

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047751.D
 Acq On : 24 Sep 2025 05:13
 Operator : JC/MD
 Sample : Q3127-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20250915

Quant Time: Sep 24 07:09:18 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)

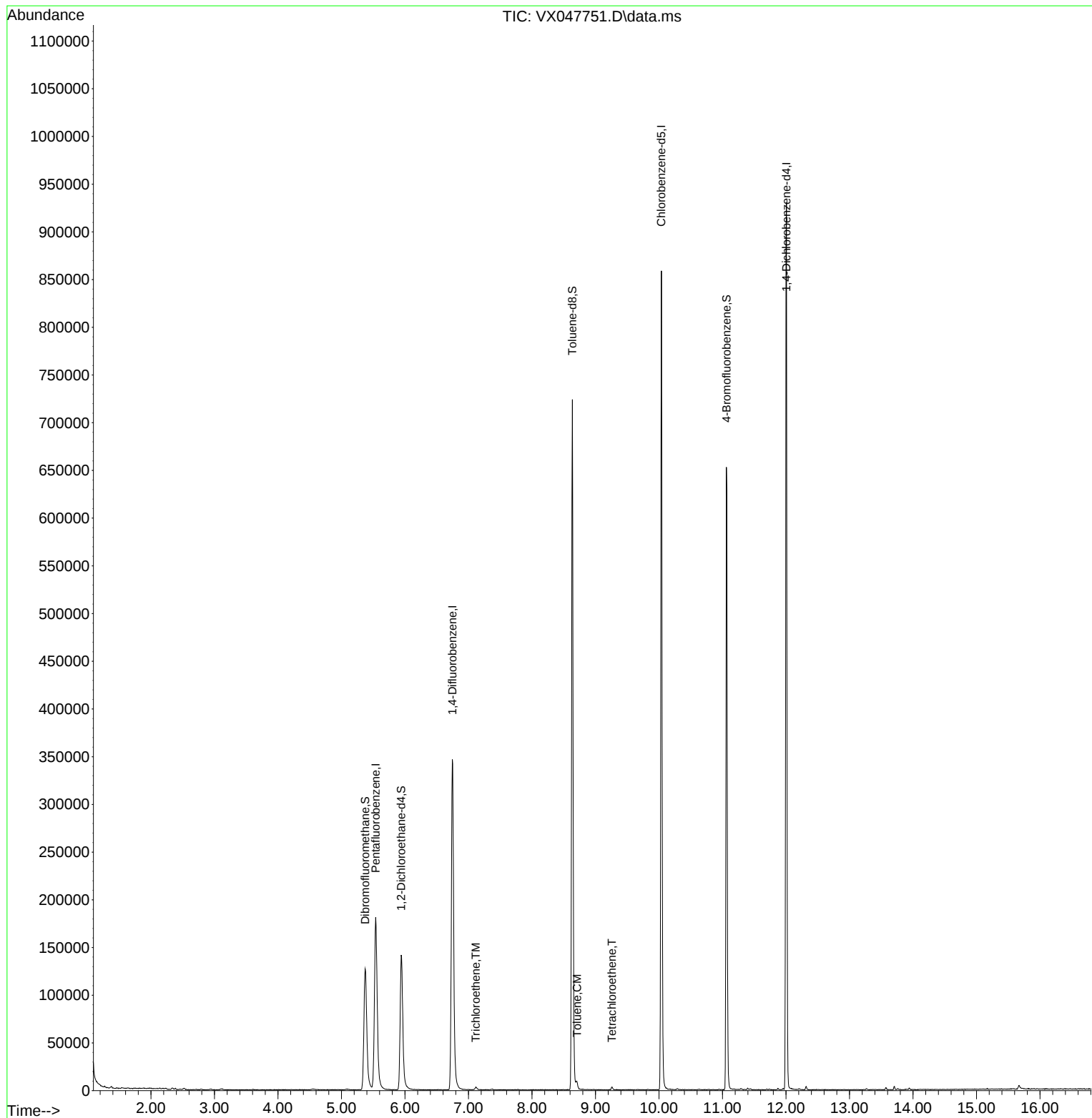
Internal Standards						
1) Pentafluorobenzene	5.538	168	181276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	380344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	382633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	195779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	153810	53.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.620%	
35) Dibromofluoromethane	5.373	113	125627	49.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.500%	
50) Toluene-d8	8.635	98	435093	49.295	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	11.061	95	186898	55.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.600%	
Target Compounds						Qvalue
44) Trichloroethene	7.117	130	1300	0.475	ug/l	77
52) Toluene	8.708	92	3064	0.439	ug/l	94
64) Tetrachloroethene	9.257	164	526	0.211	ug/l	88

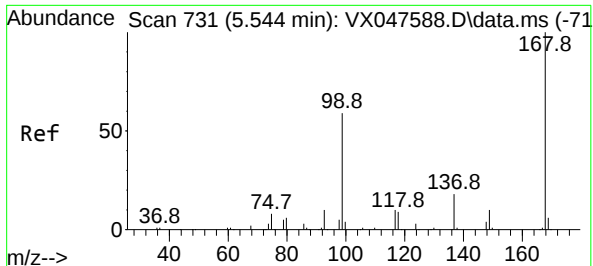
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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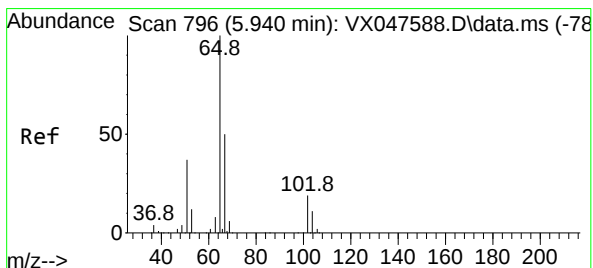
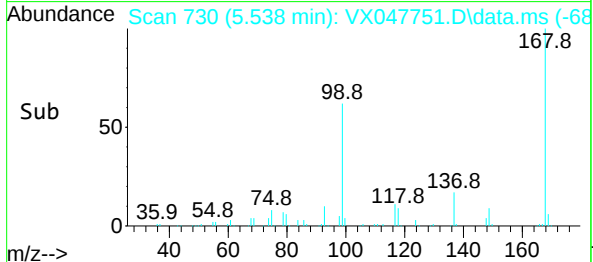
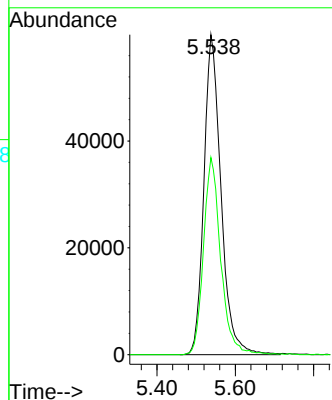
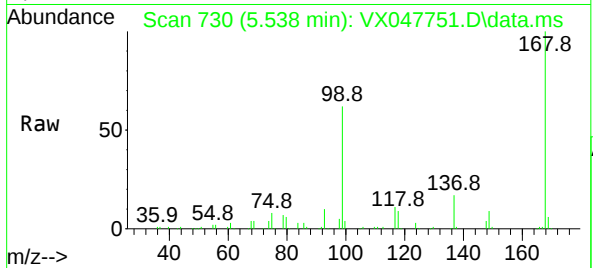




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

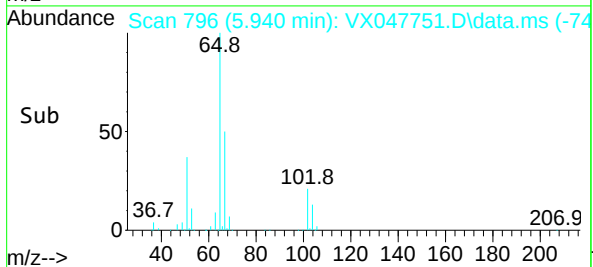
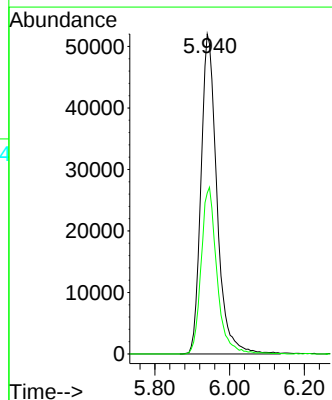
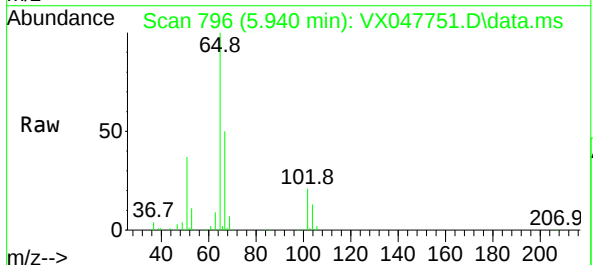
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250915

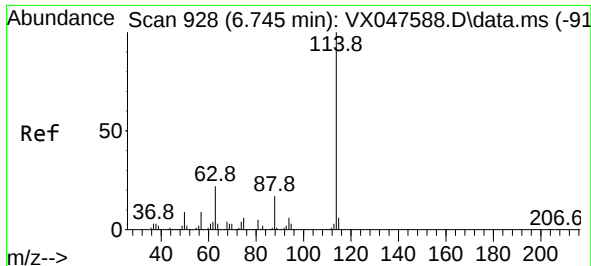
Tgt Ion:168 Resp: 181276
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.305 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

Tgt Ion: 65 Resp: 153810
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

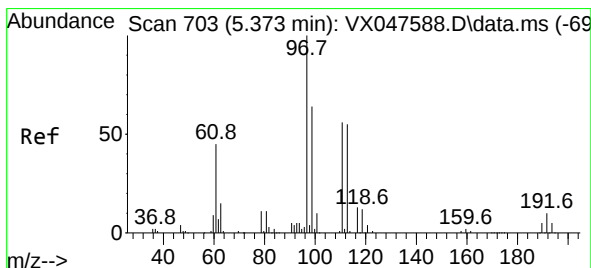
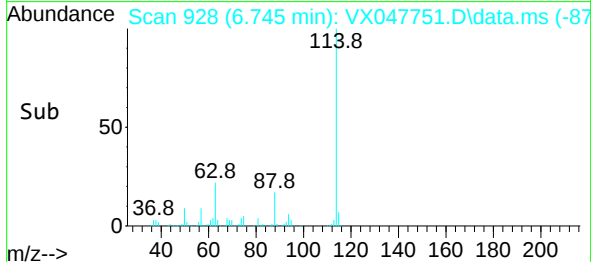
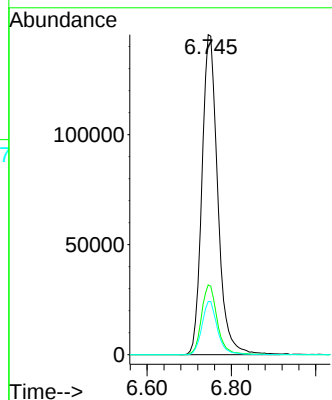
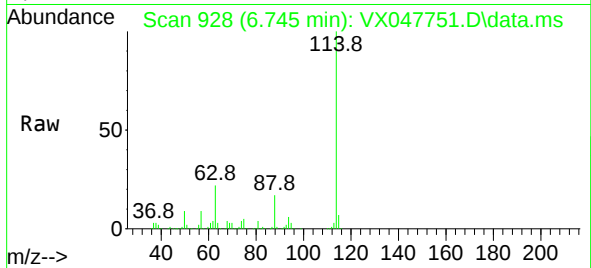




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

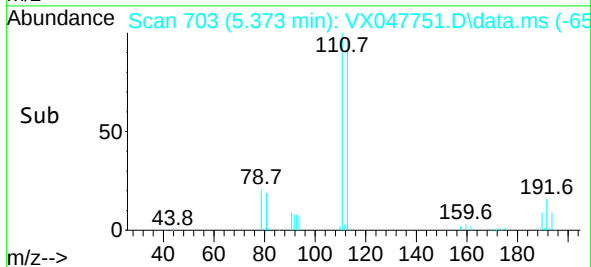
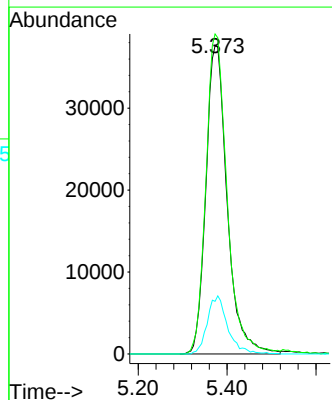
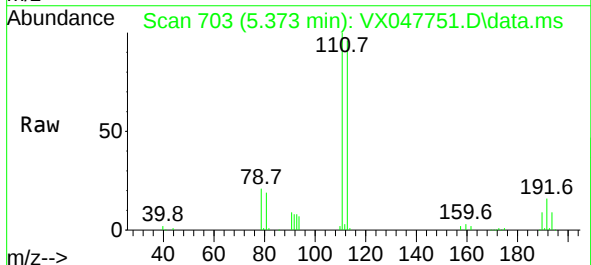
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250915

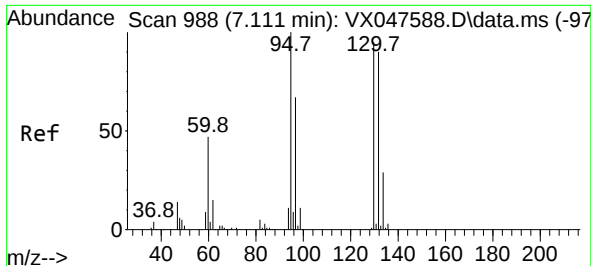
Tgt Ion:114 Resp: 380344
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.250 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

Tgt Ion:113 Resp: 125627
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.1 14.2 21.4

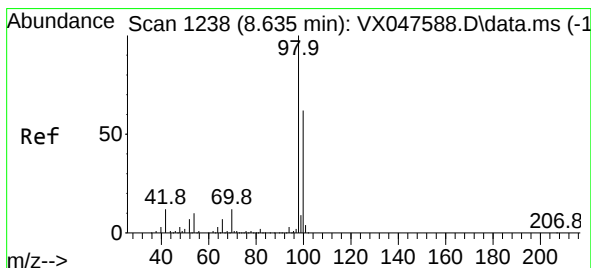
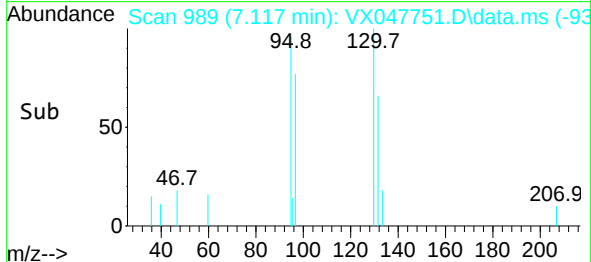
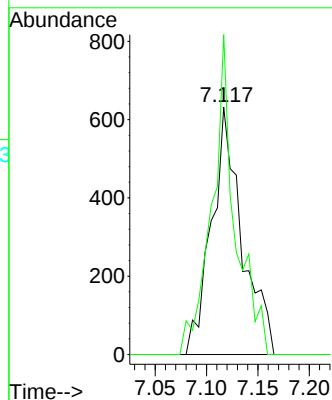
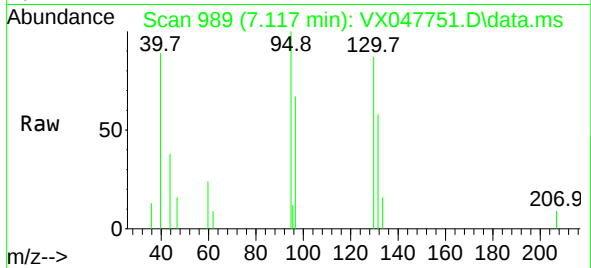




#44
Trichloroethene
Concen: 0.475 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

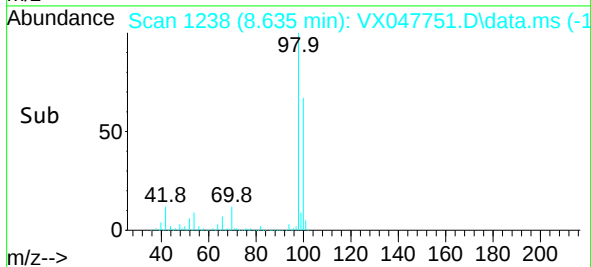
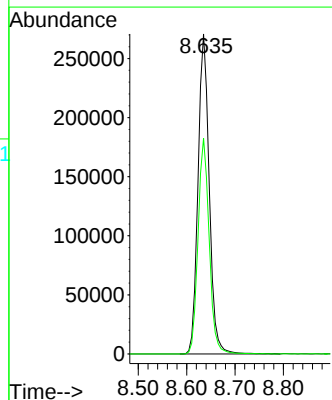
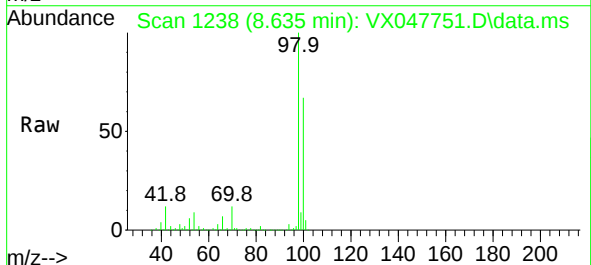
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20250915

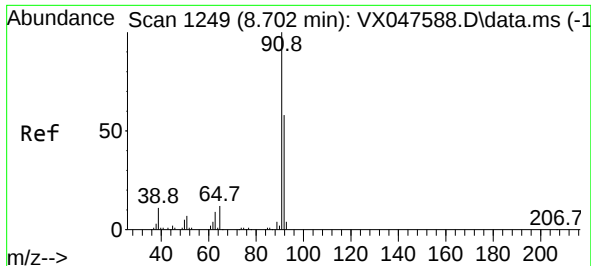
Tgt Ion:130 Resp: 1300
Ion Ratio Lower Upper
130 100
95 129.3 0.0 210.8



#50
Toluene-d8
Concen: 49.295 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

Tgt Ion: 98 Resp: 435093
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4

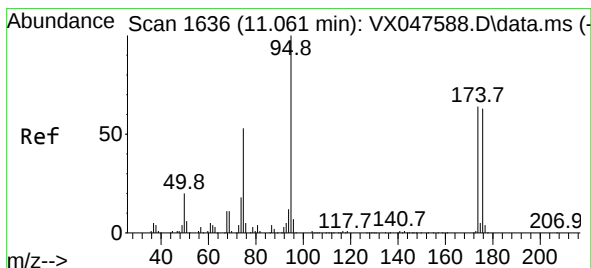
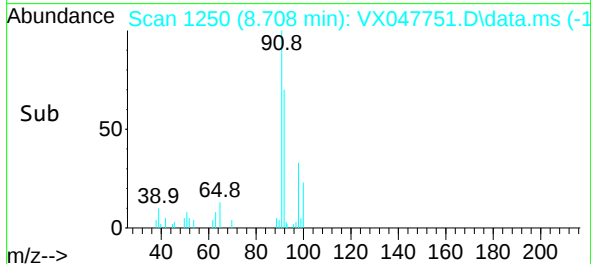
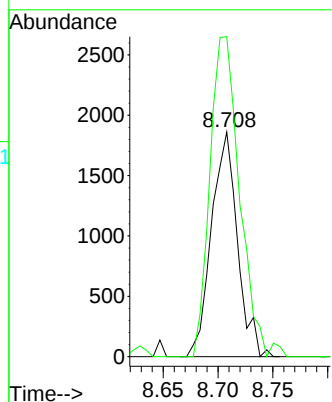
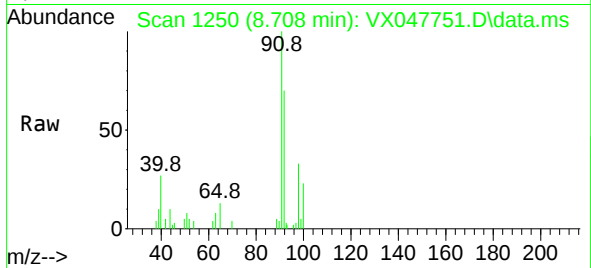




#52
Toluene
Concen: 0.439 ug/l
RT: 8.708 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

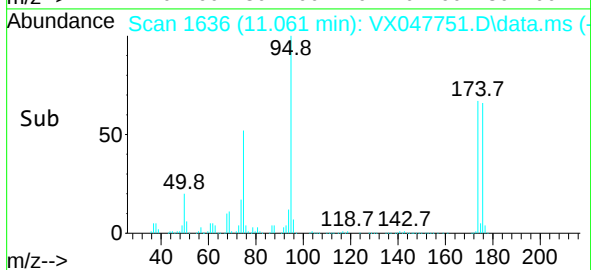
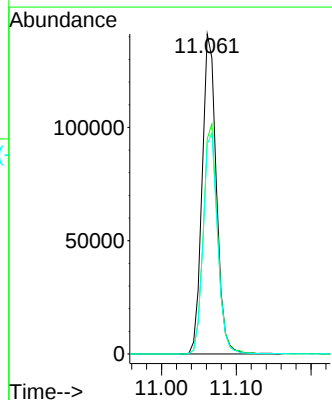
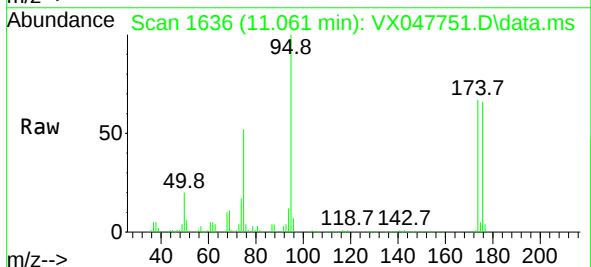
Instrument :
MSVOA_X
ClientSampleId :
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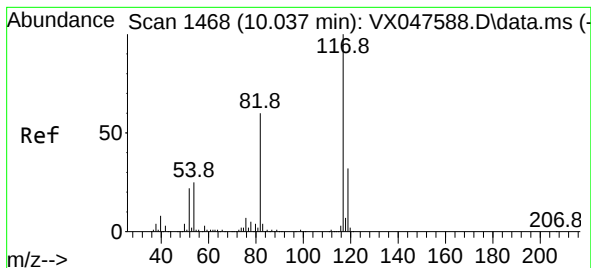
Tgt Ion: 92 Resp: 3064
Ion Ratio Lower Upper
92 100
91 163.5 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 55.795 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047751.D
Acq: 24 Sep 2025 05:13

Tgt Ion: 95 Resp: 186898
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.9 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: VX047751.D

Acq: 24 Sep 2025 05:13

Instrument :

MSVOA_X

ClientSampleId :

TT15811-20250915

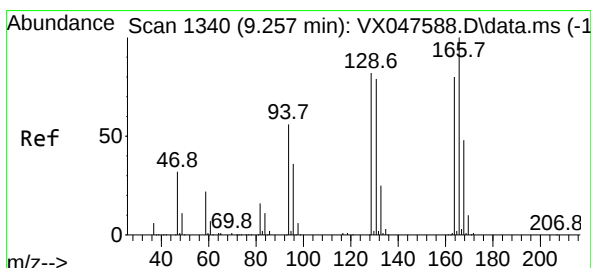
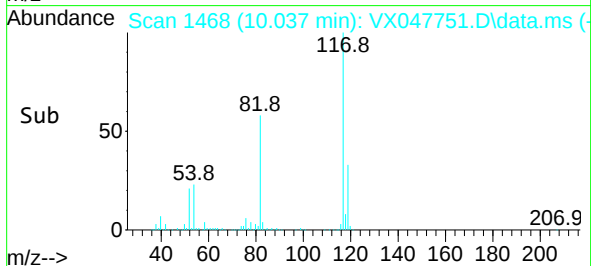
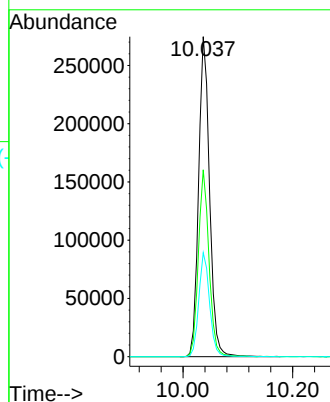
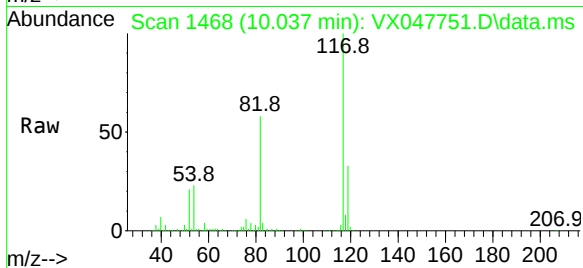
Tgt Ion:117 Resp: 382633

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.6

119 32.5 25.2 37.8



#64

Tetrachloroethene

Concen: 0.211 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX047751.D

Acq: 24 Sep 2025 05:13

Tgt Ion:164 Resp: 526

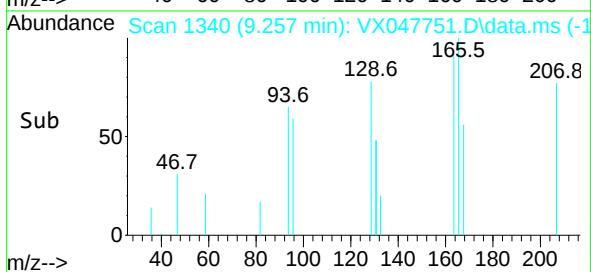
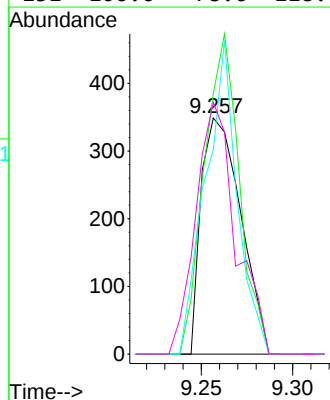
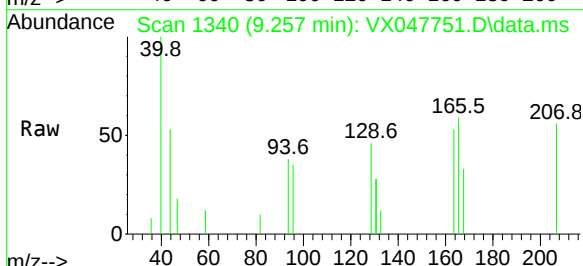
Ion Ratio Lower Upper

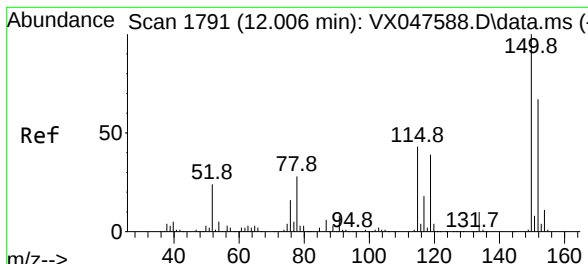
164 100

166 110.3 100.2 150.2

129 86.5 81.8 122.6

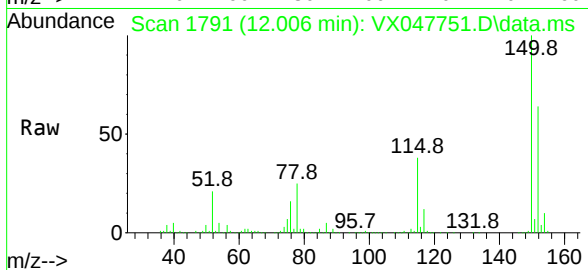
131 106.6 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047751.D
 Acq: 24 Sep 2025 05:13

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 195779
 Ion Ratio Lower Upper
 152 100
 115 61.4 44.9 134.5
 150 156.6 0.0 352.0

