

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047963.D
 Acq On : 02 Oct 2025 13:27
 Operator : JC/MD
 Sample : Q3246-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-520-522

Quant Time: Oct 03 03:30:05 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)

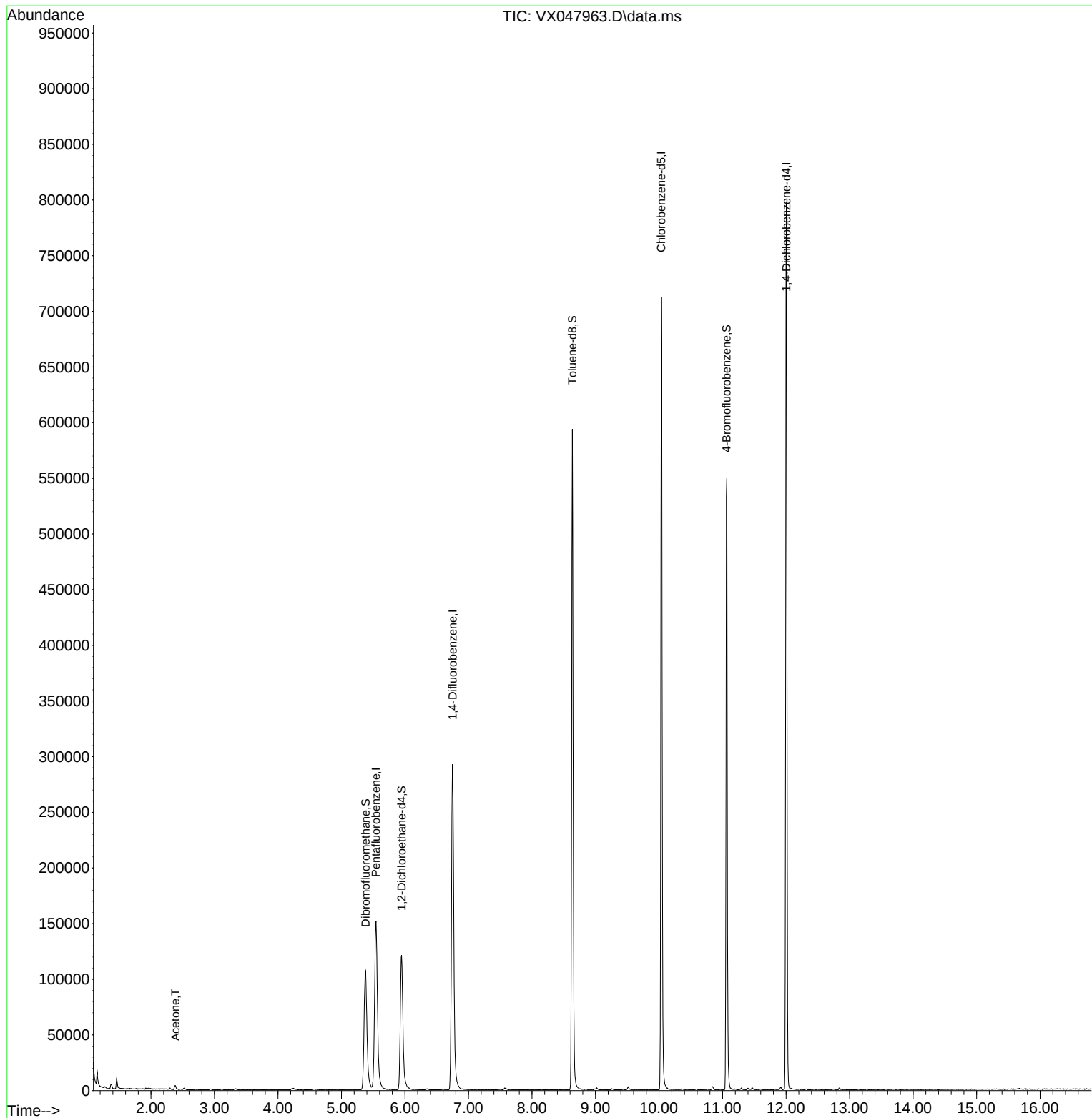
Internal Standards						
1) Pentafluorobenzene	5.543	168	151967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	317249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	332386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	167184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130160	53.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.620%
35) Dibromofluoromethane	5.379	113	105359	49.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.634	98	358525	48.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.061	95	157385	56.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.660%
Target Compounds						
16) Acetone	2.385	43	5114	4.862	ug/l	Qvalue # 81

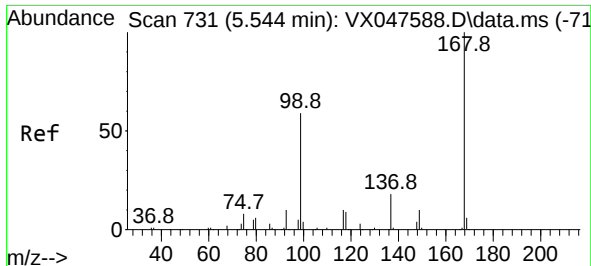
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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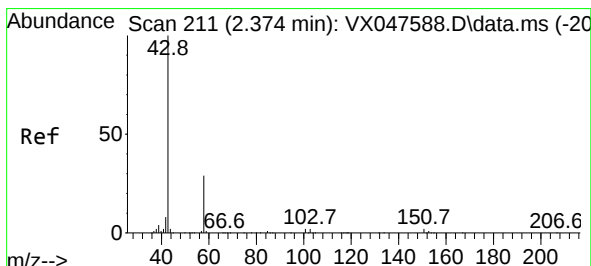
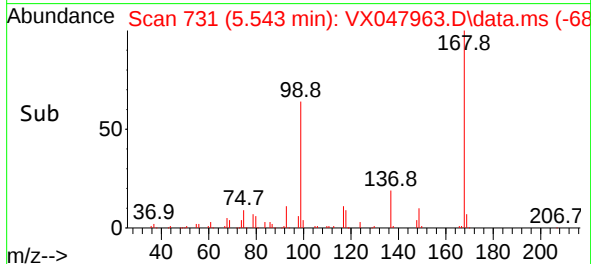
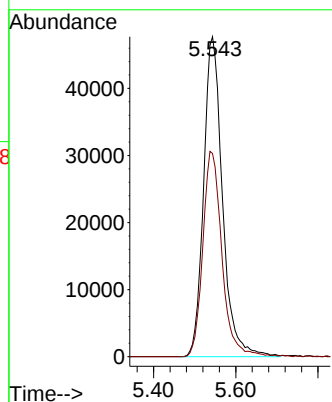
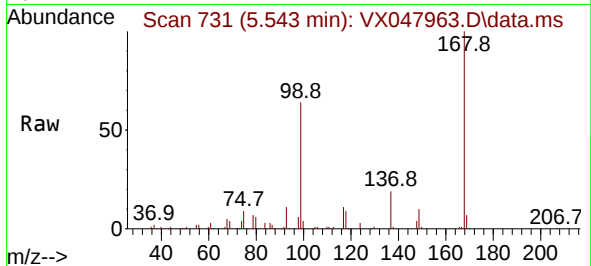




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

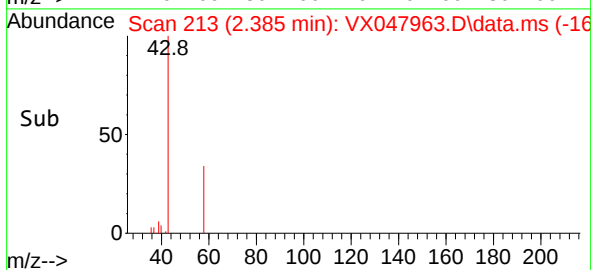
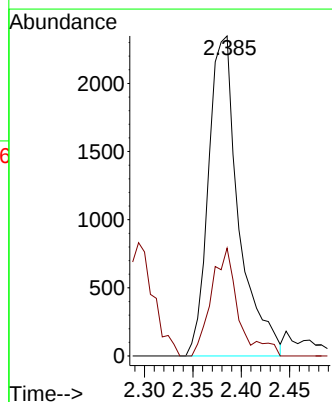
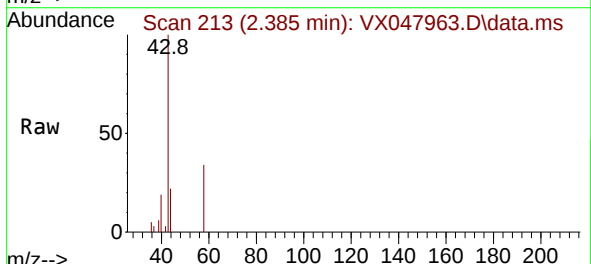
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-520-522

Tgt Ion:168 Resp: 151967
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#16
Acetone
Concen: 4.862 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

Tgt Ion: 43 Resp: 5114
Ion Ratio Lower Upper
43 100
58 39.4 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 53.809 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047963.D

Acq: 02 Oct 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

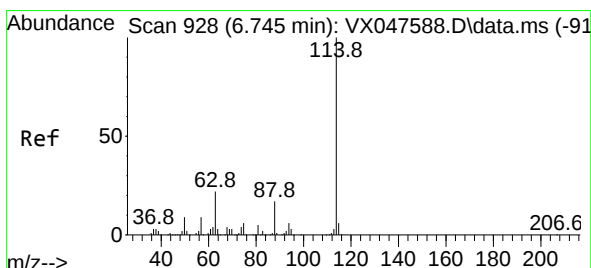
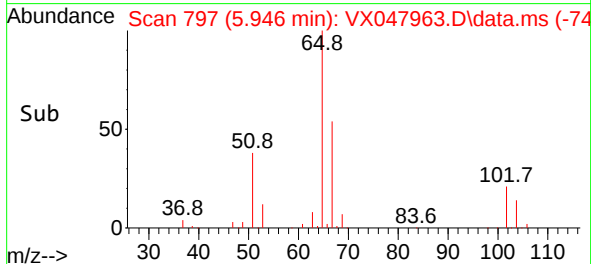
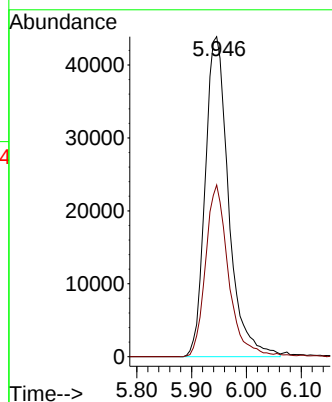
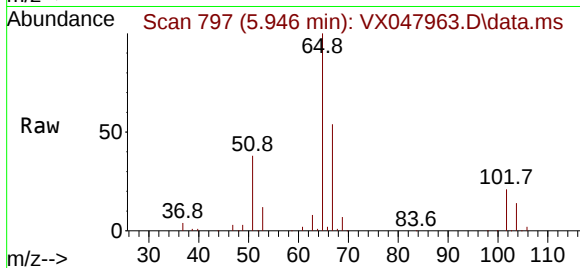
BP-VPB-184-GW-520-522

Tgt Ion: 65 Resp: 130160

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047963.D

Acq: 02 Oct 2025 13:27

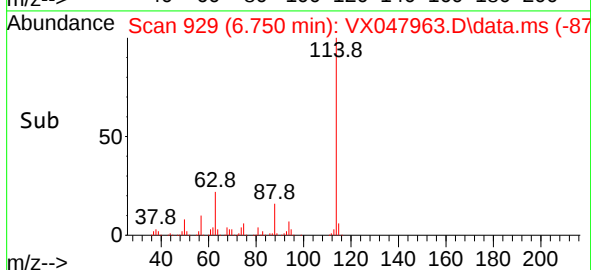
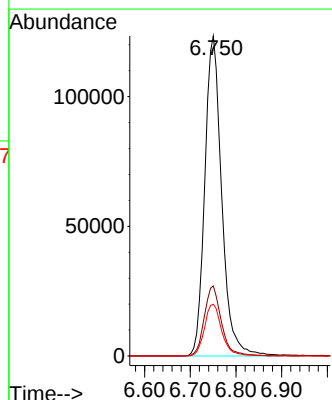
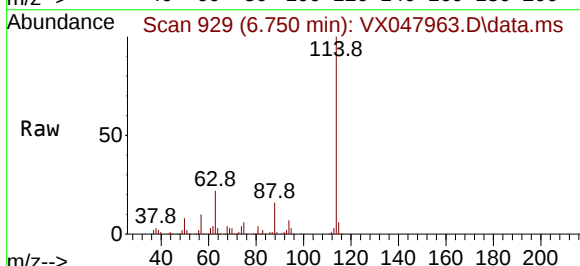
Tgt Ion: 114 Resp: 317249

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047963.D

Acq: 02 Oct 2025 13:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-520-522

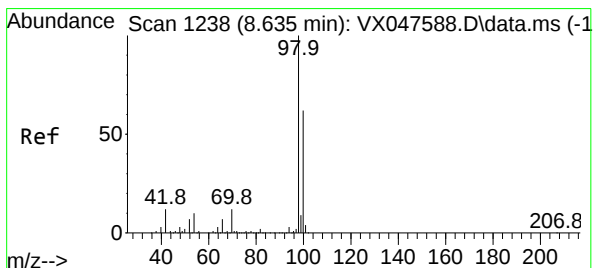
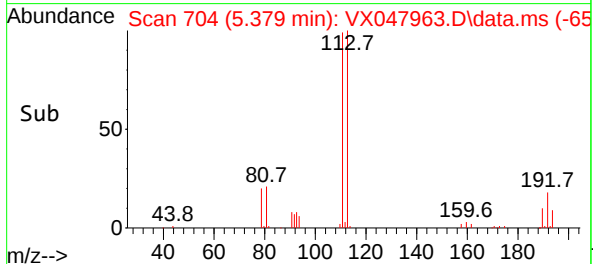
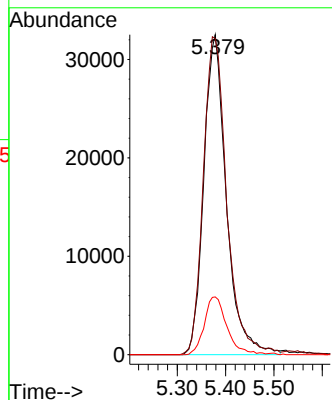
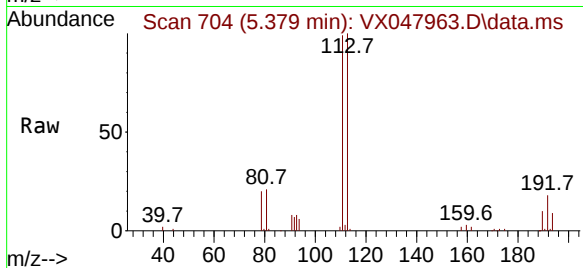
Tgt Ion:113 Resp: 105359

Ion Ratio Lower Upper

113 100

111 103.3 80.9 121.3

192 18.1 14.2 21.4



#50

Toluene-d8

Concen: 48.699 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.001 min

Lab File: VX047963.D

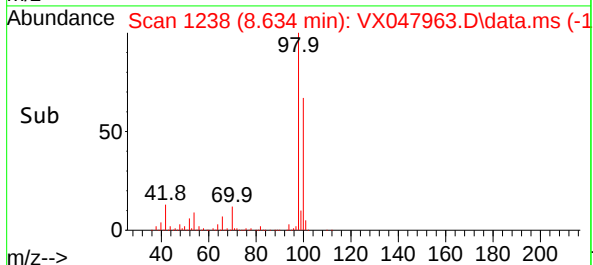
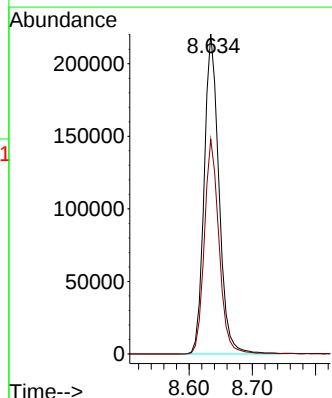
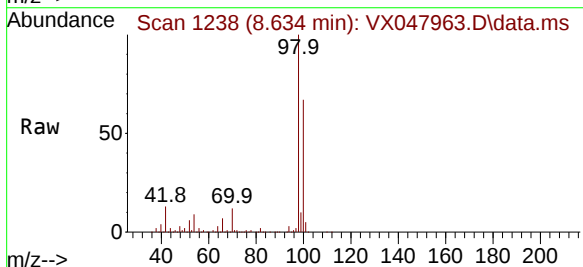
Acq: 02 Oct 2025 13:27

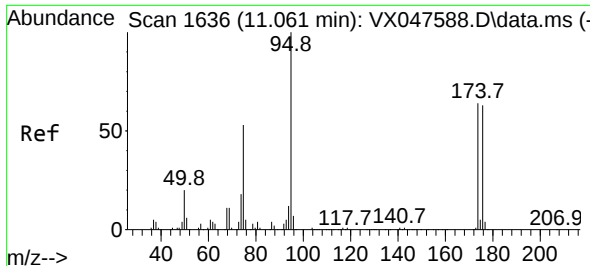
Tgt Ion: 98 Resp: 358525

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4

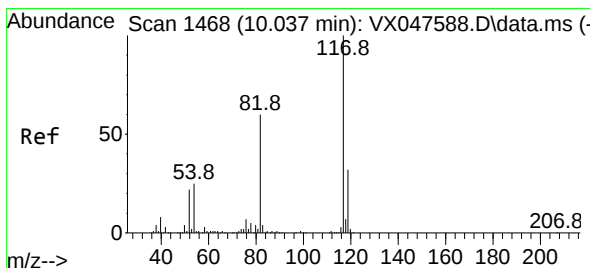
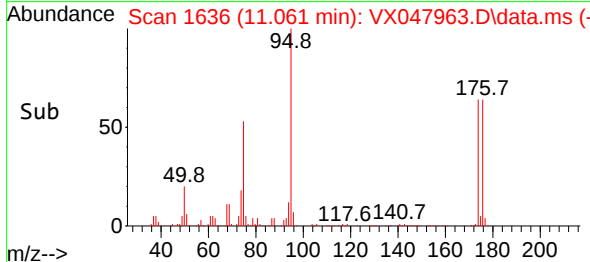
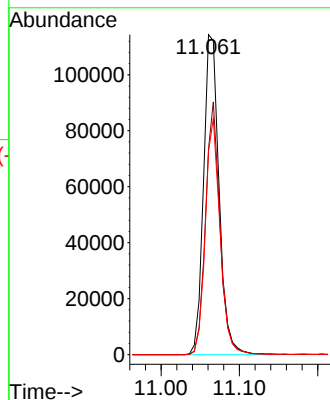
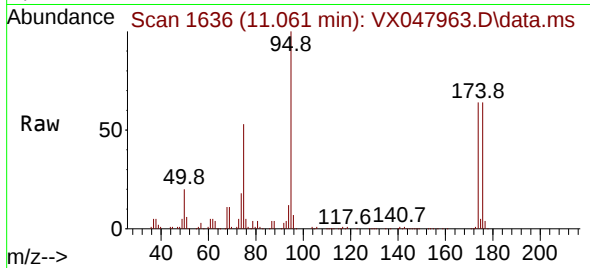




#62
4-Bromofluorobenzene
Concen: 56.329 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

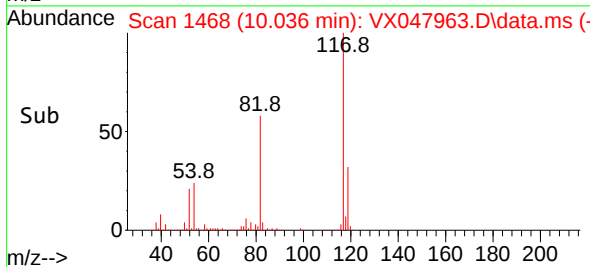
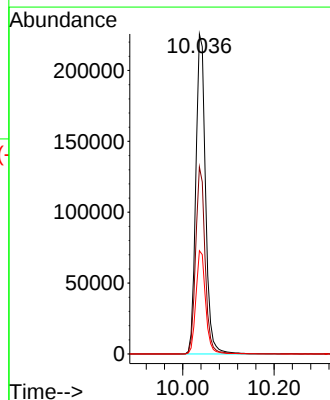
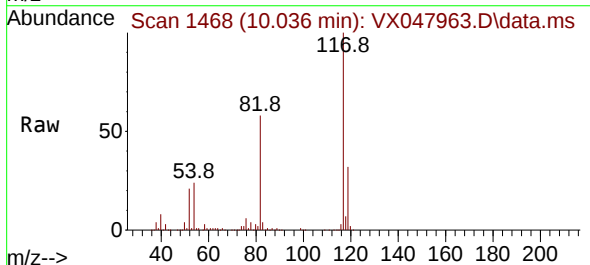
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Tgt Ion: 95 Resp: 157385
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 70.0 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VX047963.D
Acq: 02 Oct 2025 13:27

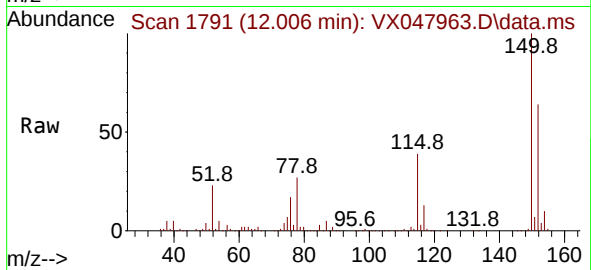
Tgt Ion: 117 Resp: 332386
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VX047963.D
 Acq: 02 Oct 2025 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-520-522



Tgt Ion:152 Resp: 167184
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.9 134.5
 150 158.9 0.0 352.0

