

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047999.D
 Acq On : 03 Oct 2025 16:57
 Operator : JC/MD
 Sample : Q3248-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-600-602

Quant Time: Oct 03 23:52:21 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)

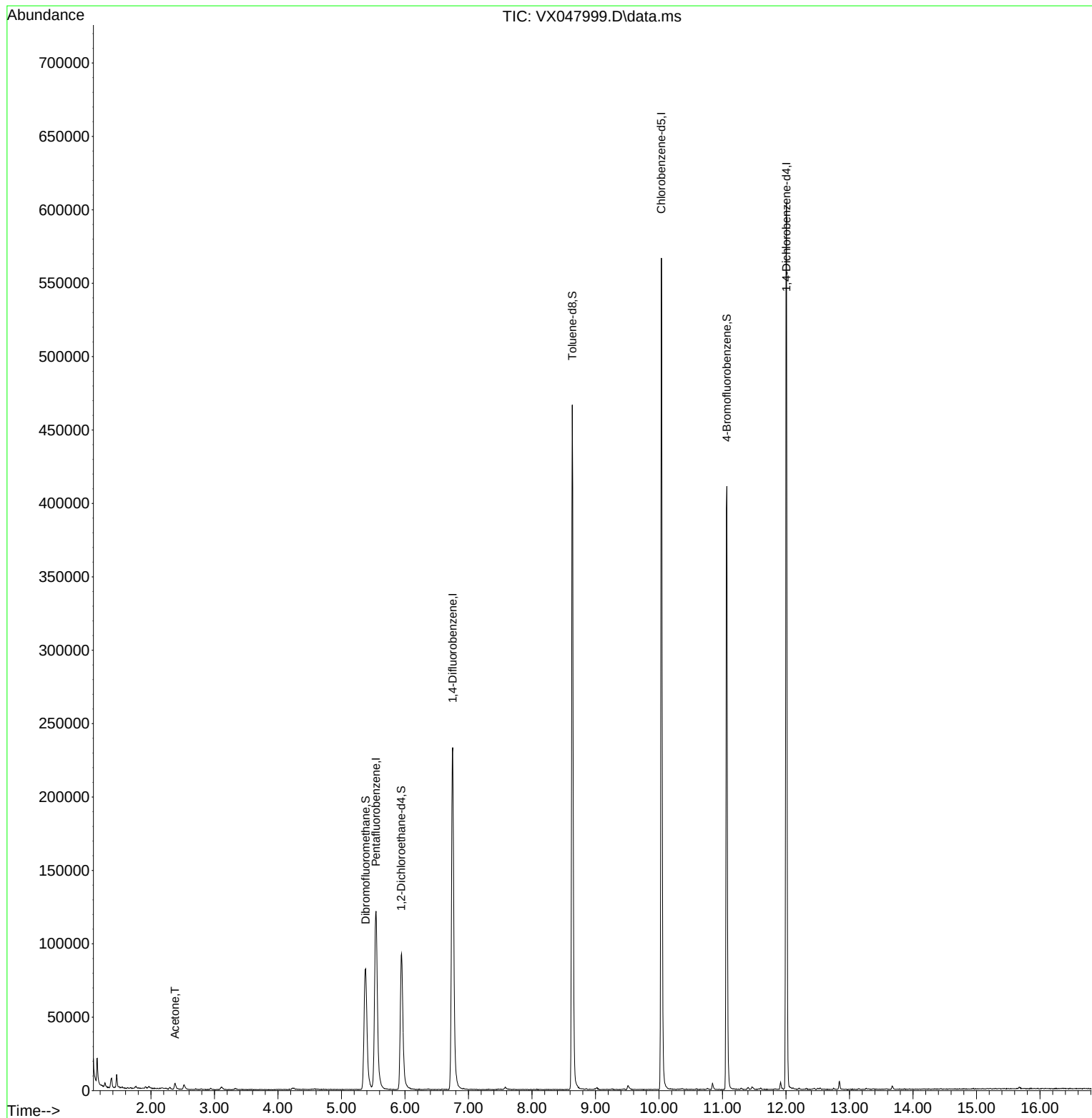
Internal Standards						
1) Pentafluorobenzene	5.544	168	121622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	253461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102599	52.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.000%
35) Dibromofluoromethane	5.379	113	83583	49.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.635	98	286364	48.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.067	95	120162	53.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.660%
Target Compounds						
16) Acetone	2.380	43	5933	7.048	ug/l	Qvalue # 89

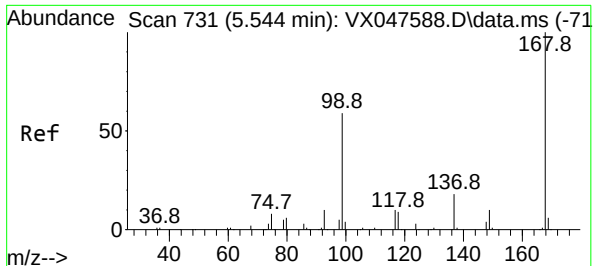
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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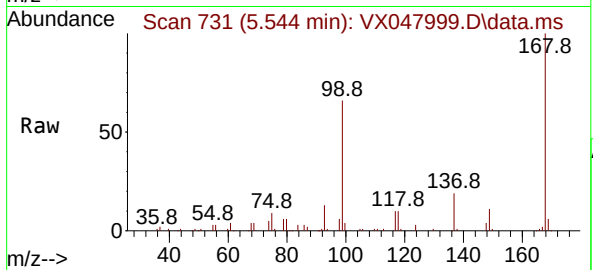
Quant Time: Oct 03 23:52:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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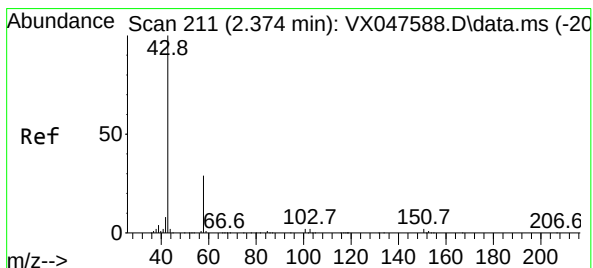
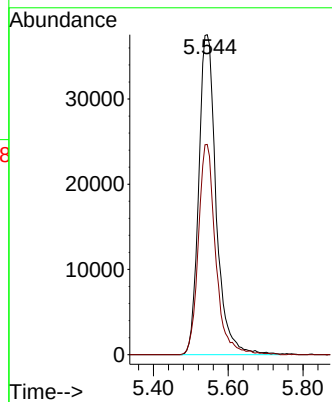
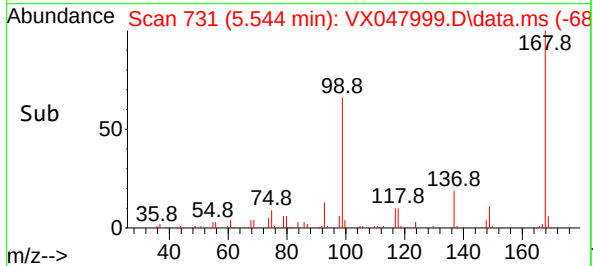


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047999.D
Acq: 03 Oct 2025 16:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-600-602

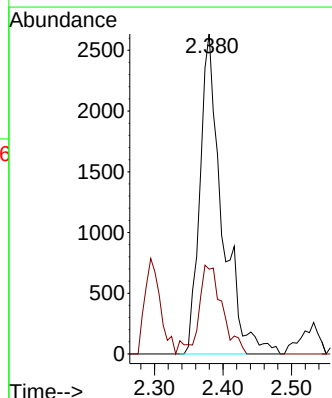
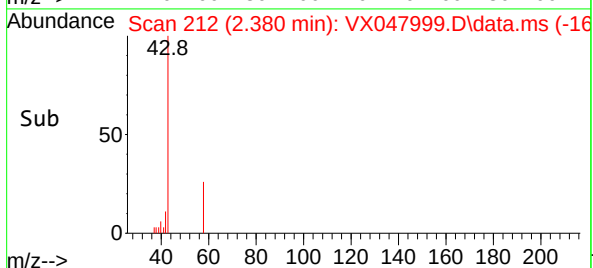
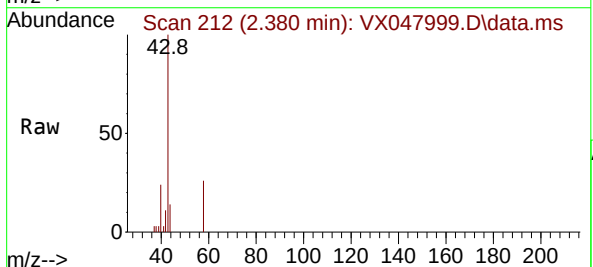


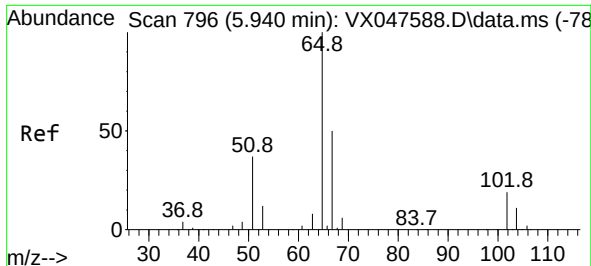
Tgt Ion:168 Resp: 121622
Ion Ratio Lower Upper
168 100
99 65.7 48.8 73.2



#16
Acetone
Concen: 7.048 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047999.D
Acq: 03 Oct 2025 16:57

Tgt Ion: 43 Resp: 5933
Ion Ratio Lower Upper
43 100
58 23.2 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 52.998 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047999.D

Acq: 03 Oct 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

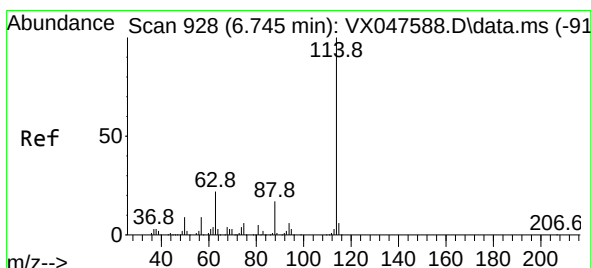
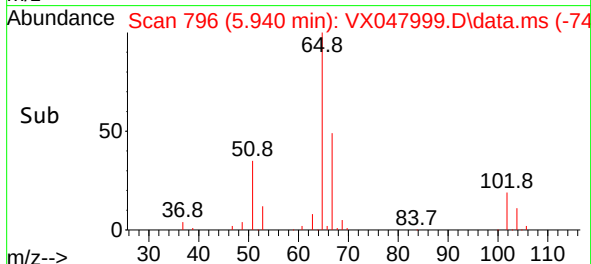
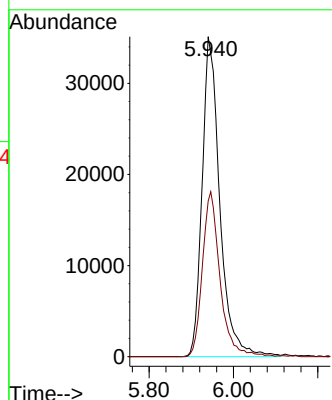
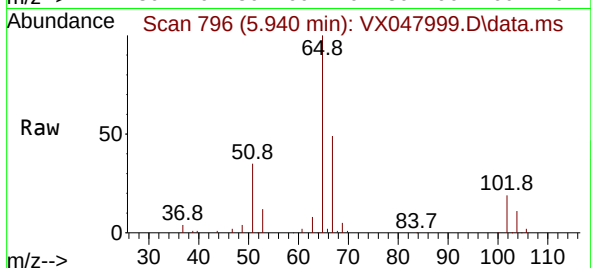
BP-VPB-184-GW-600-602

Tgt Ion: 65 Resp: 102599

Ion Ratio Lower Upper

65 100

67 51.4 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: VX047999.D

Acq: 03 Oct 2025 16:57

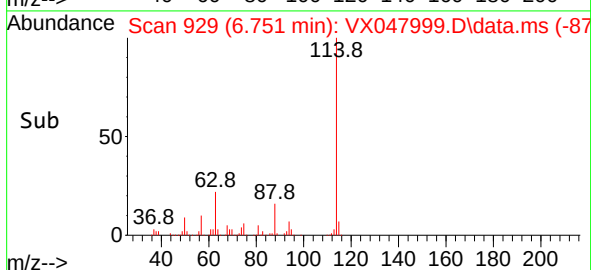
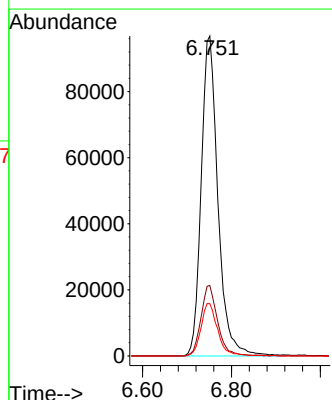
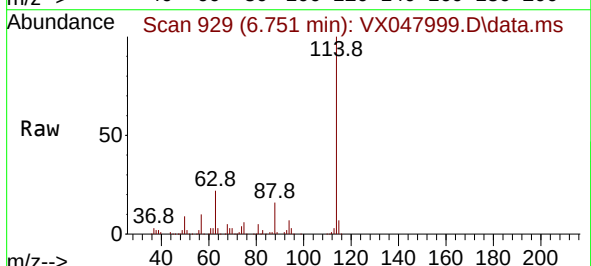
Tgt Ion: 114 Resp: 253461

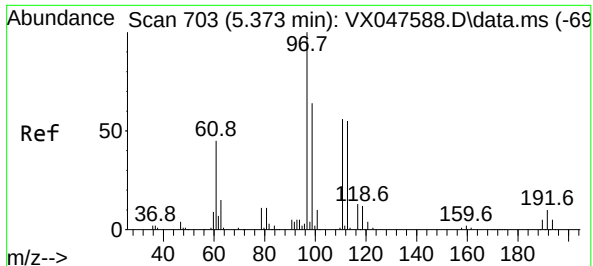
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.171 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047999.D

Acq: 03 Oct 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-600-602

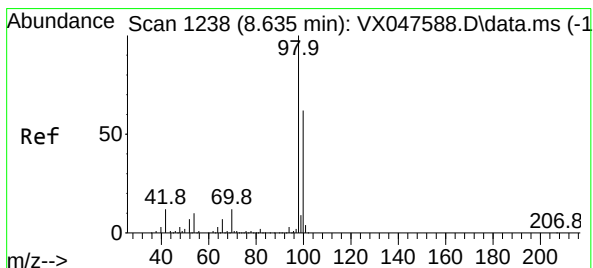
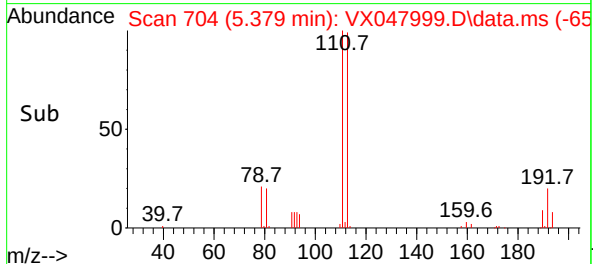
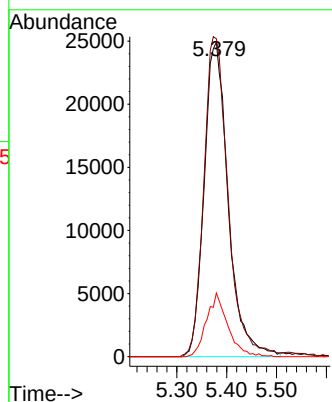
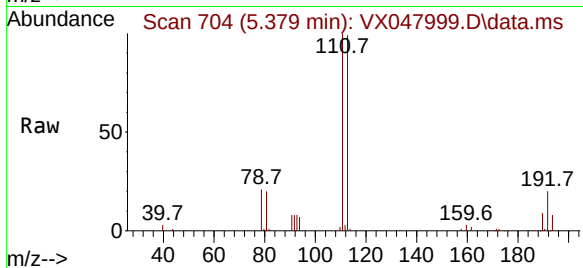
Tgt Ion:113 Resp: 83583

Ion Ratio Lower Upper

113 100

111 102.2 80.9 121.3

192 18.0 14.2 21.4



#50

Toluene-d8

Concen: 48.686 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX047999.D

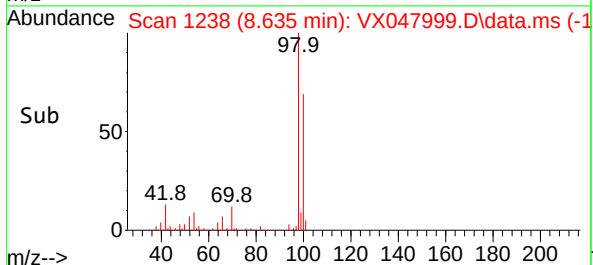
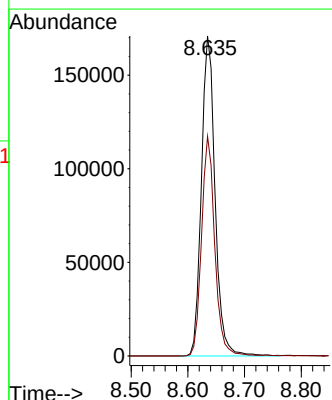
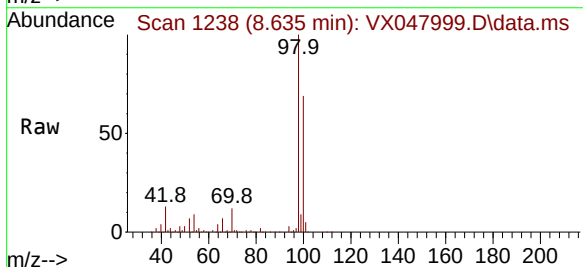
Acq: 03 Oct 2025 16:57

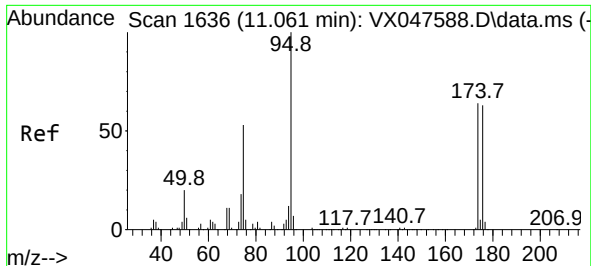
Tgt Ion: 98 Resp: 286364

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4

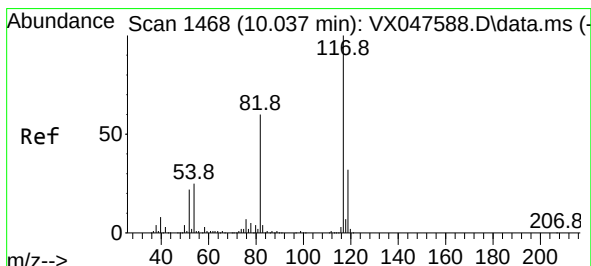
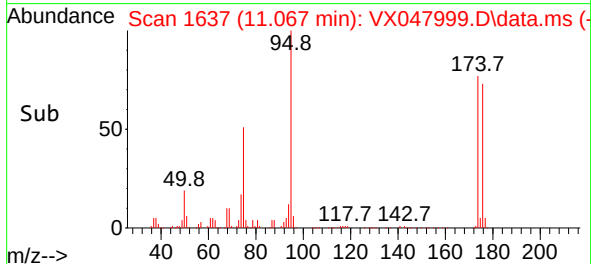
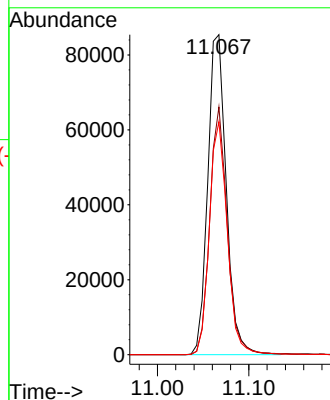
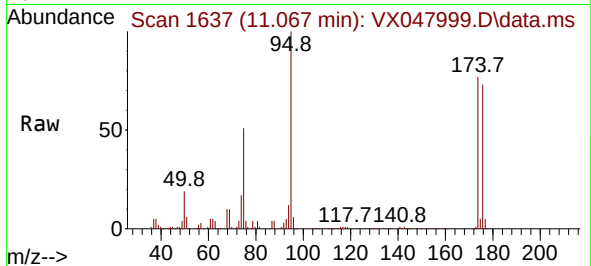




#62
4-Bromofluorobenzene
Concen: 53.830 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047999.D
Acq: 03 Oct 2025 16:57

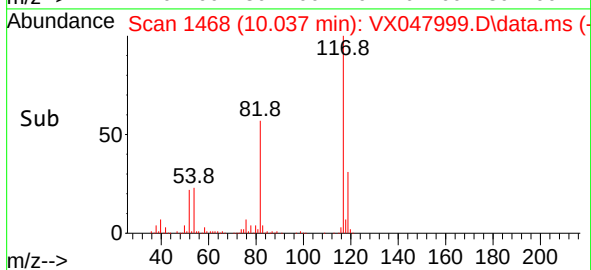
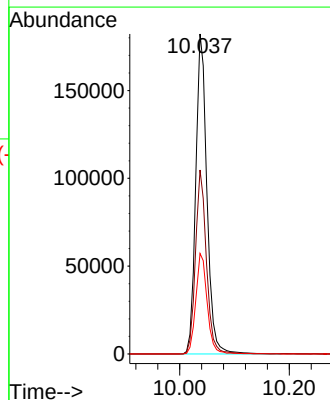
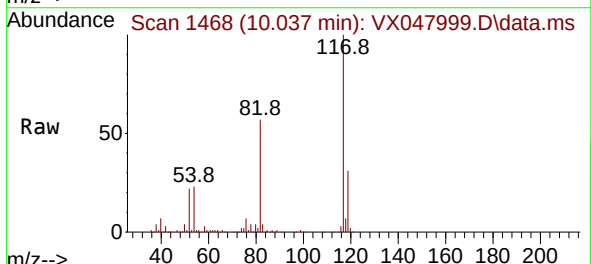
Instrument :
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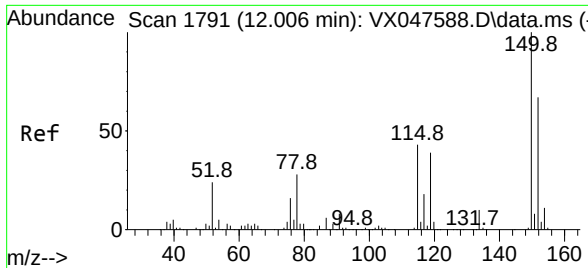
Tgt Ion: 95 Resp: 120162
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 70.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047999.D
Acq: 03 Oct 2025 16:57

Tgt Ion: 117 Resp: 259302
Ion Ratio Lower Upper
117 100
82 57.5 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: VX047999.D
 Acq: 03 Oct 2025 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-600-602

Tgt Ion:152 Resp: 127779

Ion	Ratio	Lower	Upper
152	100		
115	62.5	44.9	134.5
150	160.7	0.0	352.0

