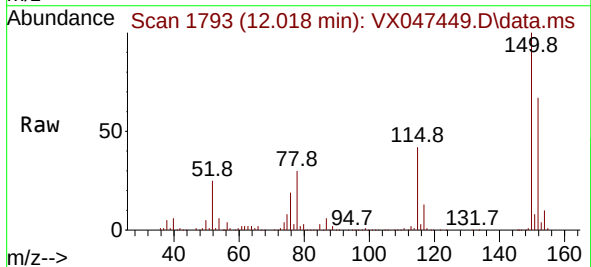
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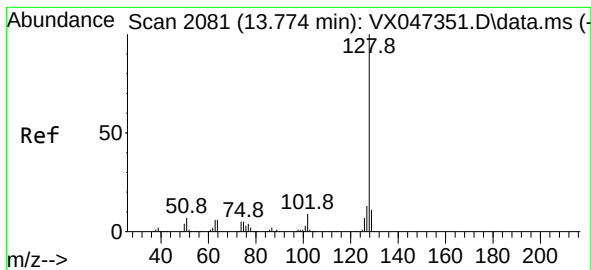
Tgt Ion: 91 Resp: 17646
Ion Ratio Lower Upper
91 100
106 28.9 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047449.D
Acq: 20 Aug 2025 17:35

Tgt Ion:152 Resp: 217719
Ion Ratio Lower Upper
152 100
115 61.2 44.6 133.8
150 154.2 0.0 349.8





#95

Naphthalene

Concen: 26.501 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047449.D

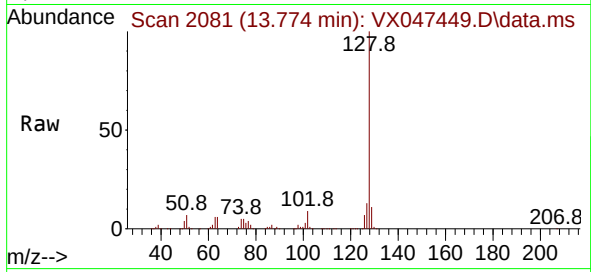
Acq: 20 Aug 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

TB-081825



Tgt Ion:128 Resp: 383018

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.0 8.7 13.1

