

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047656.D
 Acq On : 18 Sep 2025 20:34
 Operator : JC/MD
 Sample : Q3095-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20250911

Quant Time: Sep 19 01:37:27 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)

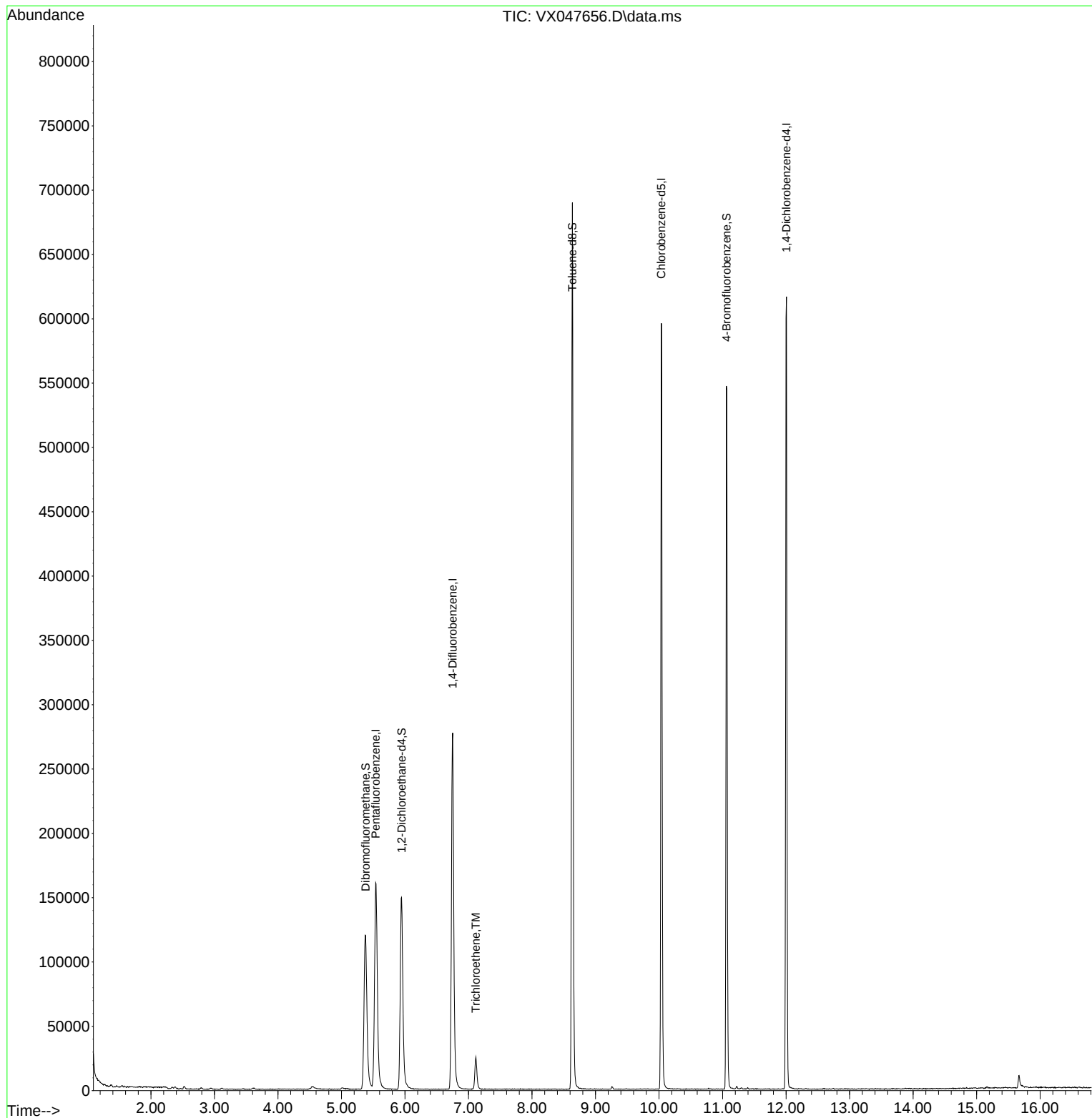
Internal Standards						
1) Pentafluorobenzene	5.538	168	161049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	300961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	275687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	161876	63.147	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.300%#	
35) Dibromofluoromethane	5.379	113	119338	59.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.240%	
50) Toluene-d8	8.635	98	417521	59.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 119.560%#	
62) 4-Bromofluorobenzene	11.061	95	161244	60.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.660%	
Target Compounds						
44) Trichloroethene	7.117	130	10643	4.914	ug/l	Qvalue 88

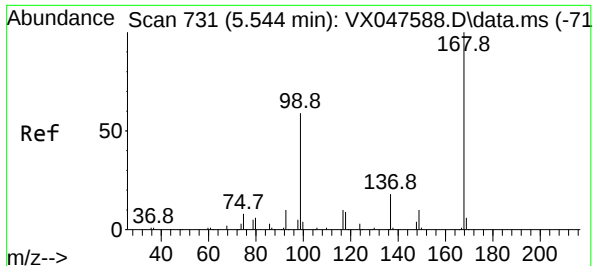
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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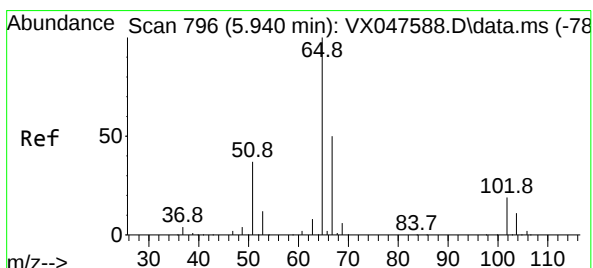
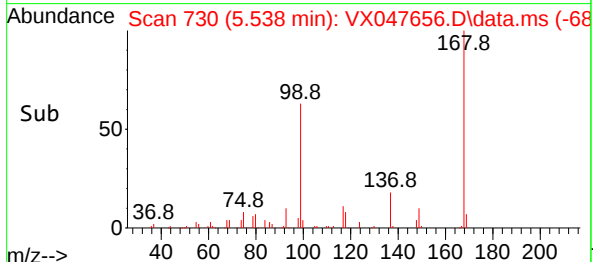
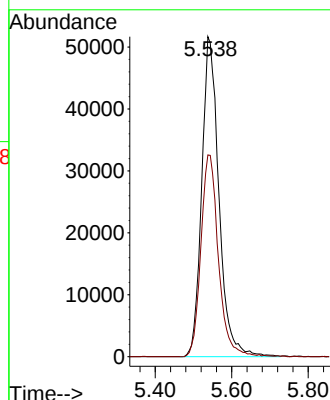
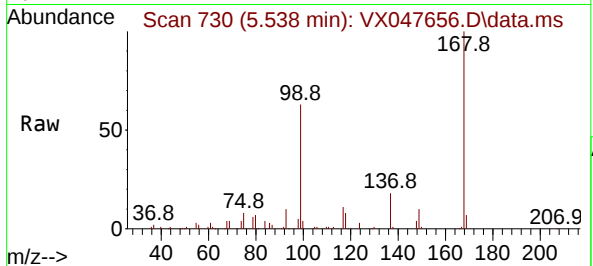




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.006 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

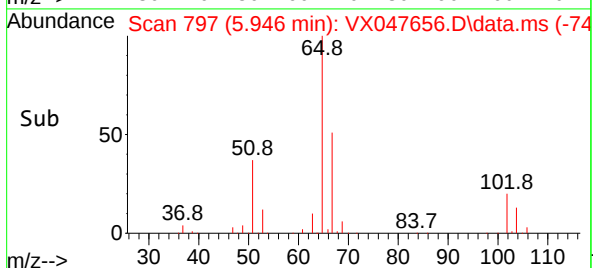
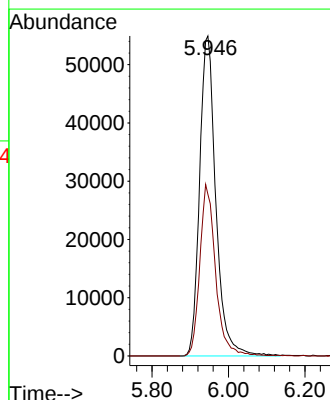
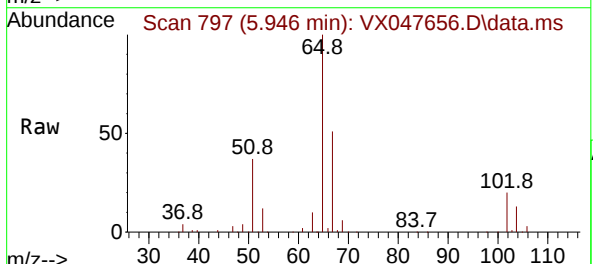
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250911

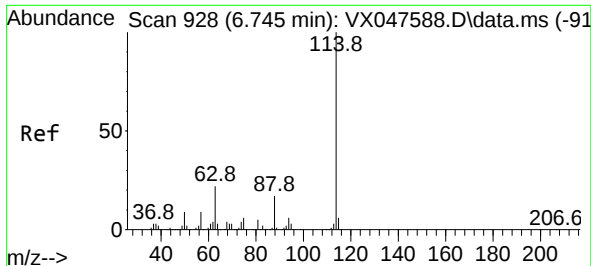
Tgt Ion:168 Resp: 161049
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 63.147 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

Tgt Ion: 65 Resp: 161876
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

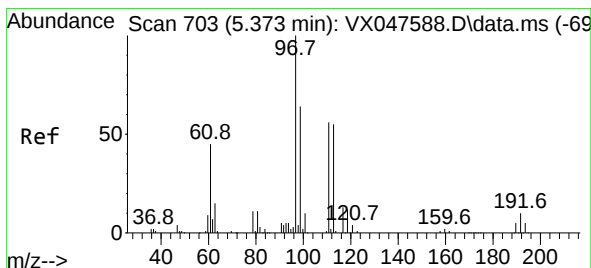
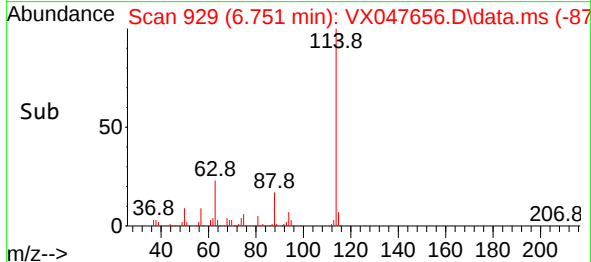
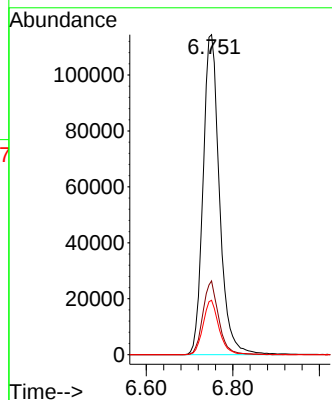
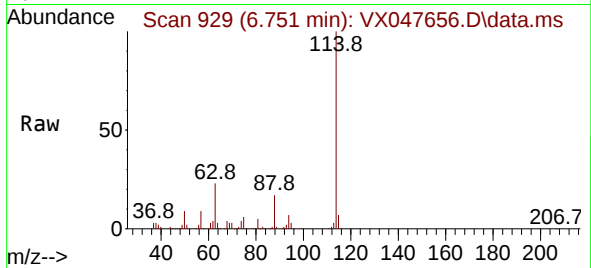




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

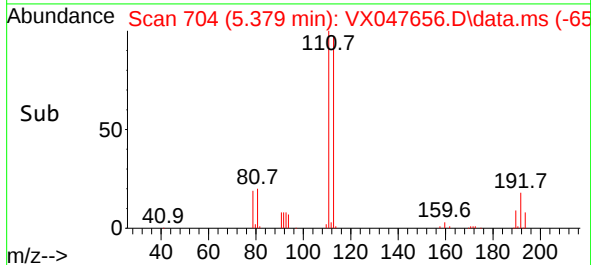
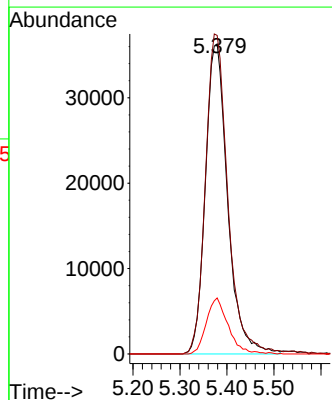
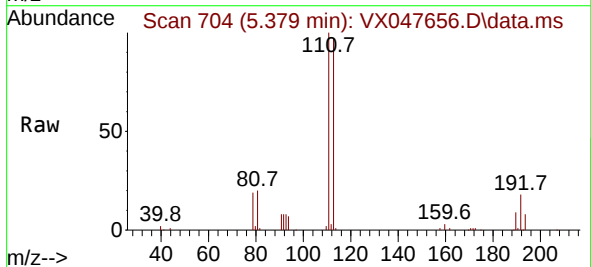
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20250911

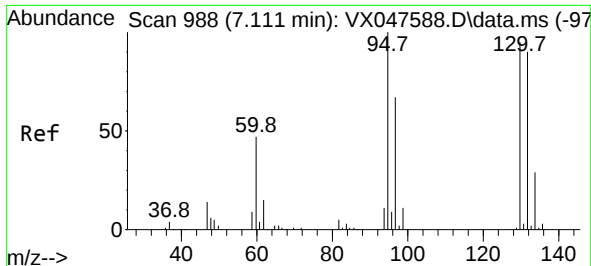
Tgt Ion:114 Resp: 300961
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.0
88 17.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 59.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

Tgt Ion:113 Resp: 119338
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 17.7 14.2 21.4

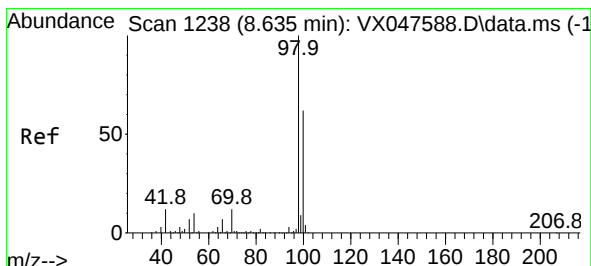
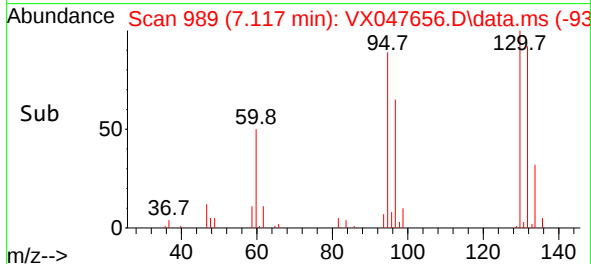
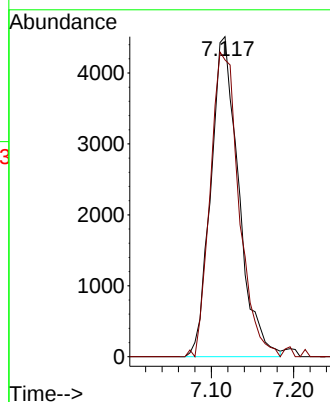
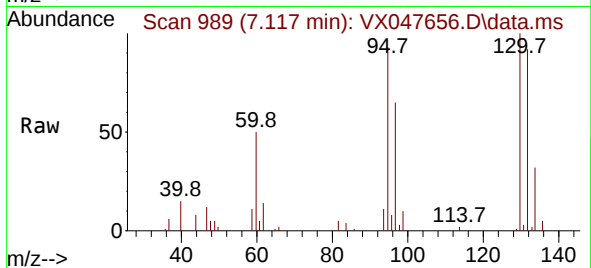




#44
Trichloroethene
Concen: 4.914 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

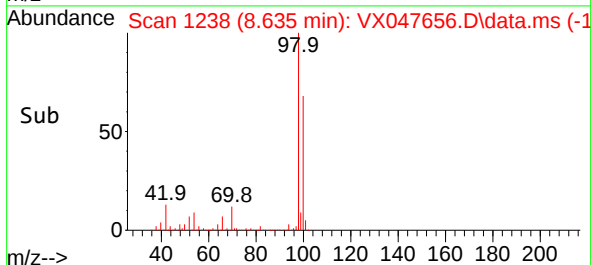
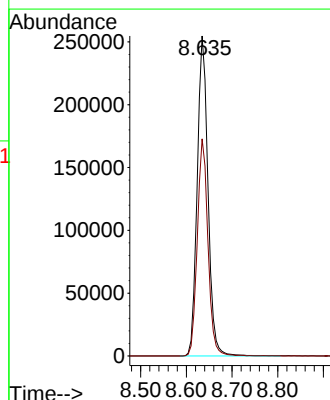
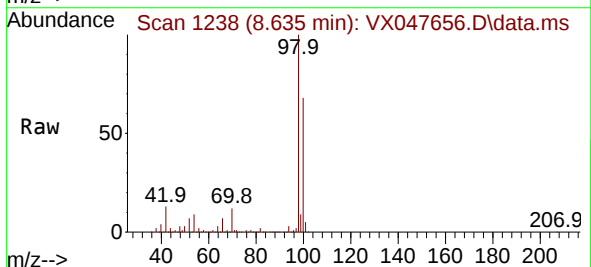
Instrument :
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ClientSampleId :
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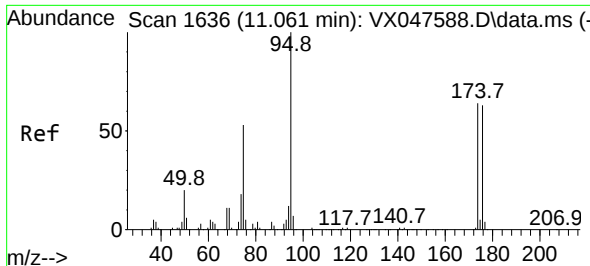
Tgt Ion:130 Resp: 10643
Ion Ratio Lower Upper
130 100
95 92.8 0.0 210.8



#50
Toluene-d8
Concen: 59.782 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

Tgt Ion: 98 Resp: 417521
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

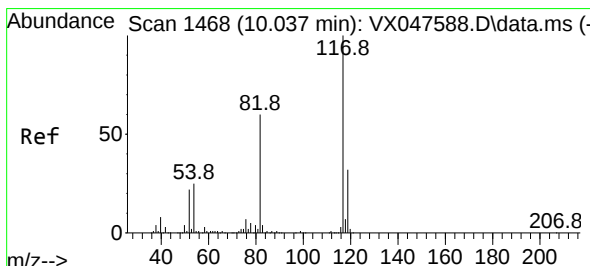
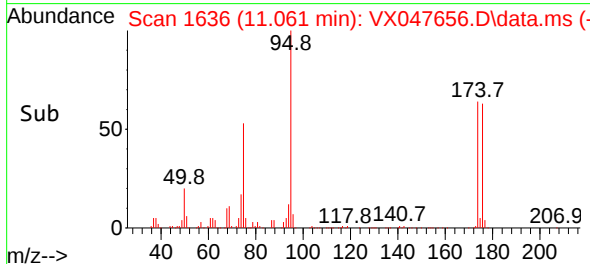
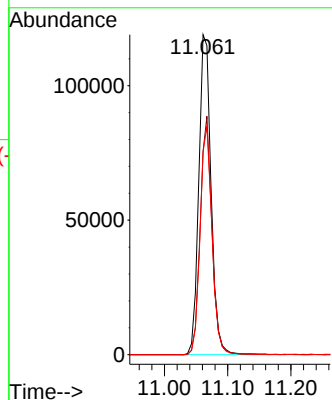
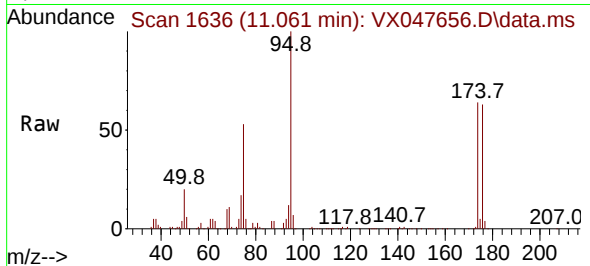




#62
4-Bromofluorobenzene
Concen: 60.833 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

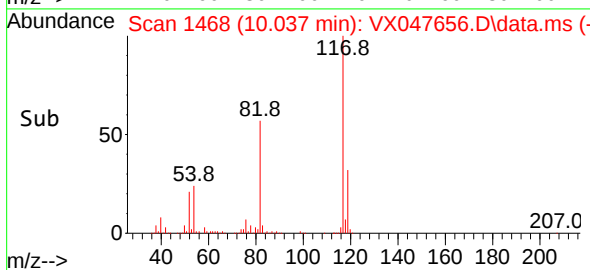
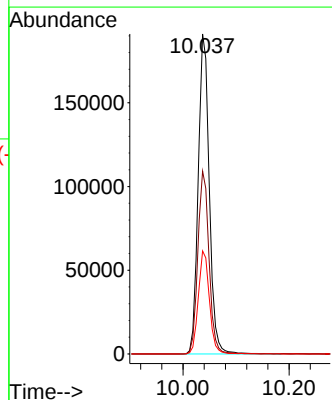
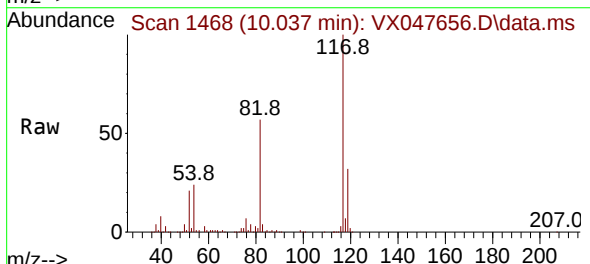
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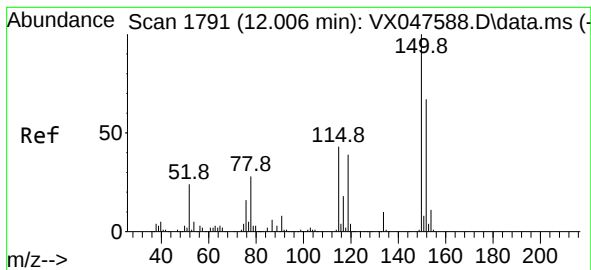
Tgt Ion: 95 Resp: 161244
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047656.D
Acq: 18 Sep 2025 20:34

Tgt Ion: 117 Resp: 275687
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 32.2 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: VX047656.D

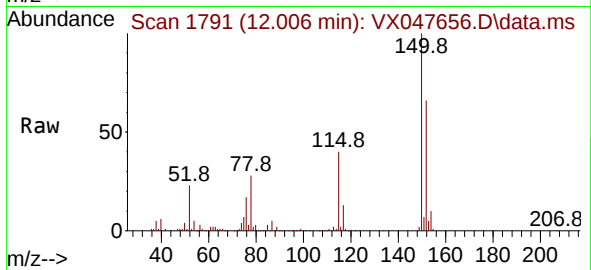
Acq: 18 Sep 2025 20:34

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 133701

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 155.4 0.0 352.0

