

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047761.D
 Acq On : 24 Sep 2025 08:43
 Operator : JC/MD
 Sample : Q3141-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20250918

Quant Time: Sep 24 09:04:28 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)

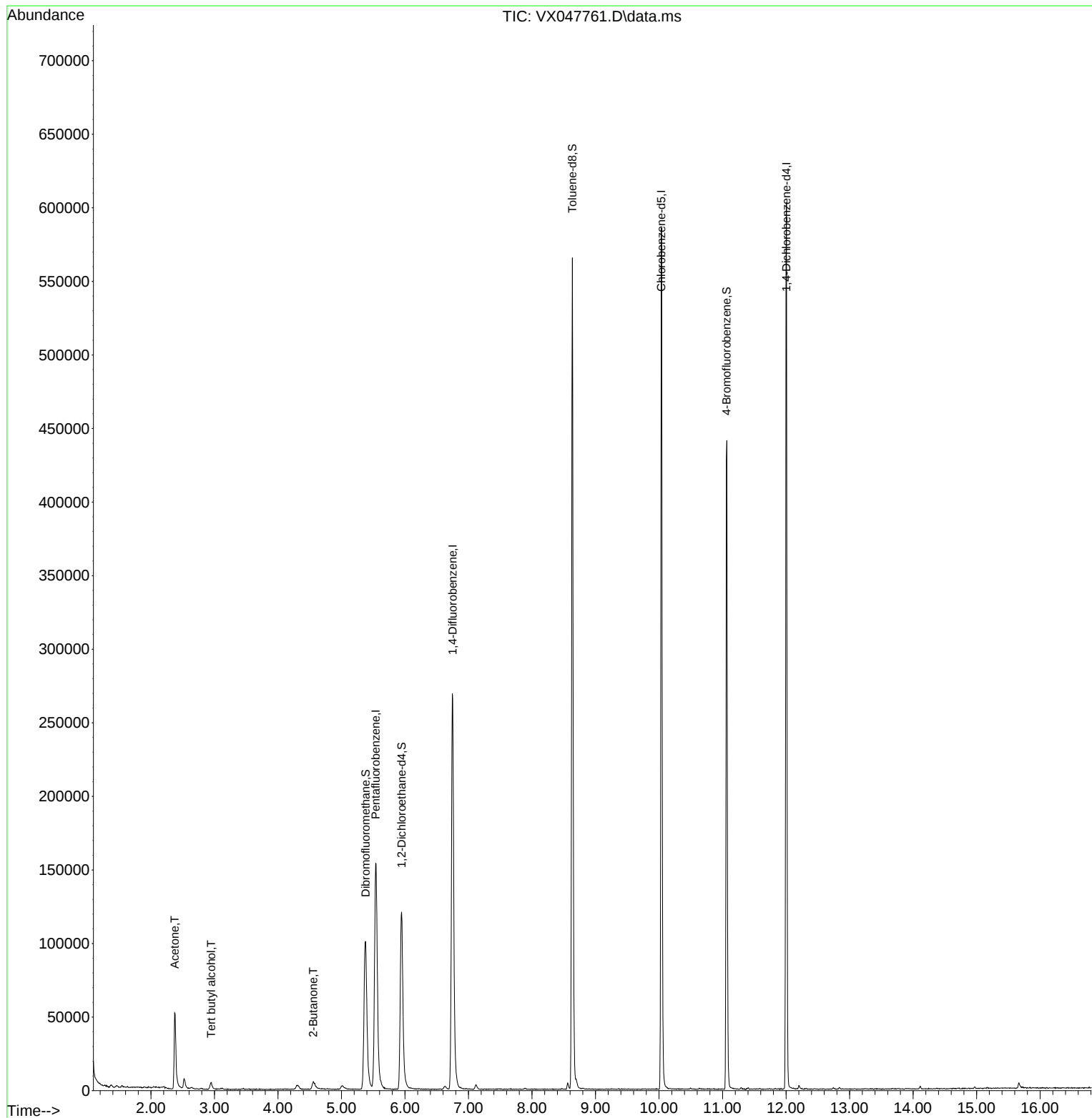
Internal Standards						
1) Pentafluorobenzene	5.538	168	157285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	293648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	132556	52.947	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.900%			
35) Dibromofluoromethane	5.379	113	100689	51.128	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.260%			
50) Toluene-d8	8.635	98	337096	49.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.061	95	131474	50.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.680%			
Target Compounds						
11) Tert butyl alcohol	2.947	59	5373	19.270	ug/l	99
16) Acetone	2.374	43	70220	64.507	ug/l	94
25) 2-Butanone	4.556	43	10584	7.795	ug/l	93

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

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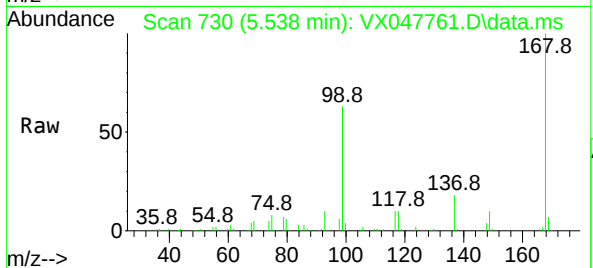
Quant Time: Sep 24 09:04:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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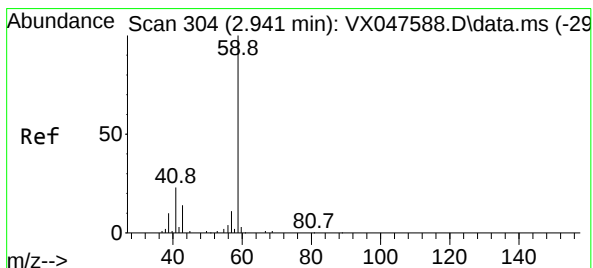
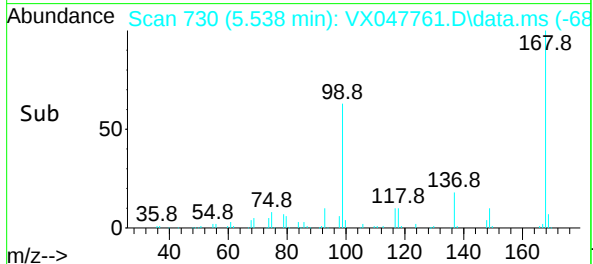
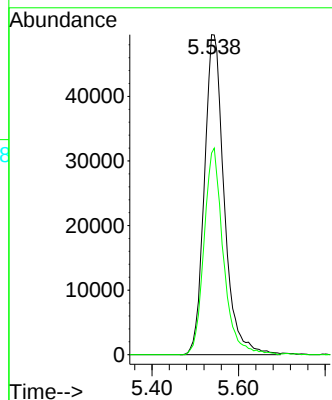


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20250918

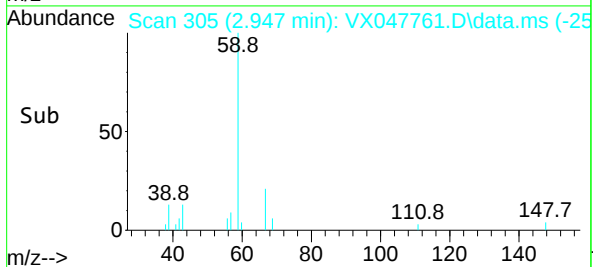
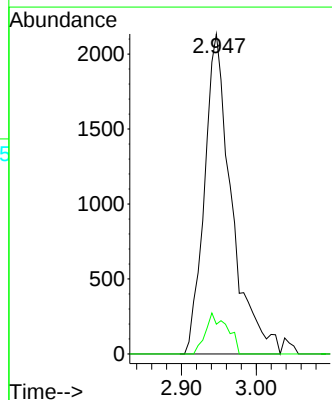
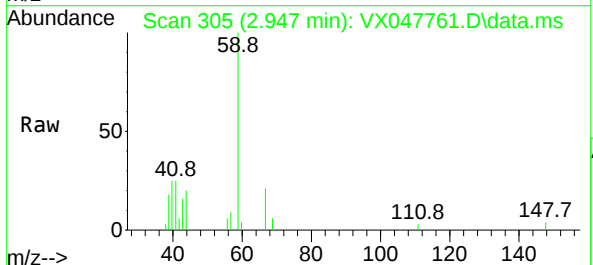


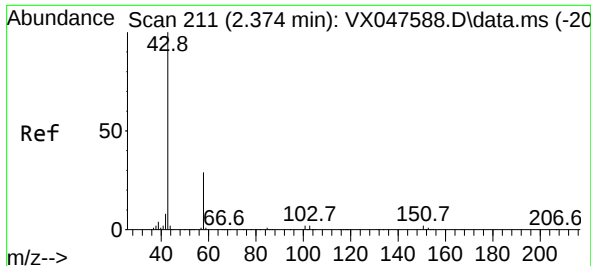
Tgt Ion:168 Resp: 157285
Ion Ratio Lower Upper
168 100
99 63.0 48.8 73.2



#11
Tert butyl alcohol
Concen: 19.270 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

Tgt Ion: 59 Resp: 5373
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

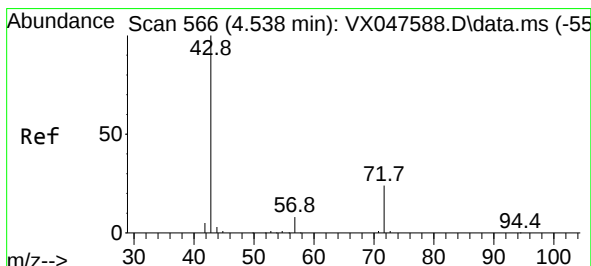
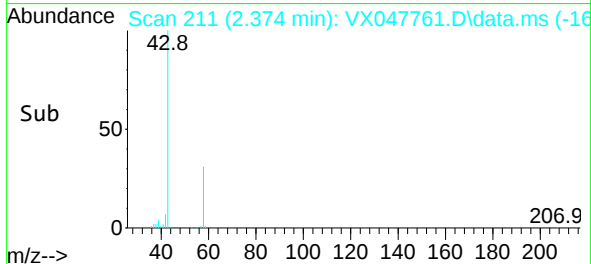
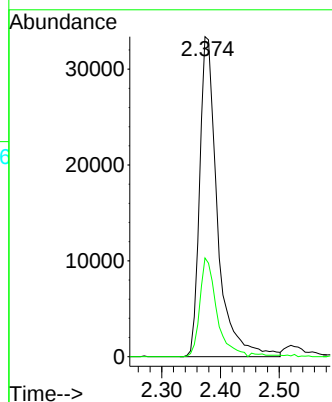
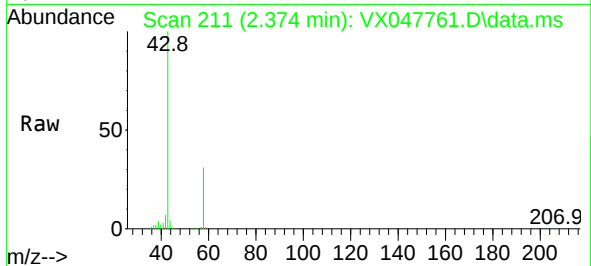




#16
Acetone
Concen: 64.507 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

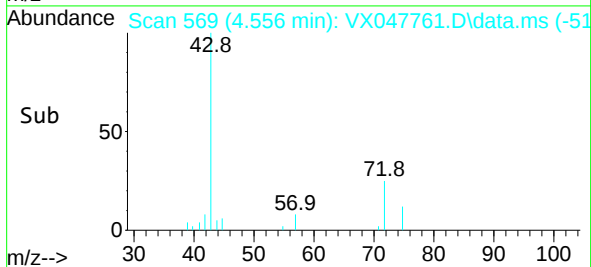
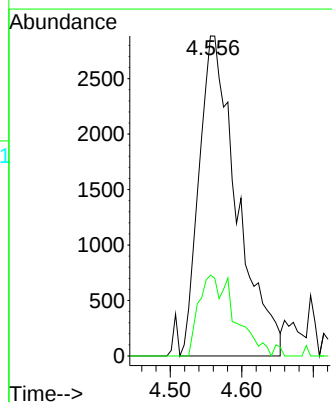
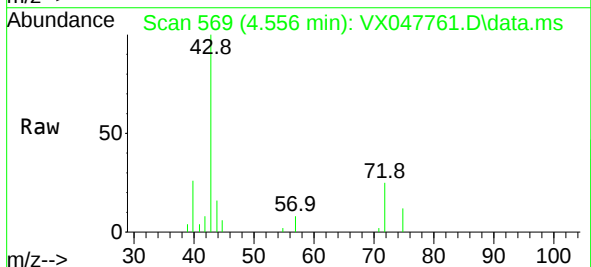
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20250918

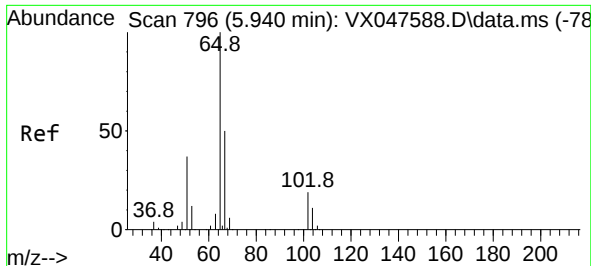
Tgt Ion: 43 Resp: 70220
Ion Ratio Lower Upper
43 100
58 32.3 23.4 35.0



#25
2-Butanone
Concen: 7.795 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

Tgt Ion: 43 Resp: 10584
Ion Ratio Lower Upper
43 100
72 28.8 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 52.947 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047761.D

Acq: 24 Sep 2025 08:43

Instrument :

MSVOA_X

ClientSampleId :

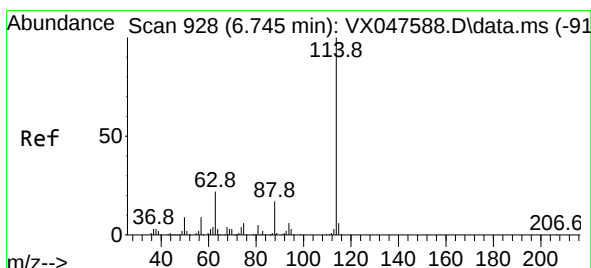
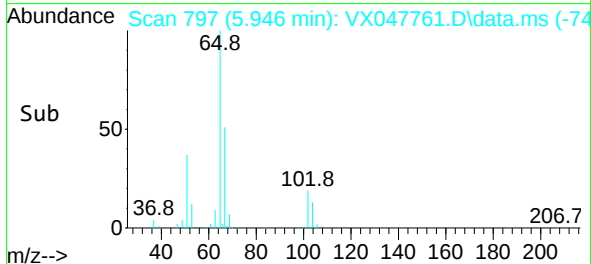
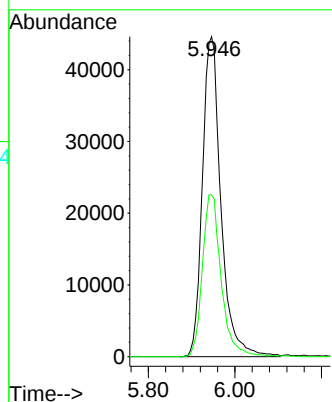
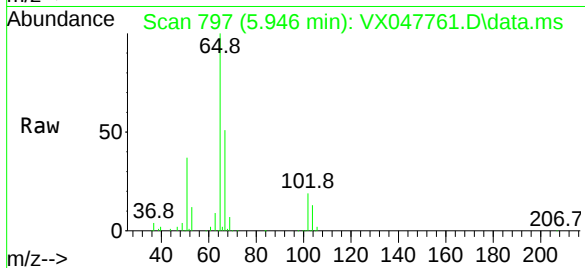
BP-VPB-184-EB-20250918

Tgt Ion: 65 Resp: 132556

Ion Ratio Lower Upper

65 100

67 51.2 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: VX047761.D

Acq: 24 Sep 2025 08:43

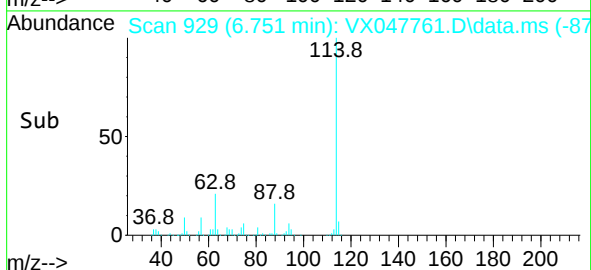
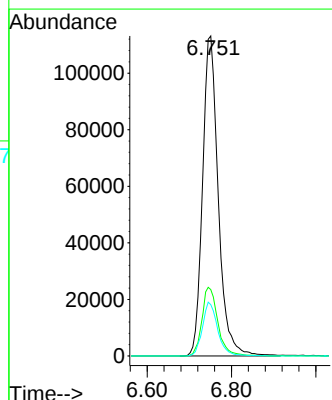
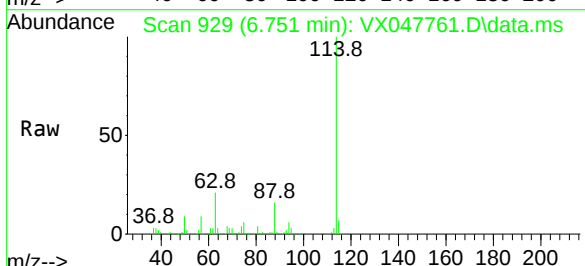
Tgt Ion: 114 Resp: 293648

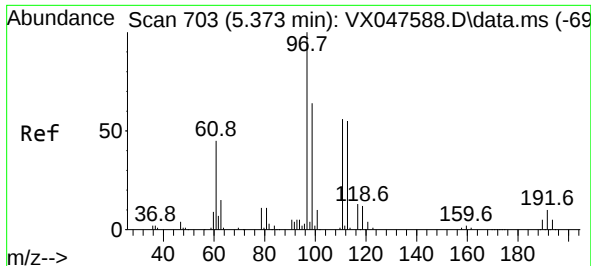
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 16.0 0.0 34.2

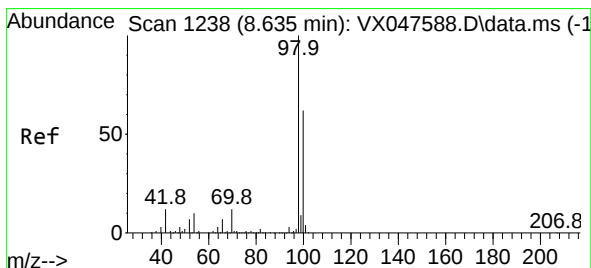
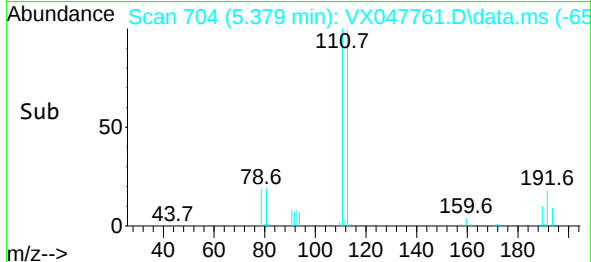
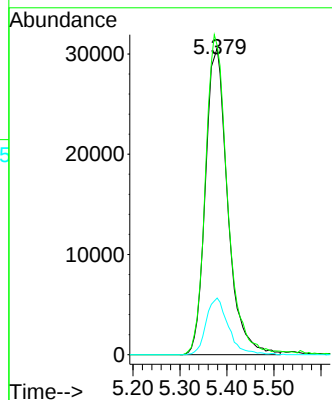
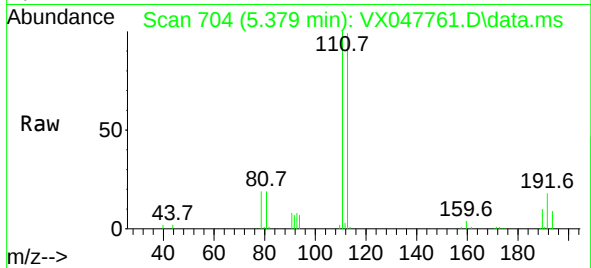




#35
Dibromofluoromethane
Concen: 51.128 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

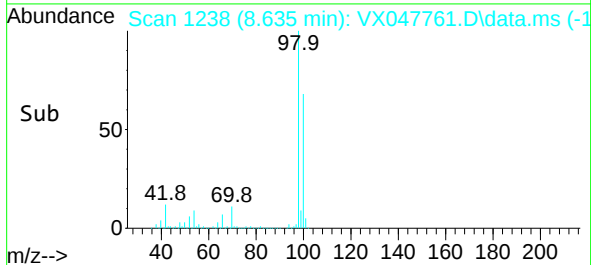
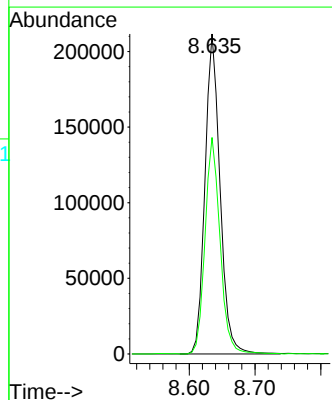
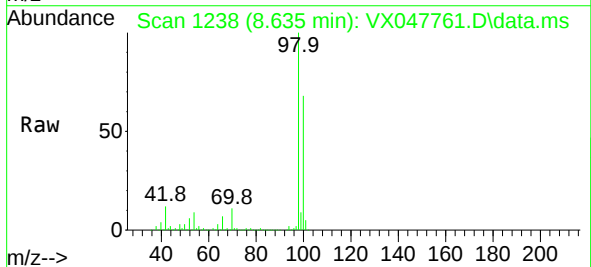
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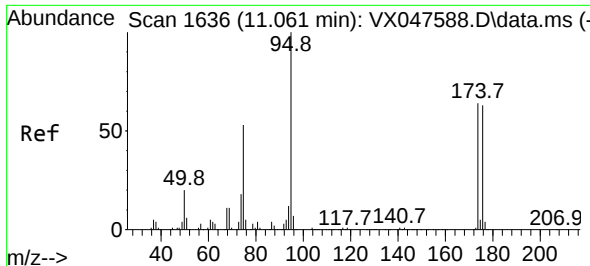
Tgt Ion:113 Resp: 100689
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.4 14.2 21.4



#50
Toluene-d8
Concen: 49.468 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

Tgt Ion: 98 Resp: 337096
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4

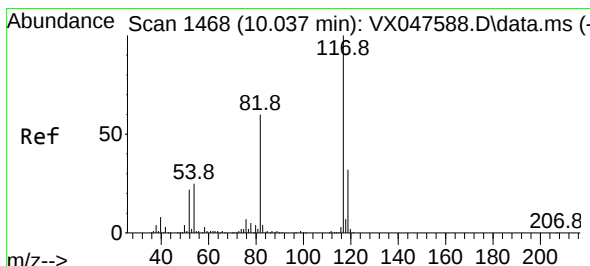
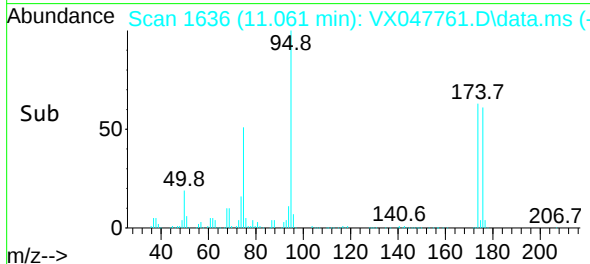
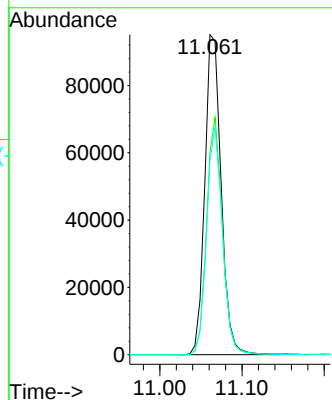
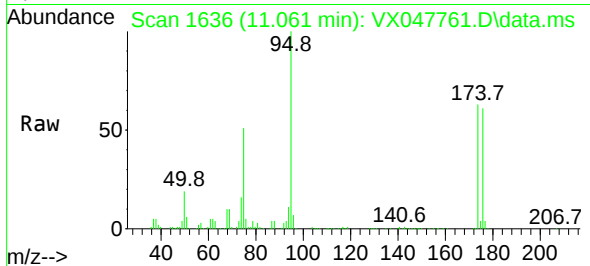




#62
4-Bromofluorobenzene
Concen: 50.837 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

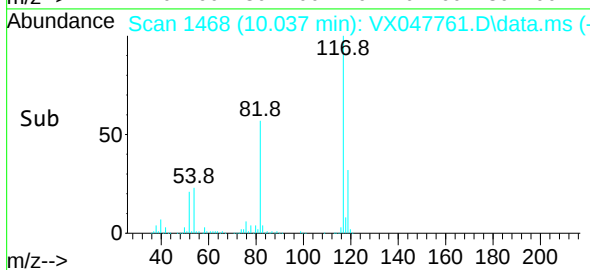
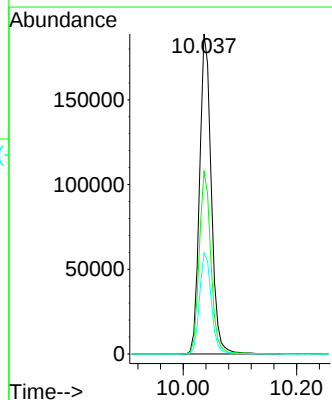
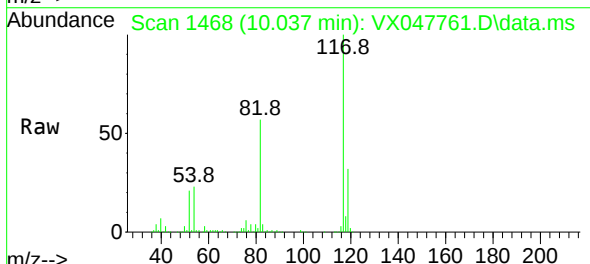
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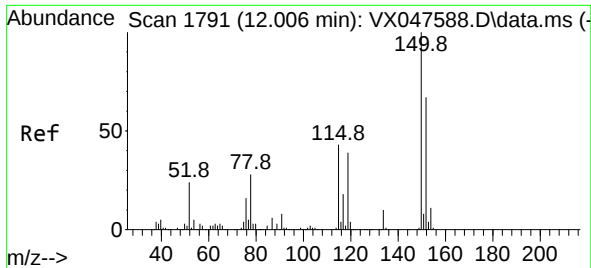
Tgt Ion: 95 Resp: 131474
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 68.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047761.D
Acq: 24 Sep 2025 08:43

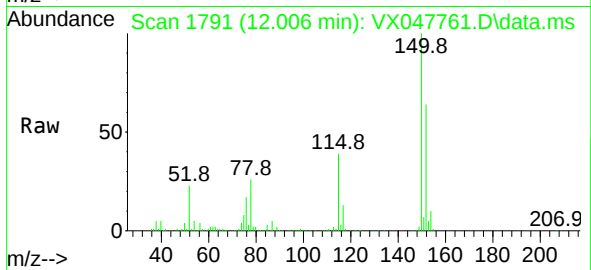
Tgt Ion: 117 Resp: 269079
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 31.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047761.D
 Acq: 24 Sep 2025 08:43

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-EB-20250918



Tgt Ion:152 Resp: 126784
 Ion Ratio Lower Upper
 152 100
 115 61.7 44.9 134.5
 150 156.7 0.0 352.0

