

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048120.D
 Acq On : 10 Oct 2025 17:57
 Operator : JC/MD
 Sample : Q3311-12 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-214D

Quant Time: Oct 10 23:53:18 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)

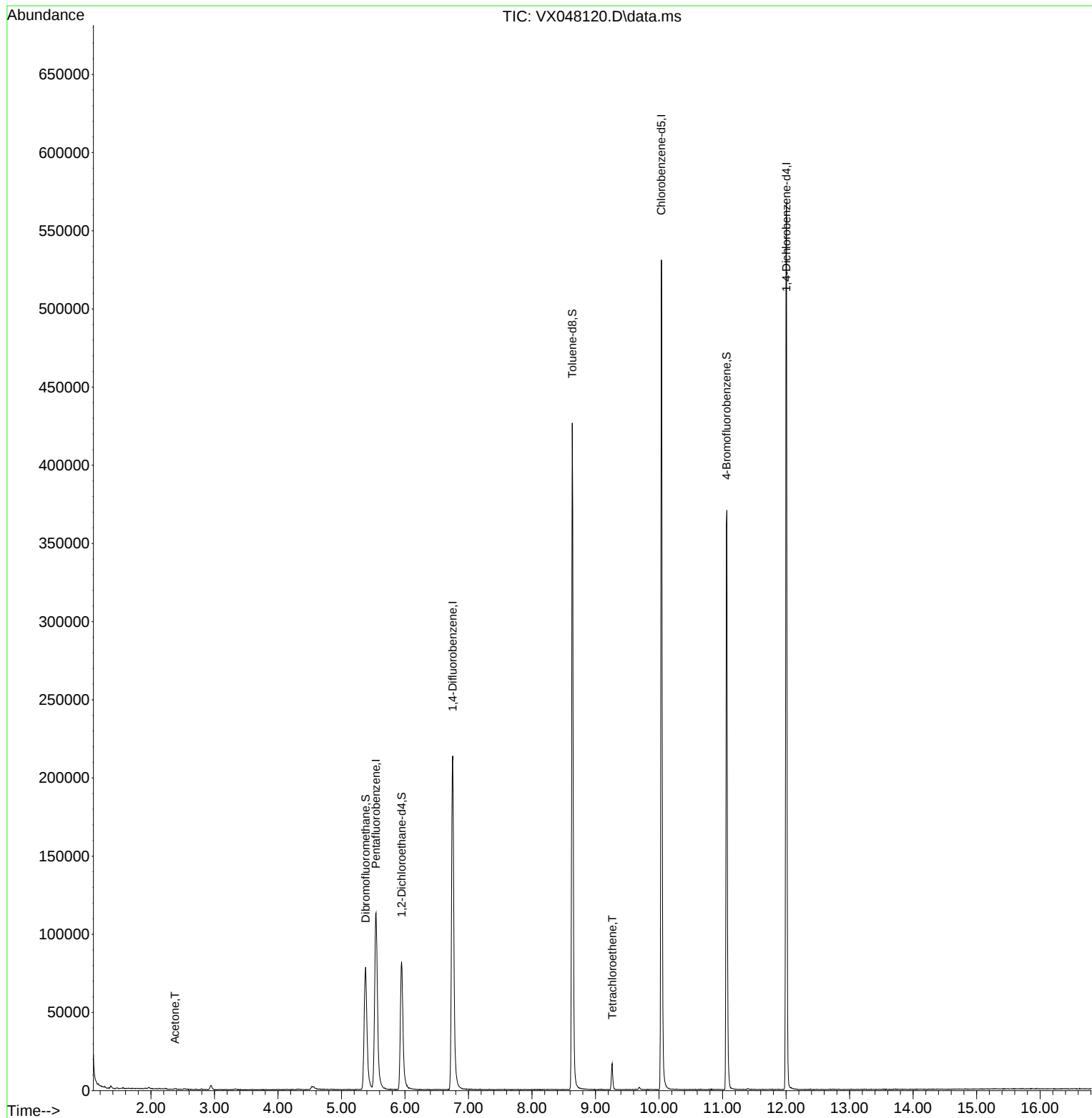
Internal Standards						
1) Pentafluorobenzene	5.544	168	113288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	232134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90053	49.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.379	113	74875	48.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.635	98	259052	48.089	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.061	95	109063	53.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.700%
Target Compounds						
16) Acetone	2.380	43	884	1.127	ug/l #	87
64) Tetrachloroethene	9.263	164	3117	1.981	ug/l	93

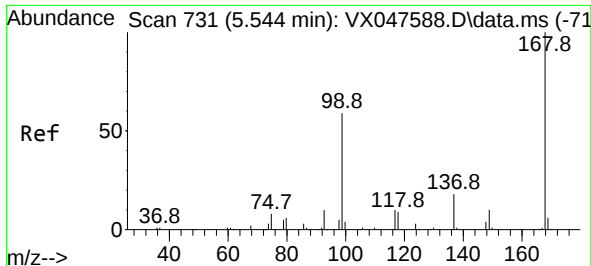
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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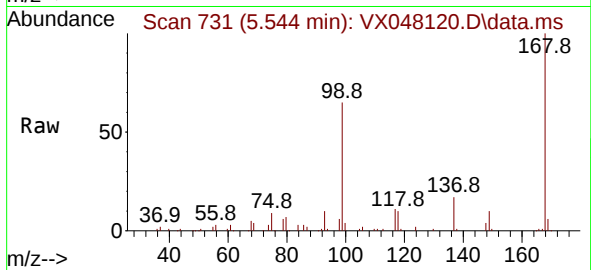
Quant Time: Oct 10 23:53:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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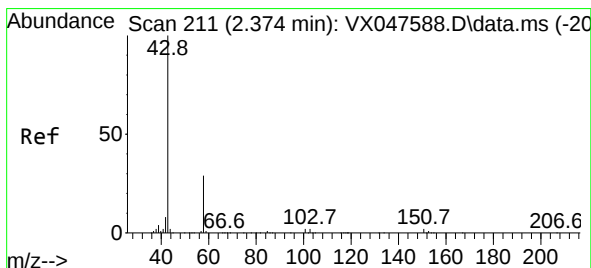
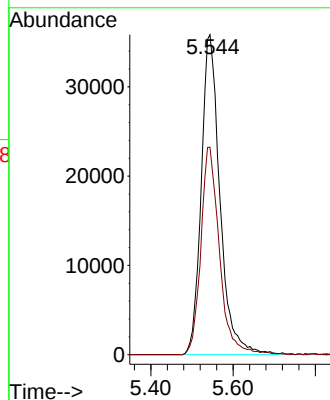
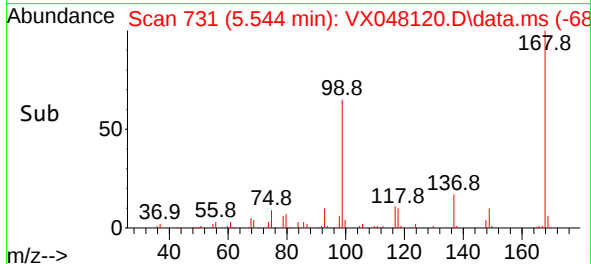


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048120.D
Acq: 10 Oct 2025 17:57

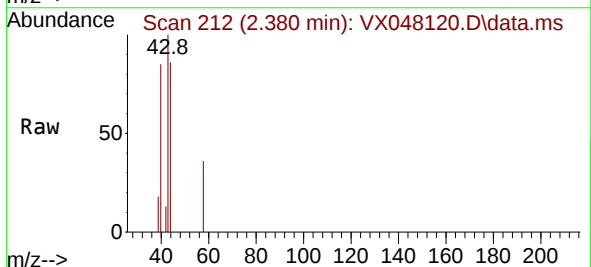
Instrument :
MSVOA_X
ClientSampleId :
MW-214D



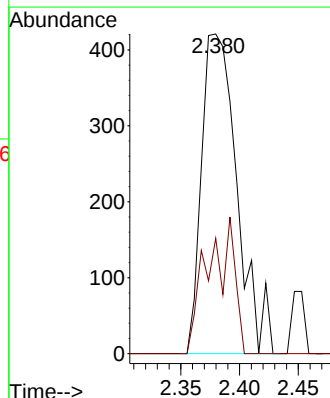
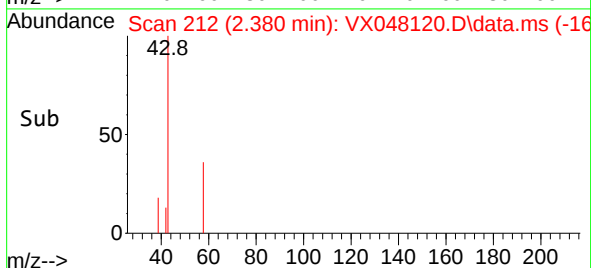
Tgt Ion:168 Resp: 113288
Ion Ratio Lower Upper
168 100
99 64.8 48.8 73.2

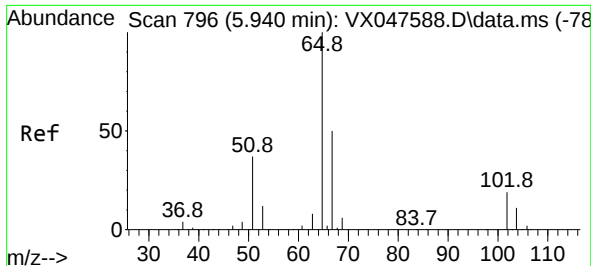


#16
Acetone
Concen: 1.127 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048120.D
Acq: 10 Oct 2025 17:57



Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
58 36.1 23.4 35.0#





#33

1,2-Dichloroethane-d4

Concen: 49.939 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048120.D

Acq: 10 Oct 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

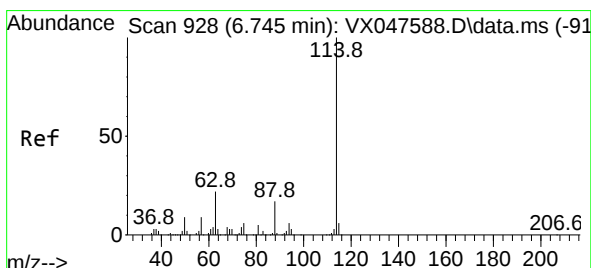
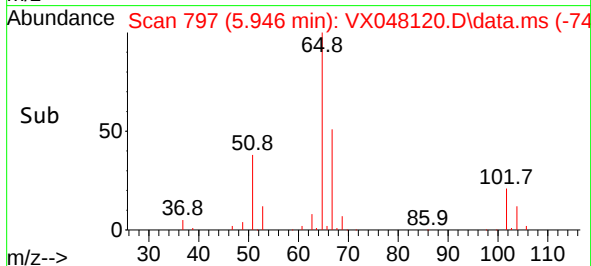
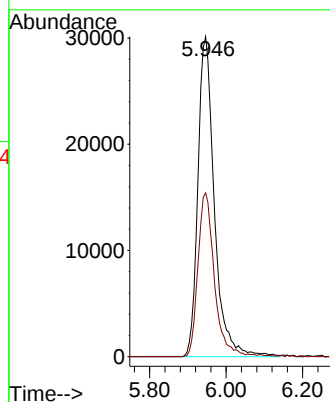
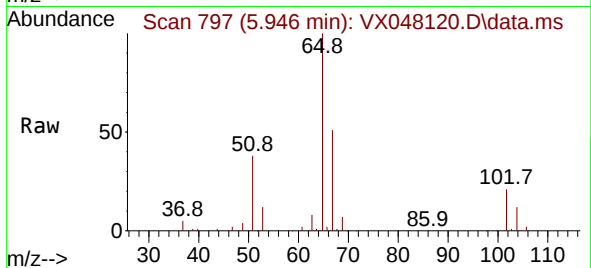
MW-214D

Tgt Ion: 65 Resp: 90053

Ion Ratio Lower Upper

65 100

67 51.1 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: VX048120.D

Acq: 10 Oct 2025 17:57

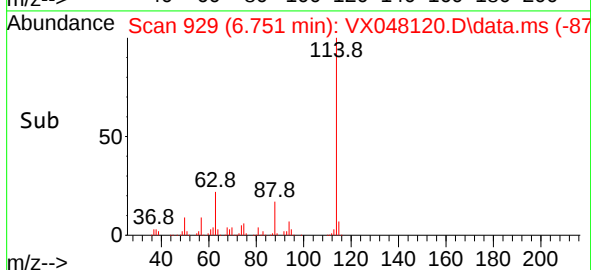
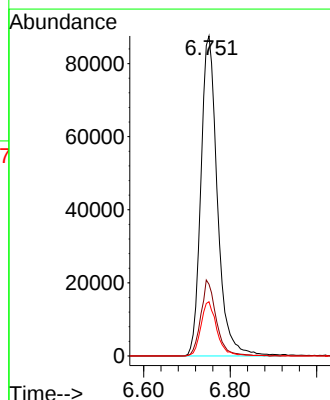
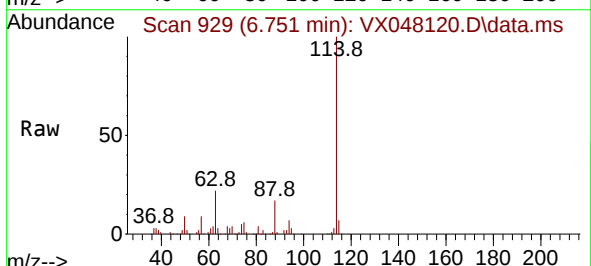
Tgt Ion: 114 Resp: 232134

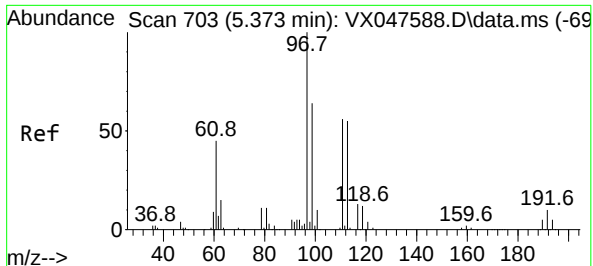
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

88 17.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.095 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX048120.D

Acq: 10 Oct 2025 17:57

Instrument :

MSVOA_X

ClientSampleId :

MW-214D

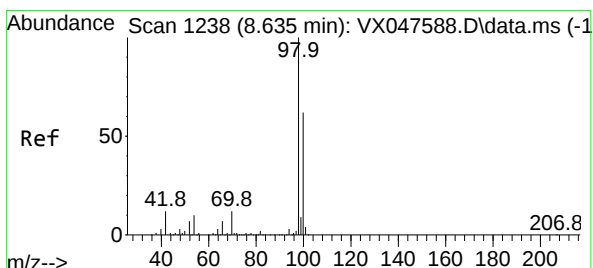
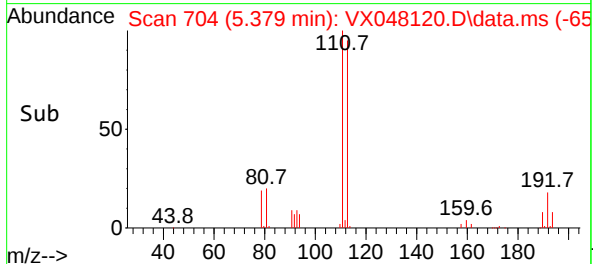
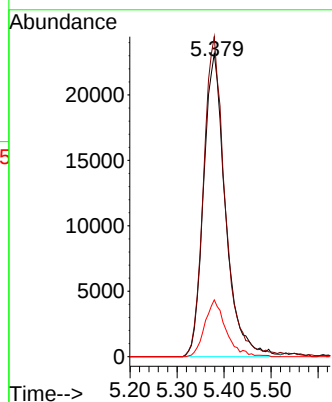
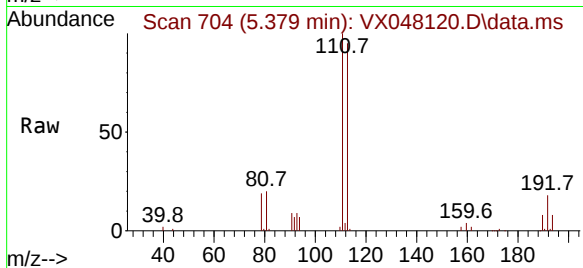
Tgt Ion:113 Resp: 74875

Ion Ratio Lower Upper

113 100

111 103.5 80.9 121.3

192 18.1 14.2 21.4



#50

Toluene-d8

Concen: 48.089 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048120.D

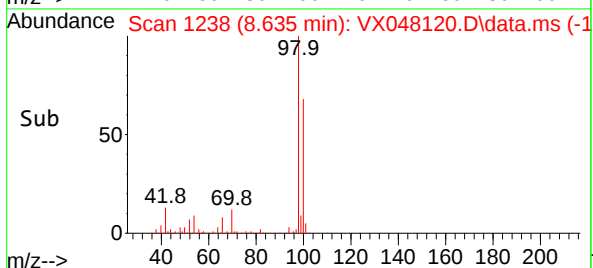
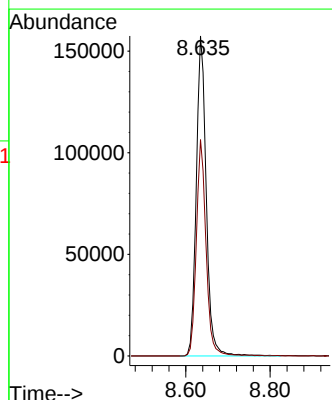
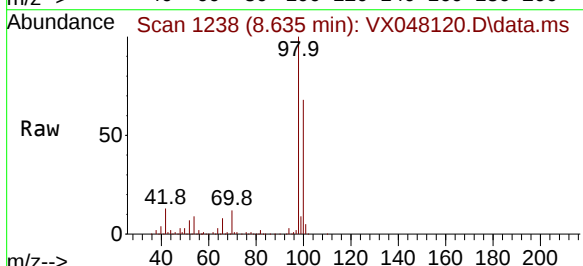
Acq: 10 Oct 2025 17:57

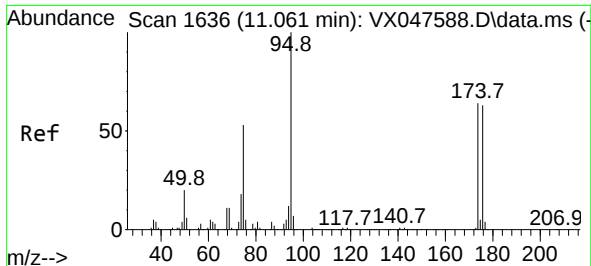
Tgt Ion: 98 Resp: 259052

Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4

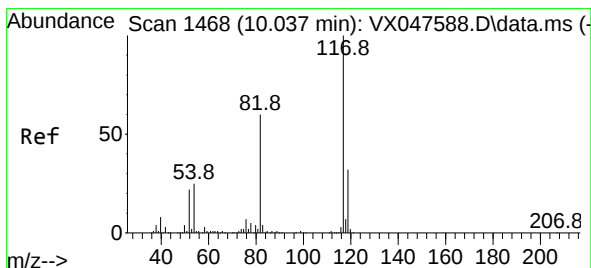
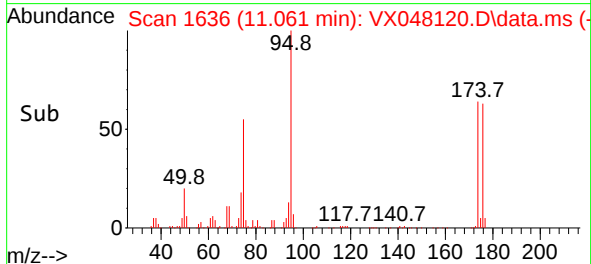
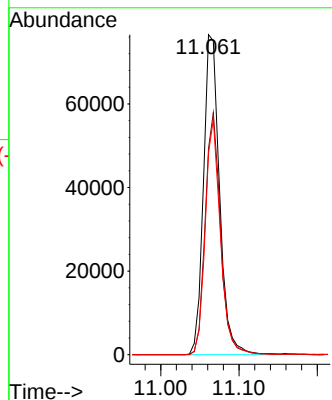
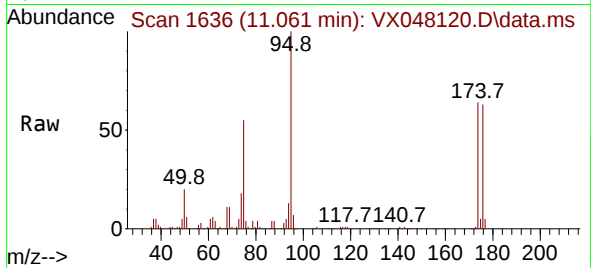




#62
4-Bromofluorobenzene
Concen: 53.347 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048120.D
Acq: 10 Oct 2025 17:57

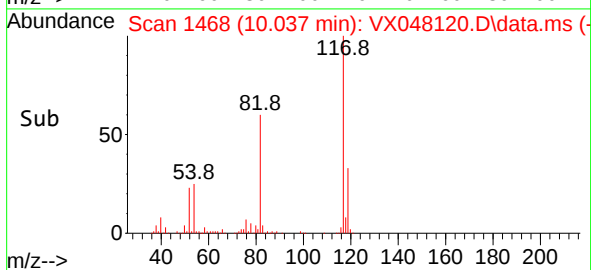
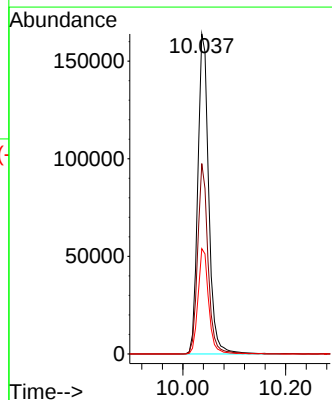
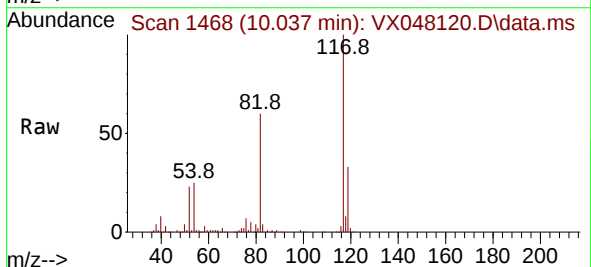
Instrument :
MSVOA_X
ClientSampleId :
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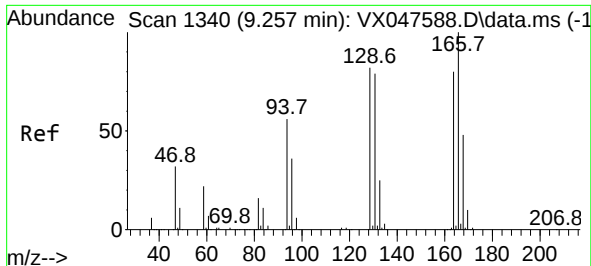
Tgt Ion: 95 Resp: 109063
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048120.D
Acq: 10 Oct 2025 17:57

Tgt Ion: 117 Resp: 241401
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.6
119 32.9 25.2 37.8

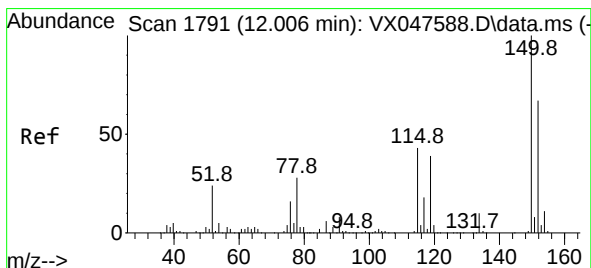
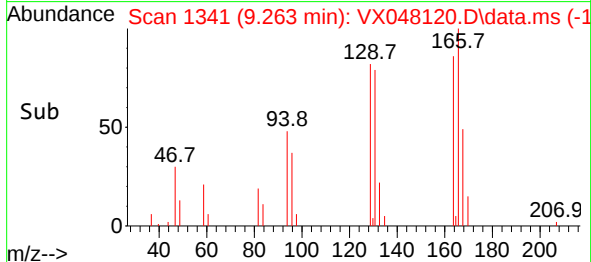
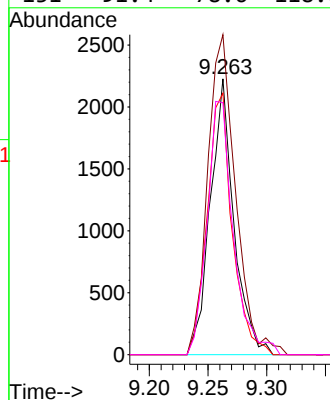
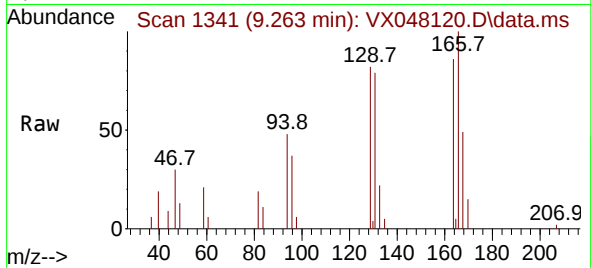




#64
Tetrachloroethene
Concen: 1.981 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048120.D
Acq: 10 Oct 2025 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion:164	Resp:	3117
Ion	Ratio	Lower Upper
164	100	
166	116.0	100.2 150.2
129	94.8	81.8 122.6
131	91.4	78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048120.D
Acq: 10 Oct 2025 17:57

Tgt Ion:152	Resp:	119289
Ion	Ratio	Lower Upper
152	100	
115	61.8	44.9 134.5
150	159.4	0.0 352.0

