

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047936.D
 Acq On : 01 Oct 2025 13:45
 Operator : JC/MD
 Sample : Q3193-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20250923

Quant Time: Oct 03 01:21:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

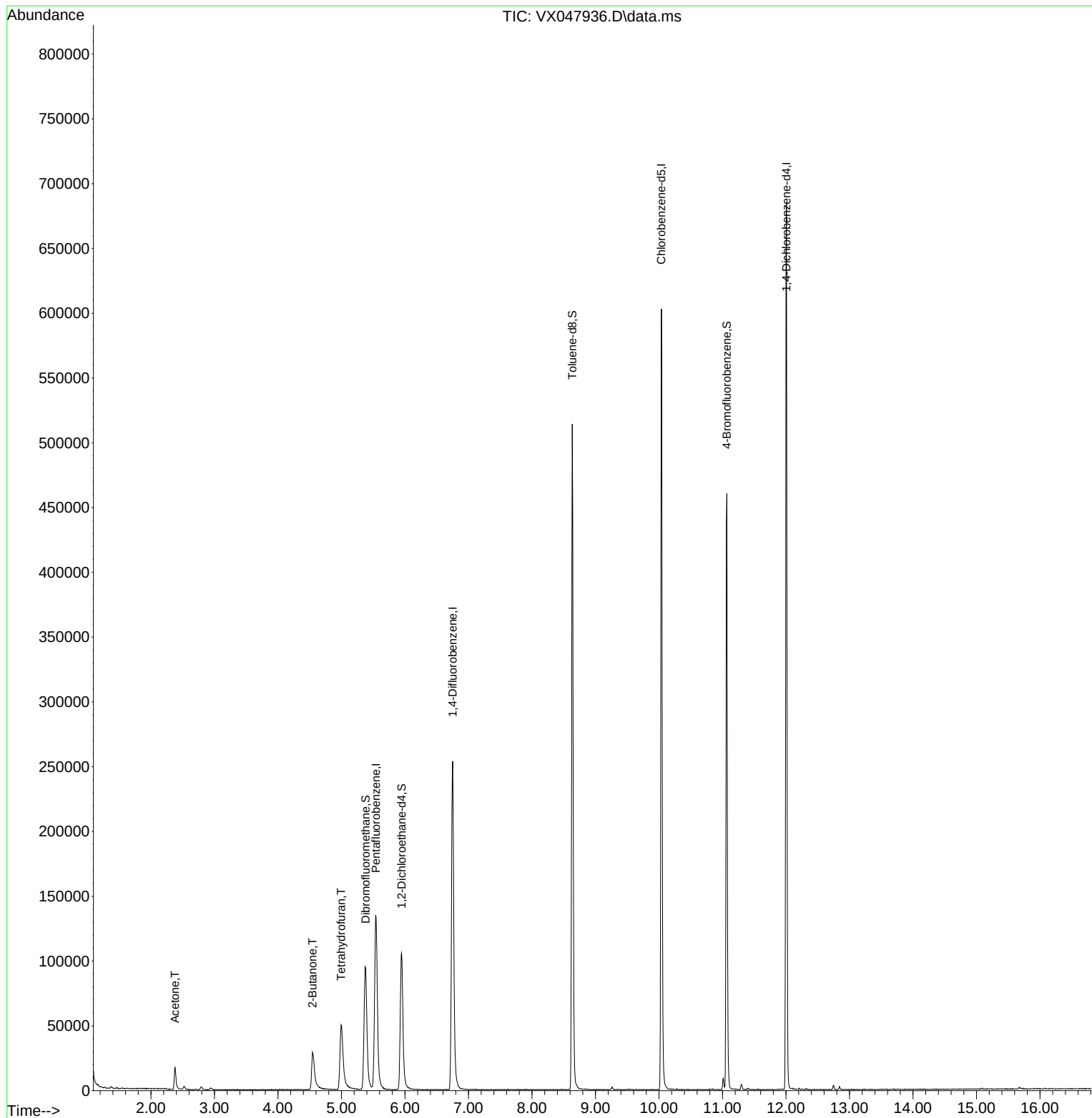
Internal Standards						
1) Pentafluorobenzene	5.544	168	134914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	283583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	146064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115870	53.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.920%			
35) Dibromofluoromethane	5.379	113	94315	51.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	8.635	98	313021	49.503	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.000%			
62) 4-Bromofluorobenzene	11.067	95	136111	56.718	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.440%			
Target Compounds						
16) Acetone	2.380	43	22809	24.428	ug/l	94
25) 2-Butanone	4.544	43	61512	52.813	ug/l	97
29) Tetrahydrofuran	4.995	42	56298	80.349	ug/l	98

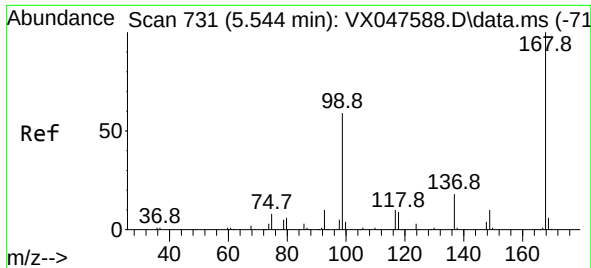
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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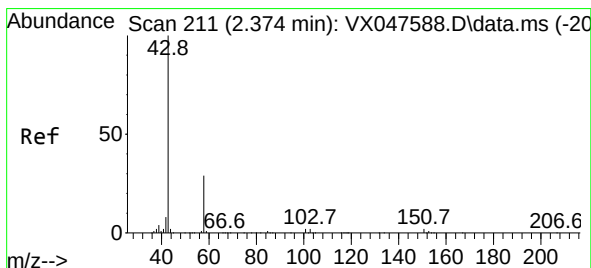
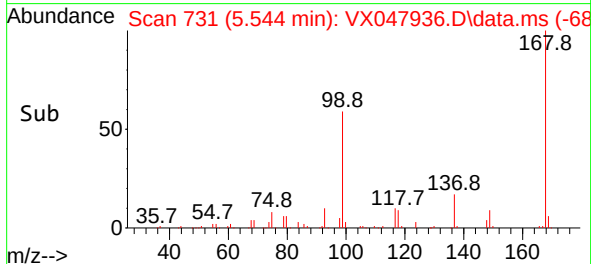
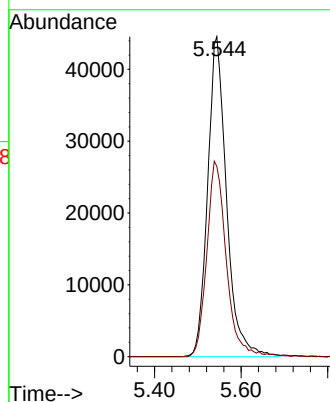
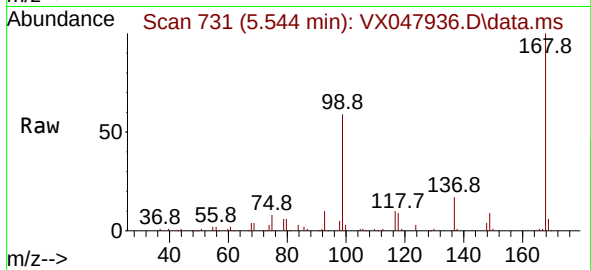




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

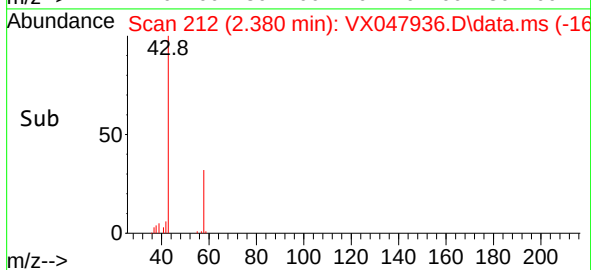
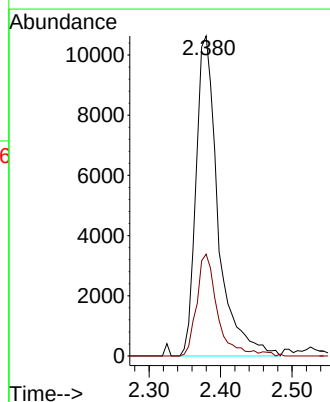
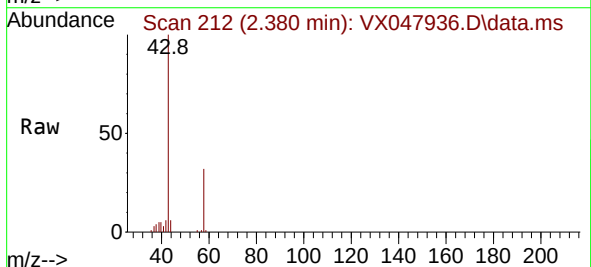
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

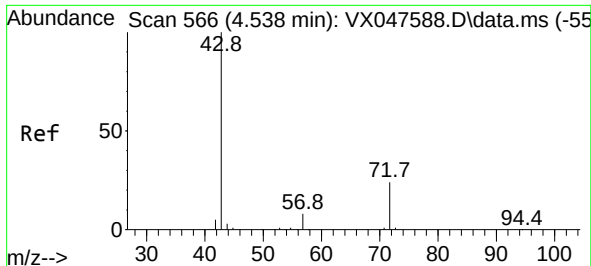
Tgt Ion:168 Resp: 134914
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#16
Acetone
Concen: 24.428 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 43 Resp: 22809
Ion Ratio Lower Upper
43 100
58 32.5 23.4 35.0

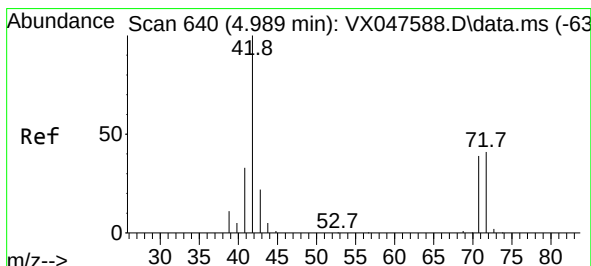
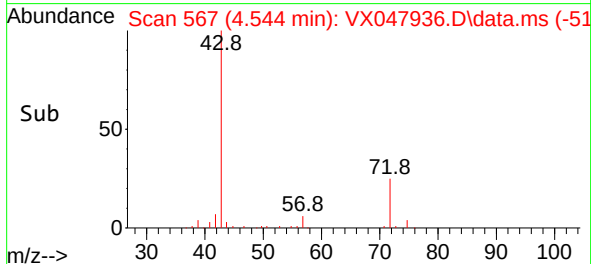
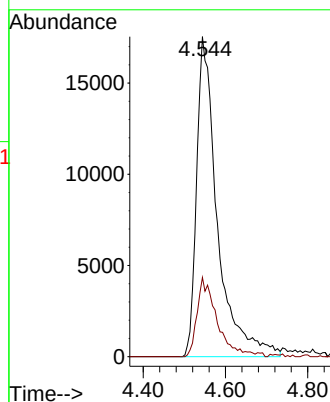
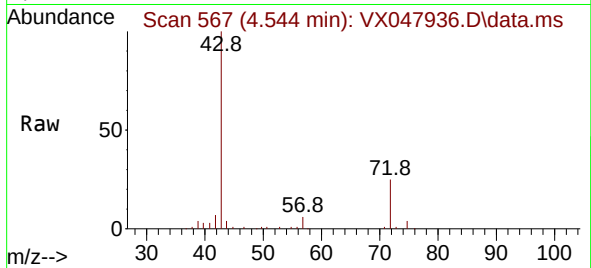




#25
2-Butanone
Concen: 52.813 ug/l
RT: 4.544 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

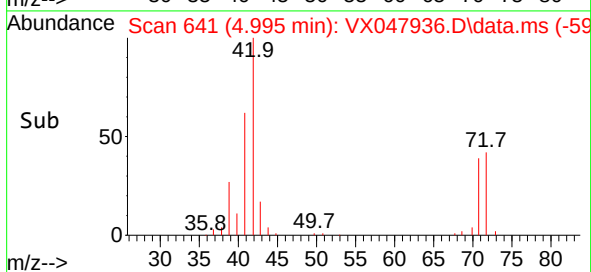
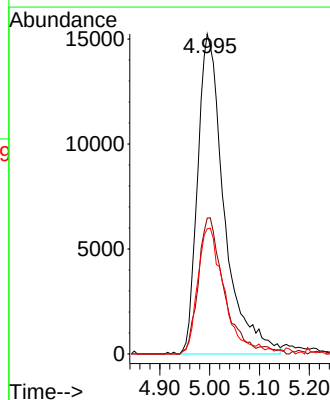
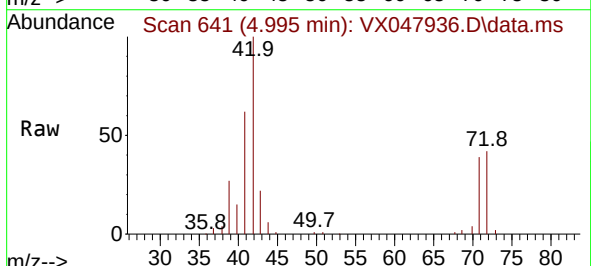
Instrument :
MSVOA_X
ClientSampleId :
EB04-20250923

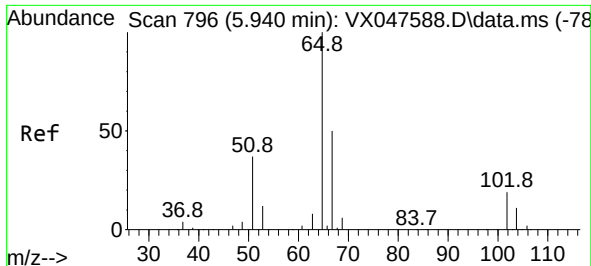
Tgt Ion: 43 Resp: 61512
Ion Ratio Lower Upper
43 100
72 23.8 20.1 30.1



#29
Tetrahydrofuran
Concen: 80.349 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 42 Resp: 56298
Ion Ratio Lower Upper
42 100
72 40.5 34.2 51.2
71 40.0 31.9 47.9

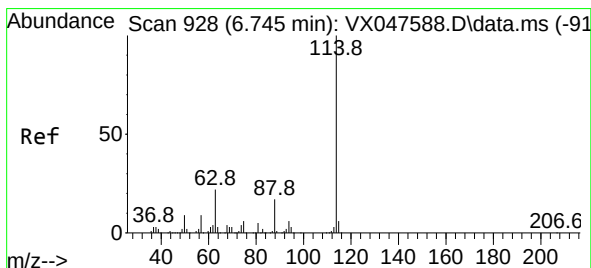
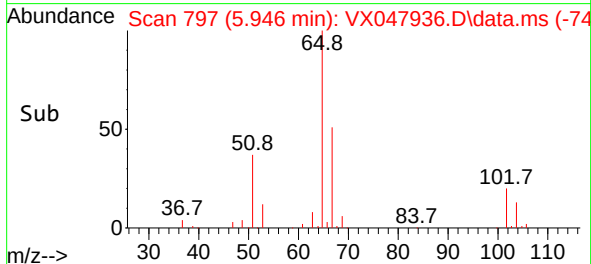
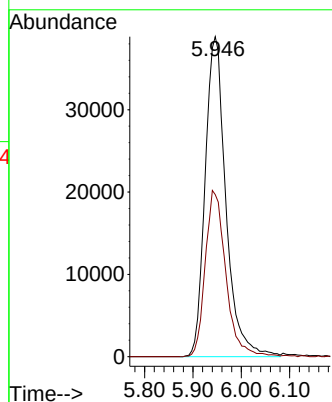
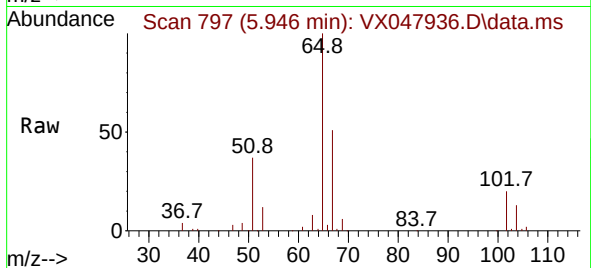




#33
 1,2-Dichloroethane-d4
 Concen: 53.956 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047936.D
 Acq: 01 Oct 2025 13:45

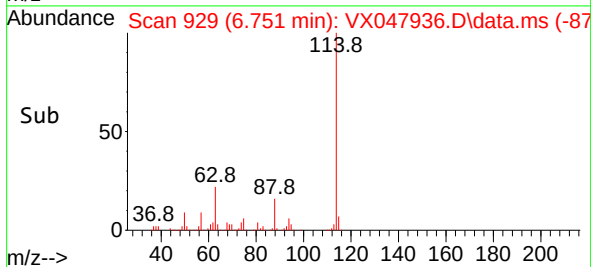
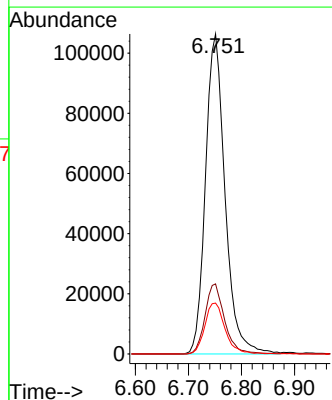
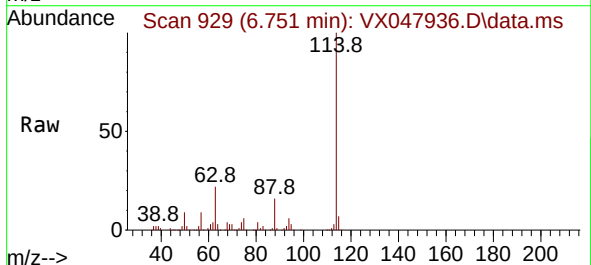
Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20250923

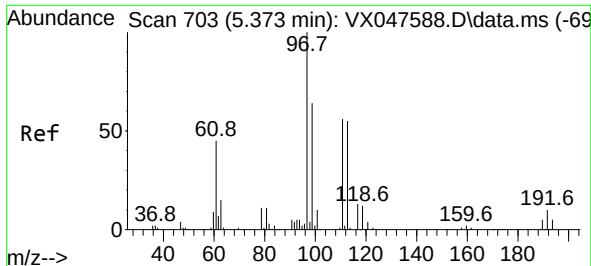
Tgt Ion: 65 Resp: 115870
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047936.D
 Acq: 01 Oct 2025 13:45

Tgt Ion: 114 Resp: 272484
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 15.9 0.0 34.2

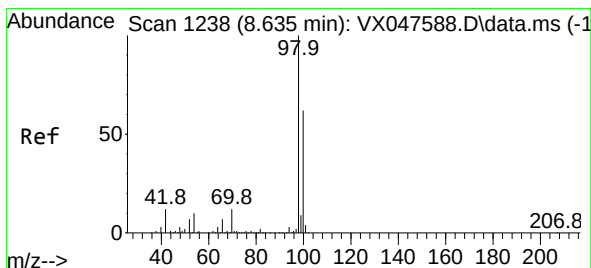
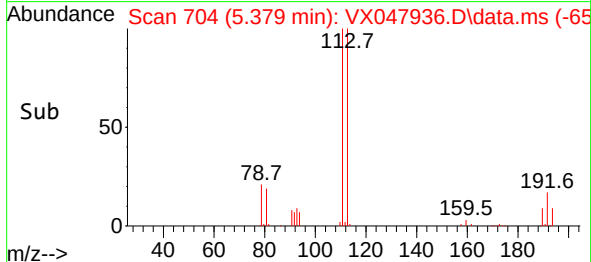
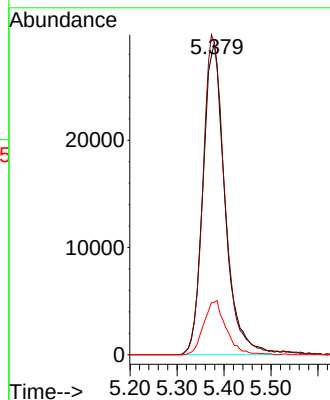
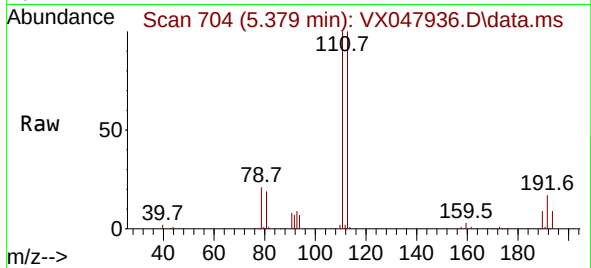




#35
Dibromofluoromethane
Concen: 51.611 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

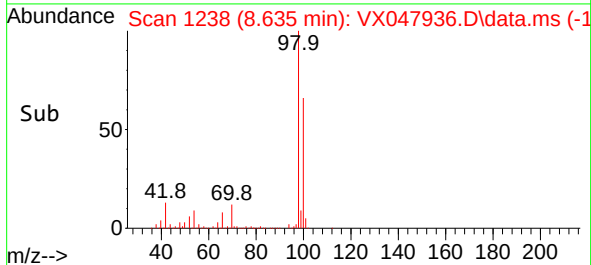
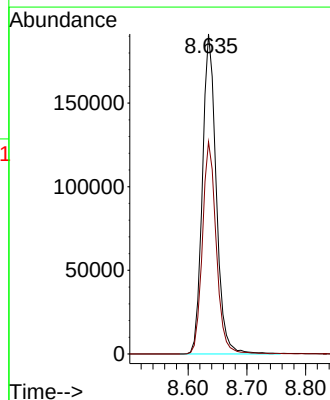
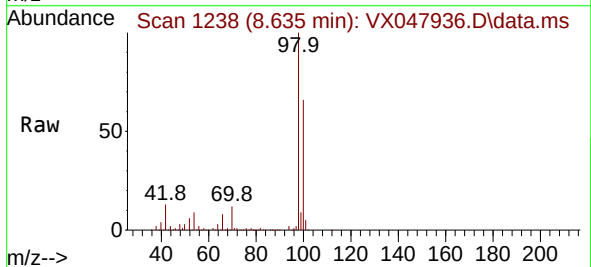
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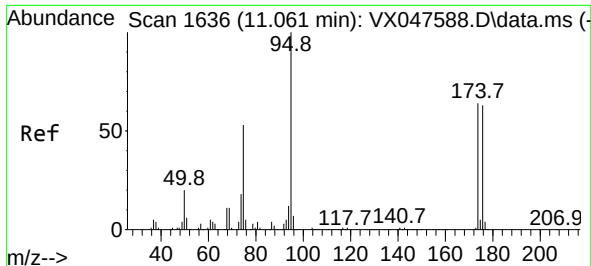
Tgt Ion:113 Resp: 94315
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 17.6 14.2 21.4



#50
Toluene-d8
Concen: 49.503 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 98 Resp: 313021
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

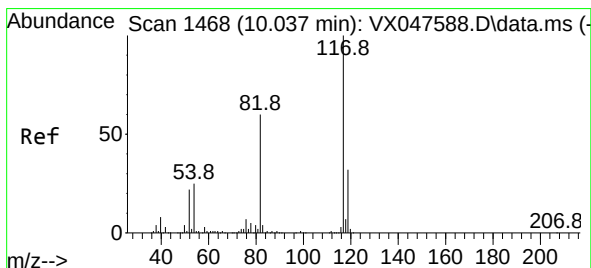
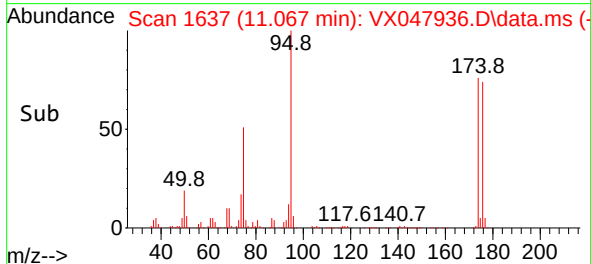
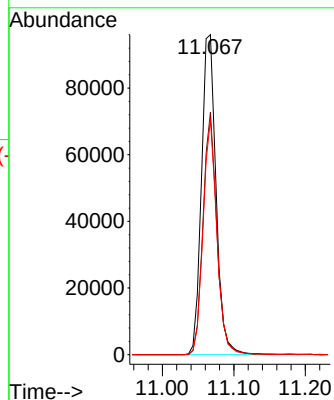
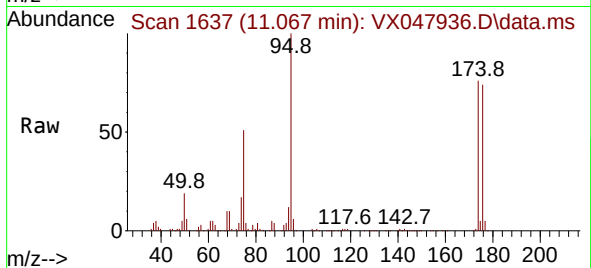




#62
4-Bromofluorobenzene
Concen: 56.718 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

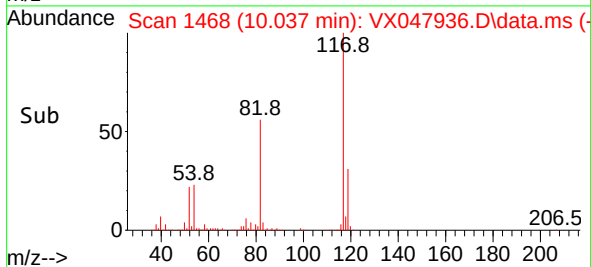
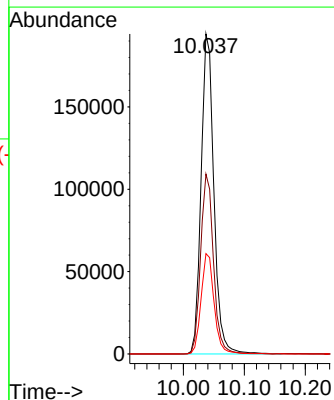
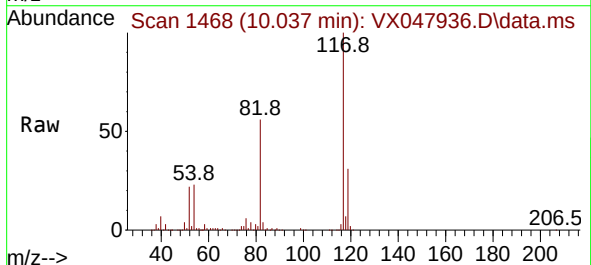
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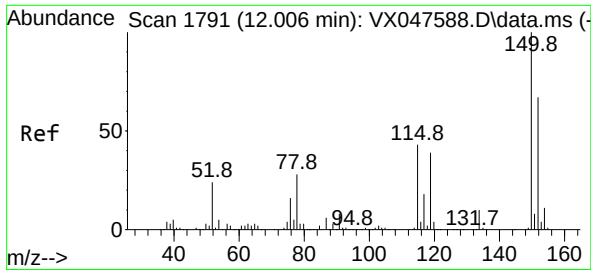
Tgt Ion: 95 Resp: 136111
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047936.D
Acq: 01 Oct 2025 13:45

Tgt Ion: 117 Resp: 283583
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 31.4 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047936.D

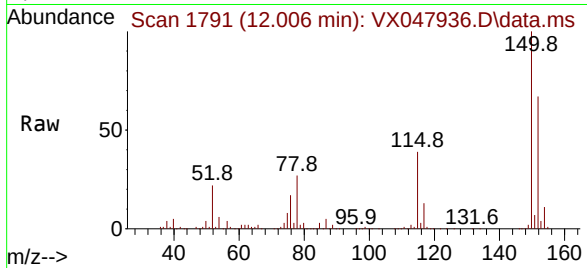
Acq: 01 Oct 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

EB04-20250923



Tgt Ion:152 Resp: 146064

Ion Ratio Lower Upper

152 100

115 61.4 44.9 134.5

150 154.6 0.0 352.0

