

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047163.D
 Acq On : 28 Jul 2025 14:24
 Operator : JC/MD
 Sample : Q2691-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 295

Quant Time: Jul 29 02:17:01 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)

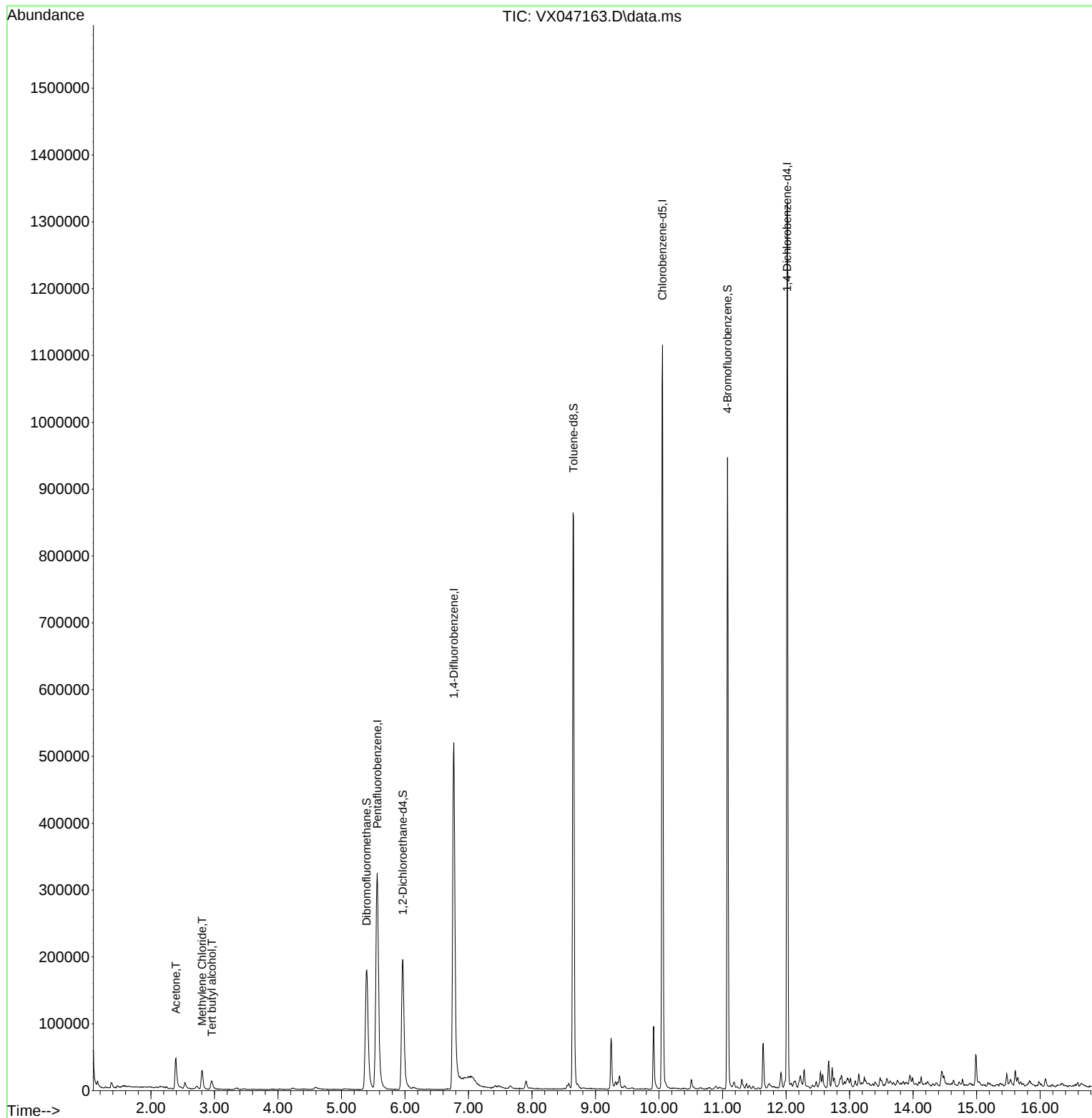
Internal Standards						
1) Pentafluorobenzene	5.562	168	324916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	555805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	258413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	205455	50.762	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.520%
35) Dibromofluoromethane	5.397	113	175878	51.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	8.653	98	535633	48.196	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	11.079	95	250113	52.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.440%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	15240	22.865	ug/l	99
16) Acetone	2.392	43	65957	40.679	ug/l	98
20) Methylene Chloride	2.806	84	13951	3.128	ug/l	95

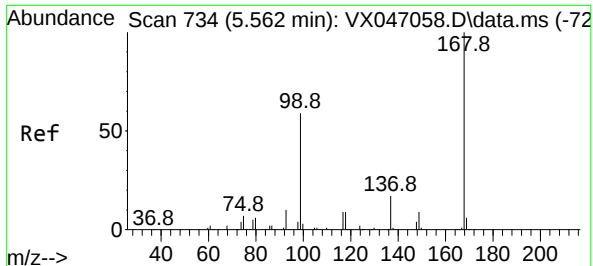
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

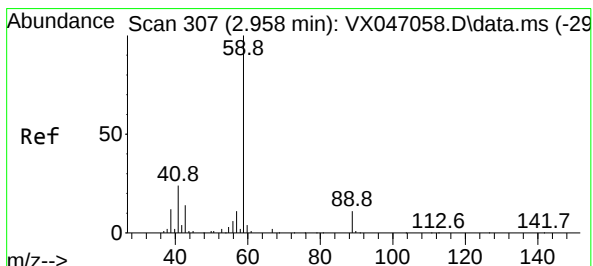
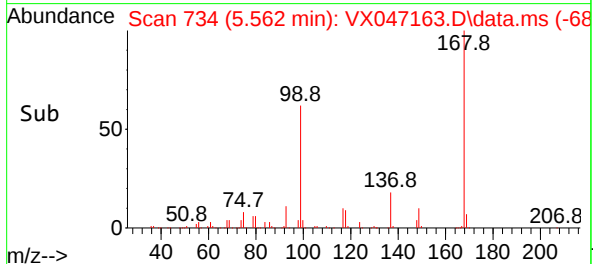
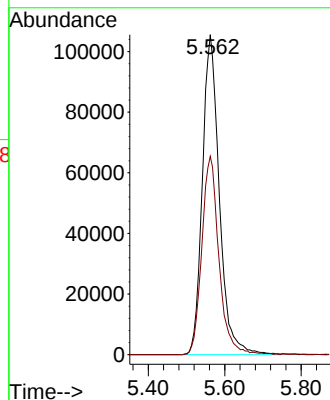
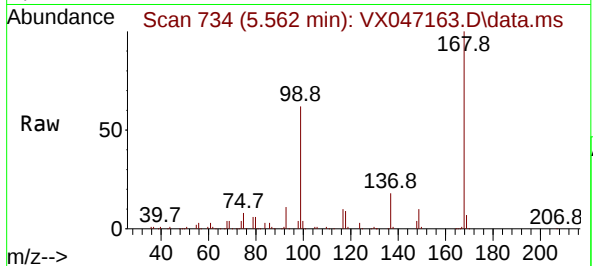




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

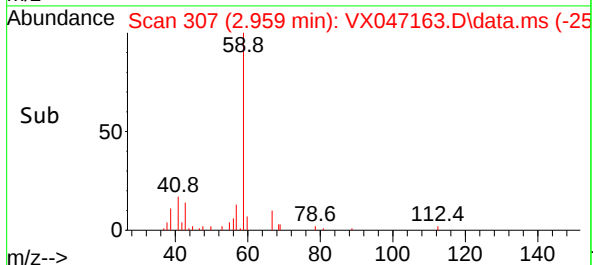
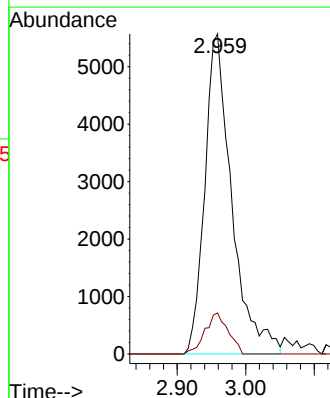
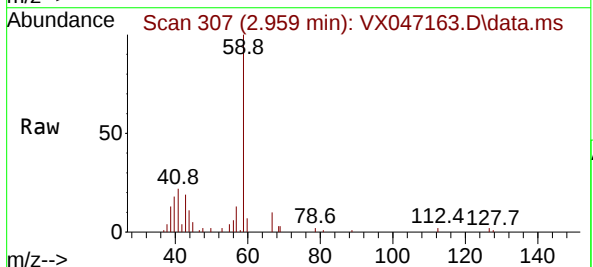
Instrument :
MSVOA_X
ClientSampleId :
295

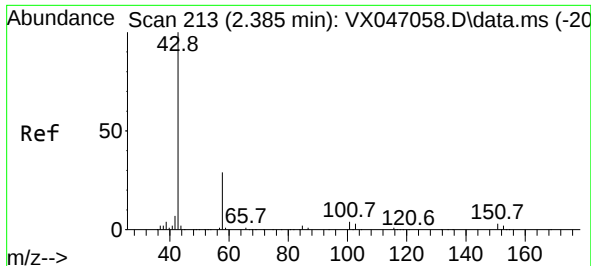
Tgt Ion:168 Resp: 324916
Ion Ratio Lower Upper
168 100
99 62.0 48.0 72.0



#11
Tert butyl alcohol
Concen: 22.865 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

Tgt Ion: 59 Resp: 15240
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

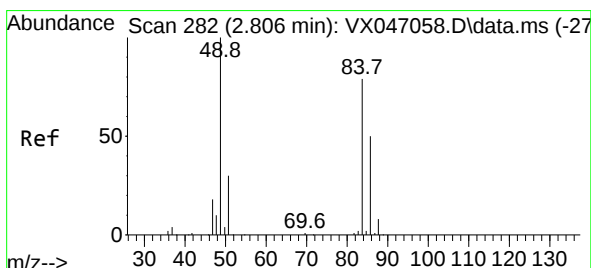
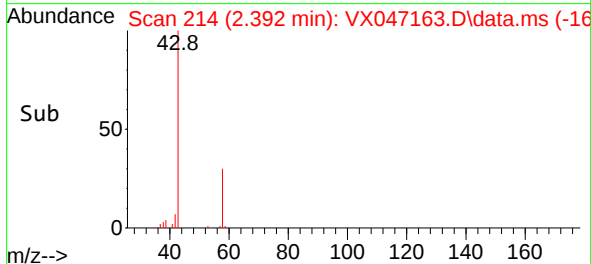
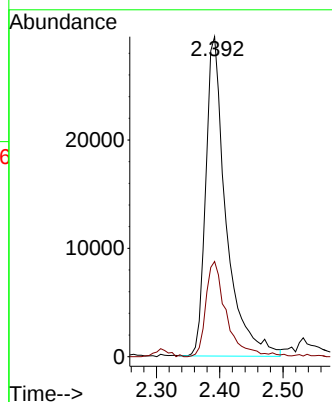
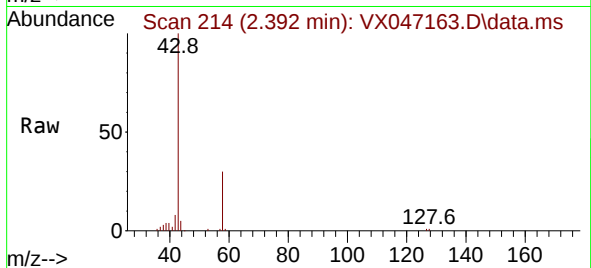




#16
Acetone
Concen: 40.679 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

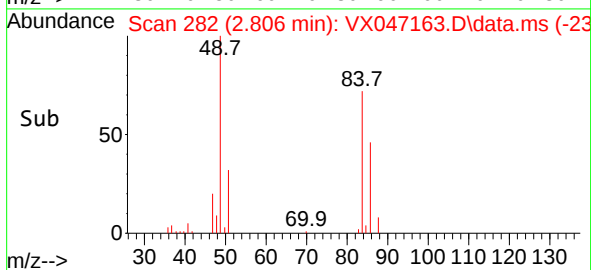
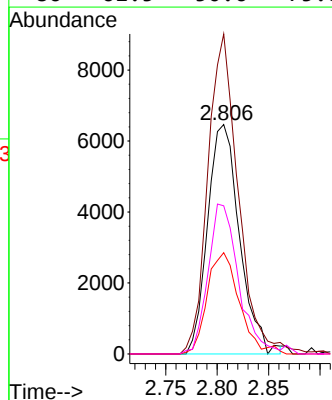
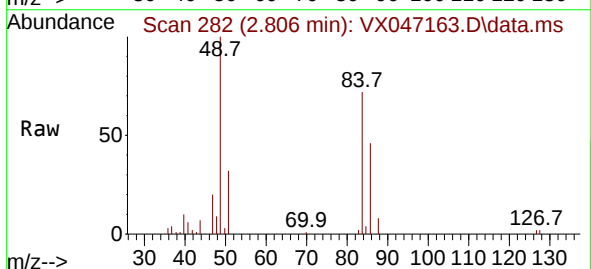
Instrument :
MSVOA_X
ClientSampleId :
295

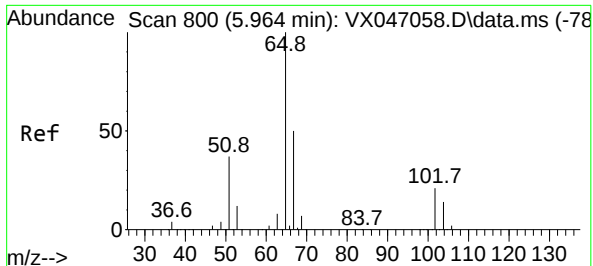
Tgt Ion: 43 Resp: 65957
Ion Ratio Lower Upper
43 100
58 29.0 24.0 36.0



#20
Methylene Chloride
Concen: 3.128 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

Tgt Ion: 84 Resp: 13951
Ion Ratio Lower Upper
84 100
49 132.9 101.6 152.4
51 42.1 30.3 45.5
86 61.5 50.6 75.8

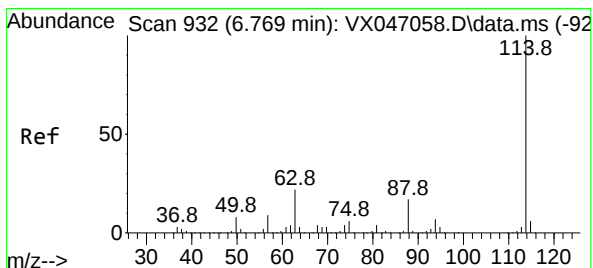
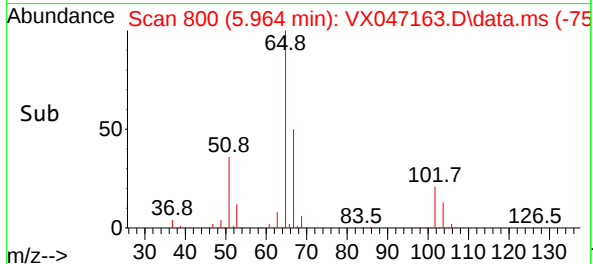
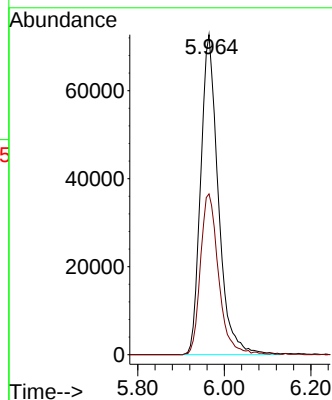
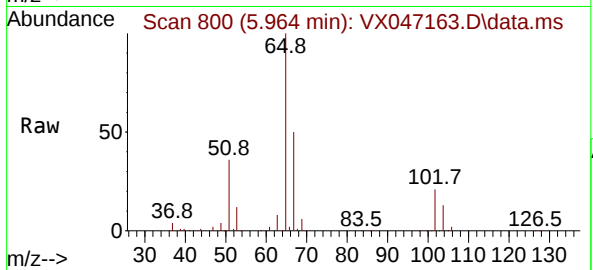




#33
 1,2-Dichloroethane-d4
 Concen: 50.762 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047163.D
 Acq: 28 Jul 2025 14:24

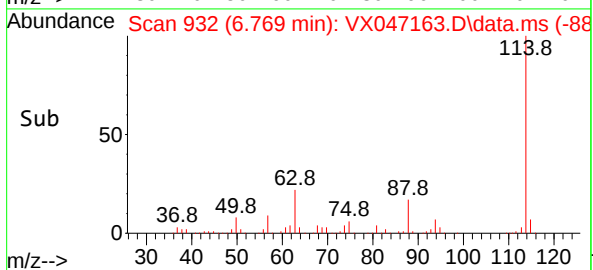
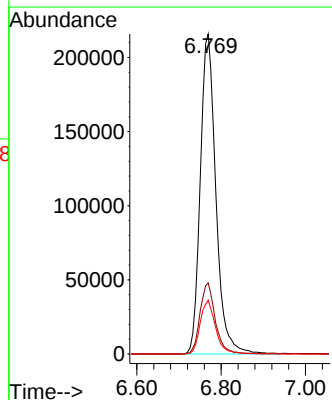
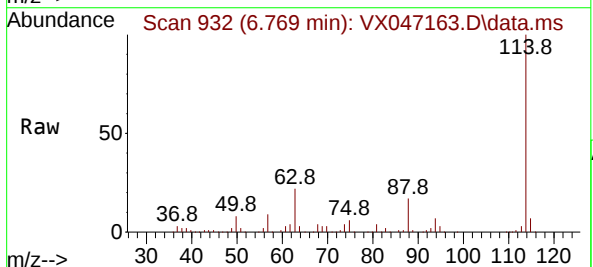
Instrument :
 MSVOA_X
 ClientSampleId :
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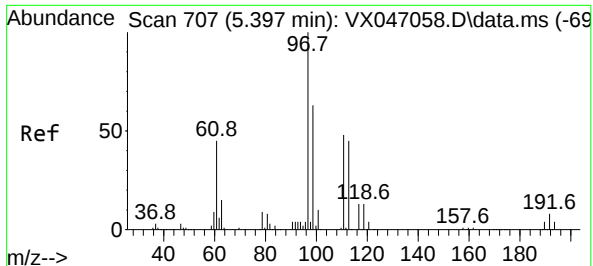
Tgt Ion: 65 Resp: 205455
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047163.D
 Acq: 28 Jul 2025 14:24

Tgt Ion: 114 Resp: 555805
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.8 0.0 33.8

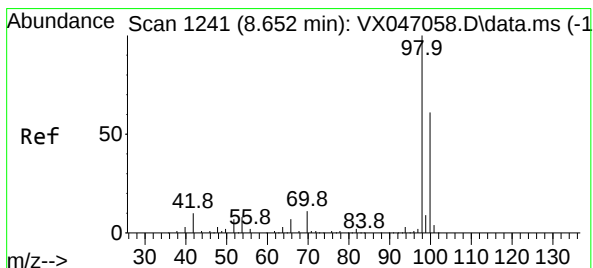
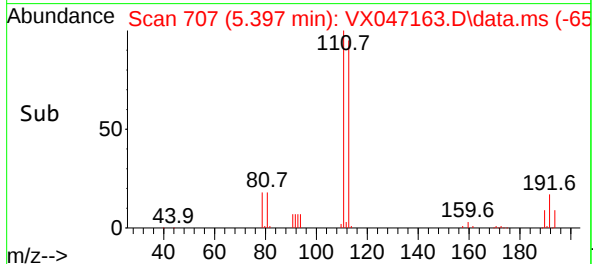
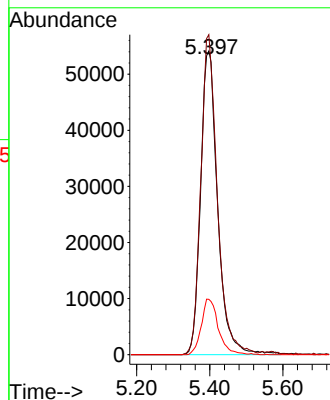
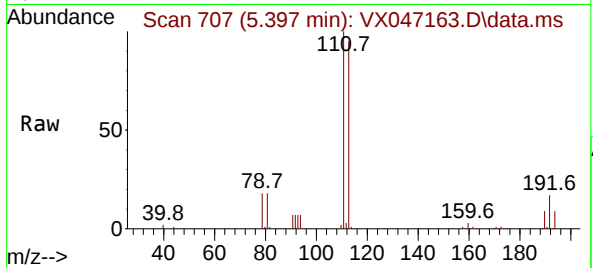




#35
Dibromofluoromethane
Concen: 51.251 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

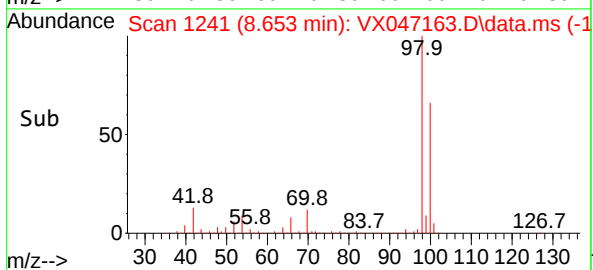
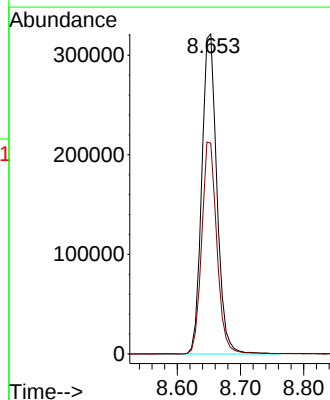
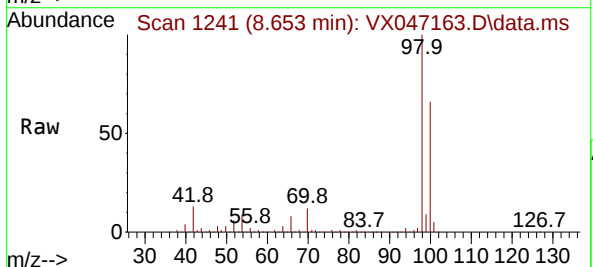
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ClientSampleId :
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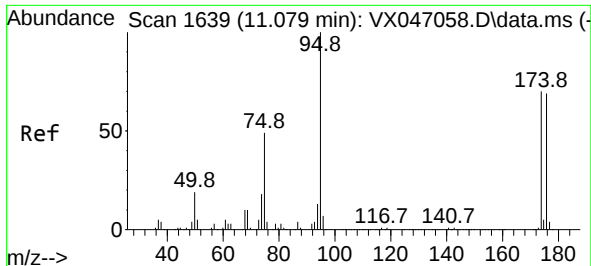
Tgt Ion:113 Resp: 175878
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.2 14.9 22.3



#50
Toluene-d8
Concen: 48.196 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

Tgt Ion: 98 Resp: 535633
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9

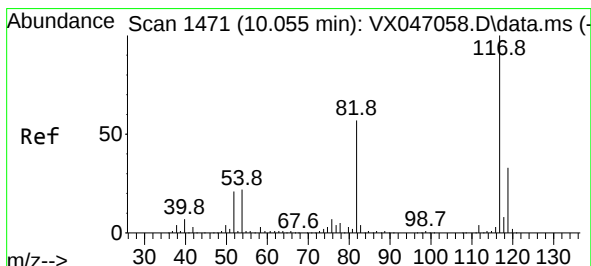
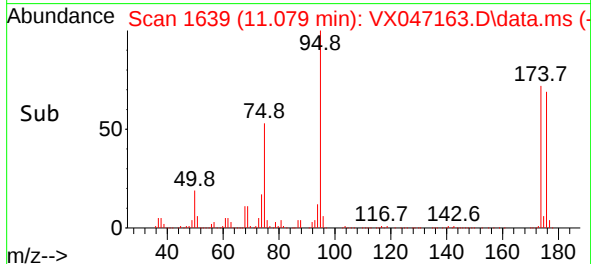
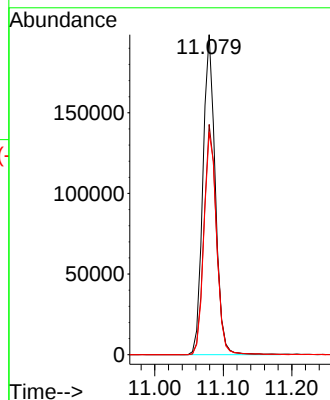
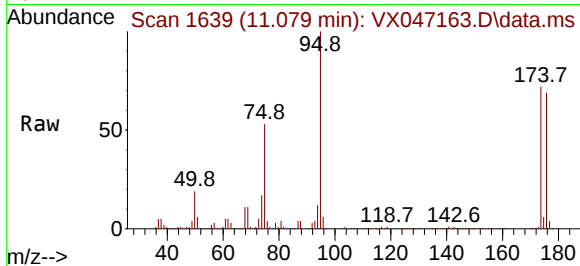




#62
4-Bromofluorobenzene
Concen: 52.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

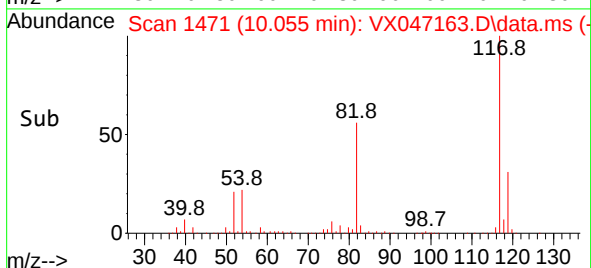
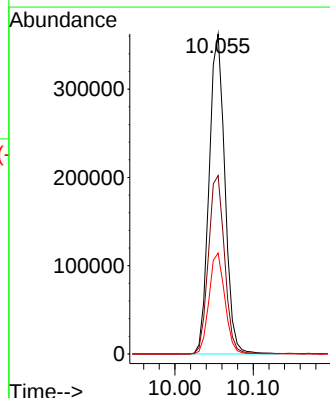
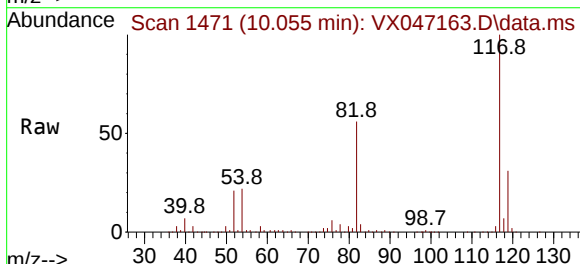
Instrument :
MSVOA_X
ClientSampleId :
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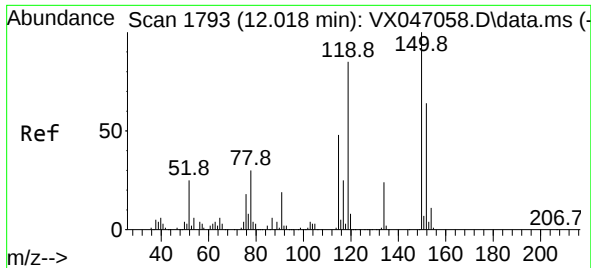
Tgt Ion: 95 Resp: 250113
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.6
176 71.0 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047163.D
Acq: 28 Jul 2025 14:24

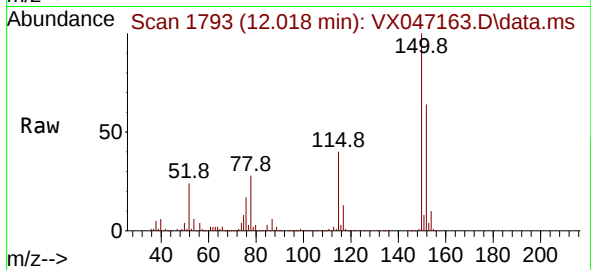
Tgt Ion: 117 Resp: 506145
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 31.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047163.D
 Acq: 28 Jul 2025 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 295



Tgt Ion:152 Resp: 258413
 Ion Ratio Lower Upper
 152 100
 115 62.6 45.6 136.7
 150 156.4 0.0 354.6

