

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048488.D
 Acq On : 04 Nov 2025 17:03
 Operator : JC/MD
 Sample : Q3537-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17-PURGE-WATER

Quant Time: Nov 05 03:29:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

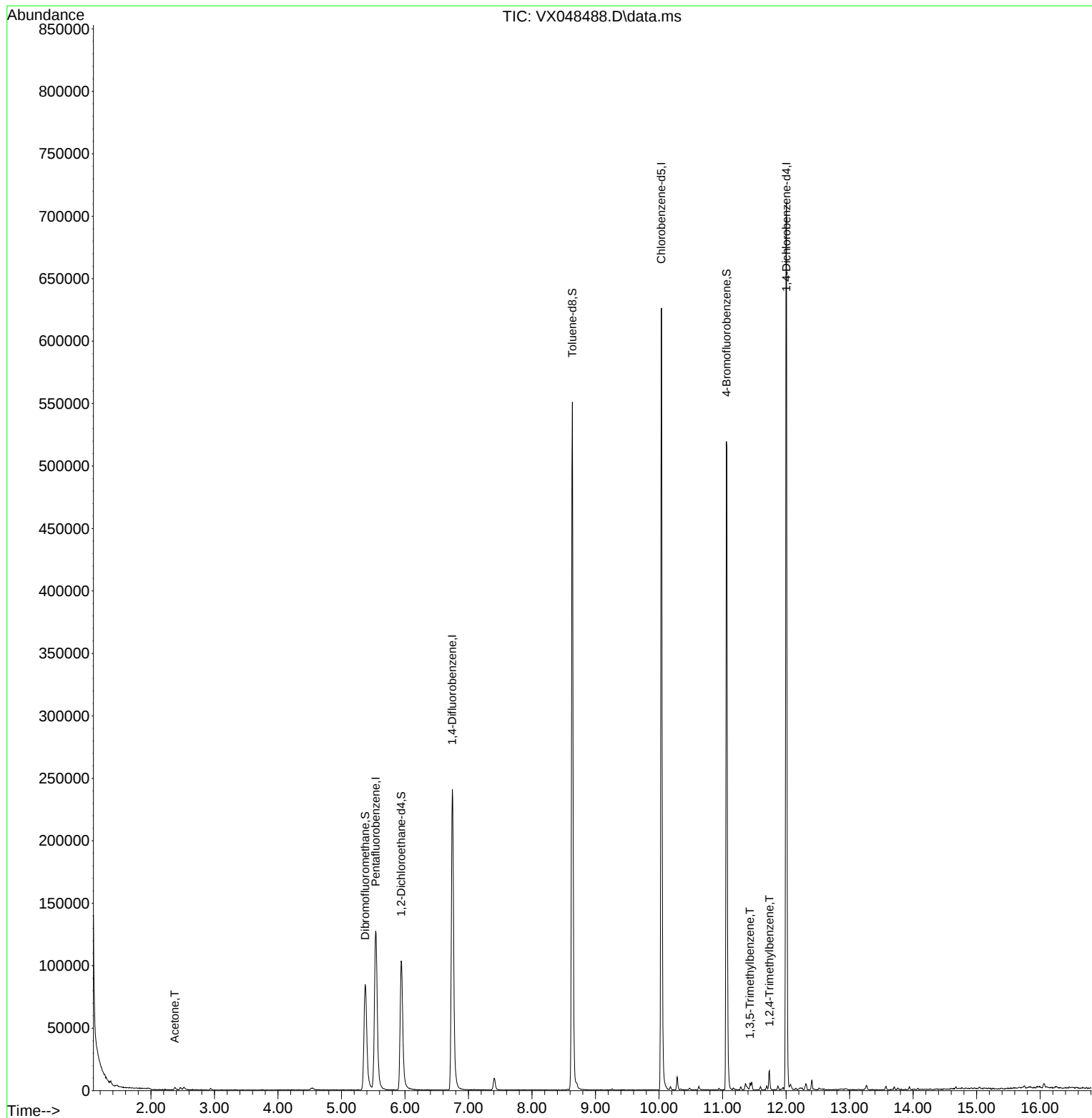
Internal Standards						
1) Pentafluorobenzene	5.538	168	128603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	264831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	312284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	117367	63.458	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 126.920%#	
35) Dibromofluoromethane	5.373	113	83677	55.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.840%	
50) Toluene-d8	8.635	98	351651	52.760	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	11.061	95	153183	61.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.880%	
Target Compounds						
						Qvalue
16) Acetone	2.374	43	2683	6.401	ug/l	91
80) 1,3,5-Trimethylbenzene	11.433	105	2385	0.260	ug/l	91
84) 1,2,4-Trimethylbenzene	11.738	105	7048	0.777	ug/l	95

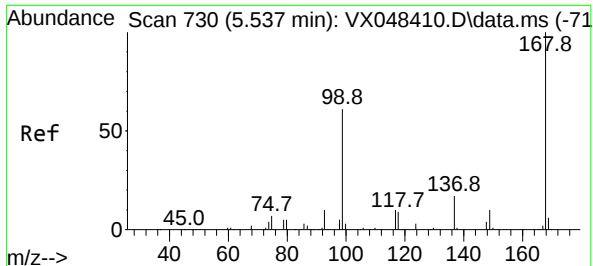
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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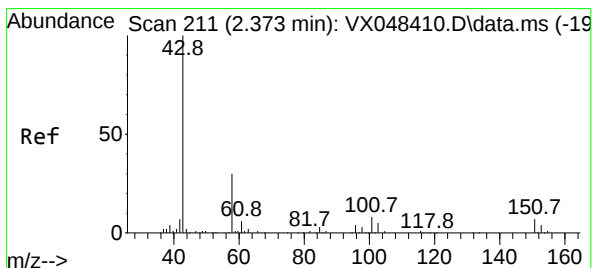
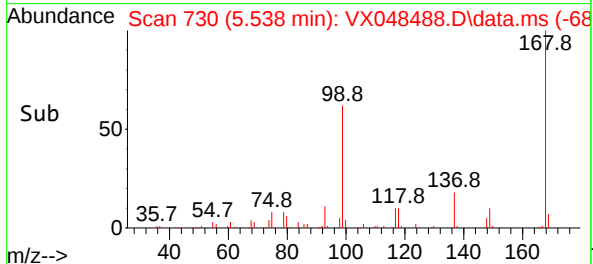
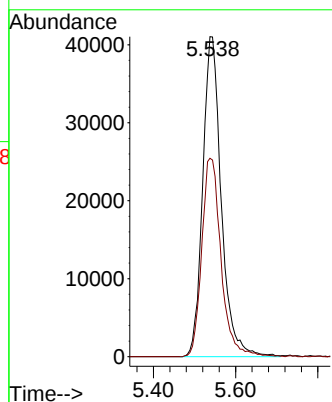
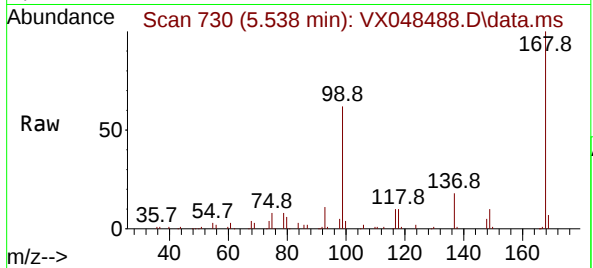




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048488.D
Acq: 04 Nov 2025 17:03

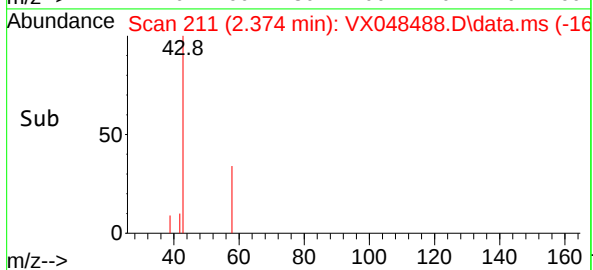
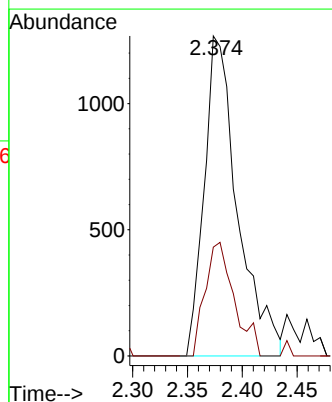
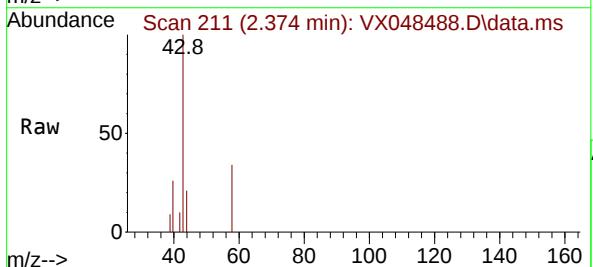
Instrument :
MSVOA_X
ClientSampleId :
MW-17-PURGE-WATER

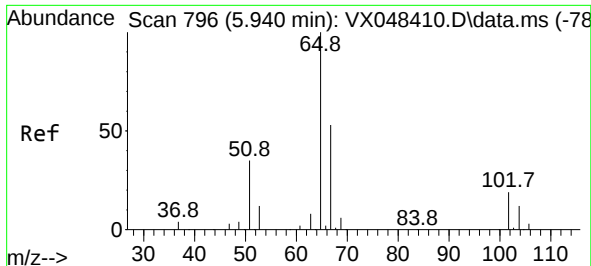
Tgt Ion:168 Resp: 128603
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6



#16
Acetone
Concen: 6.401 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048488.D
Acq: 04 Nov 2025 17:03

Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
58 34.0 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 63.458 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048488.D

Acq: 04 Nov 2025 17:03

Instrument :

MSVOA_X

ClientSampleId :

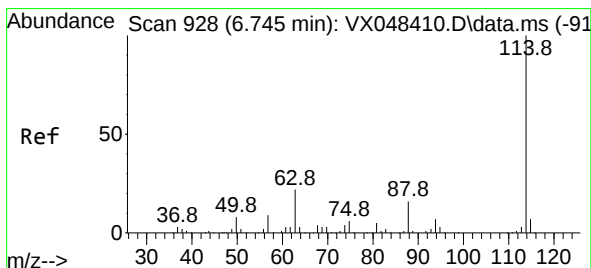
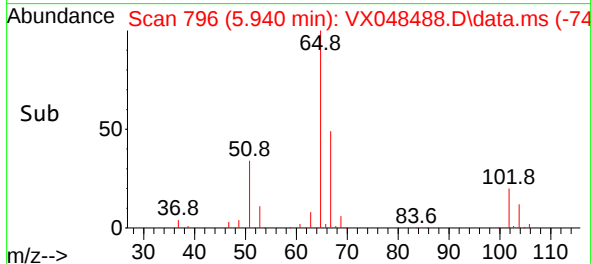
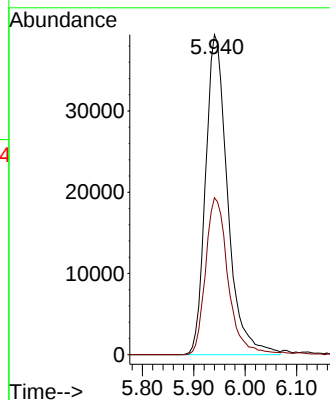
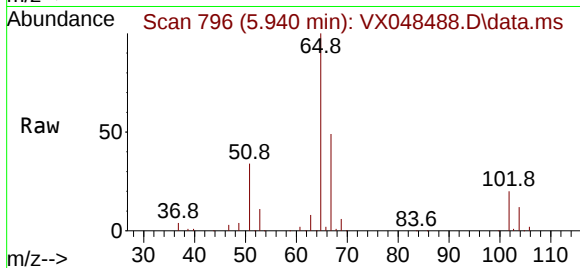
MW-17-PURGE-WATER

Tgt Ion: 65 Resp: 117367

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048488.D

Acq: 04 Nov 2025 17:03

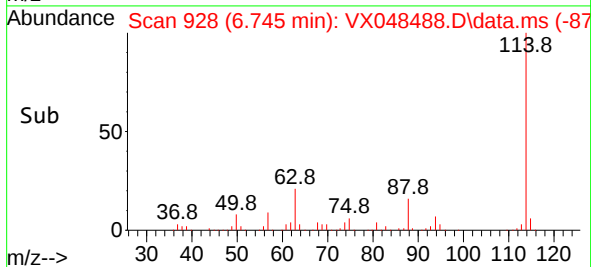
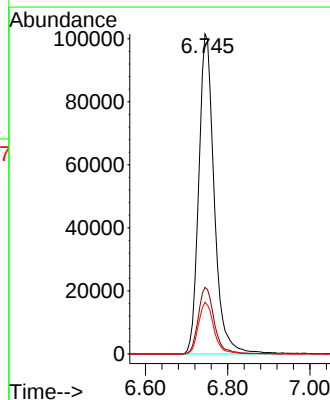
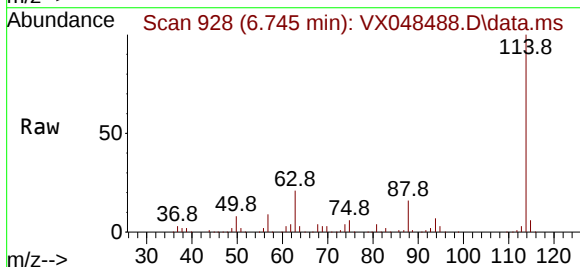
Tgt Ion: 114 Resp: 264831

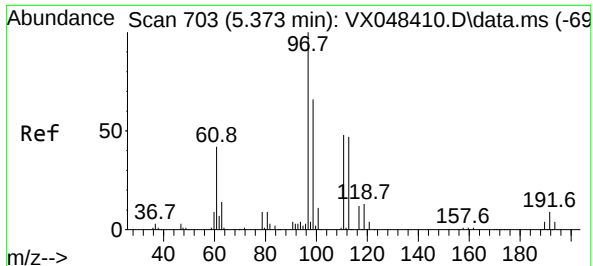
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.2 0.0 33.6

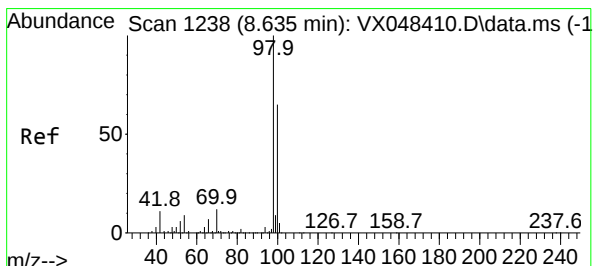
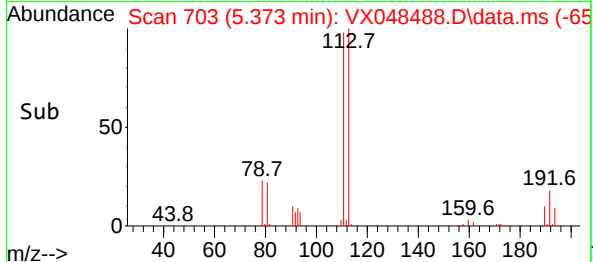
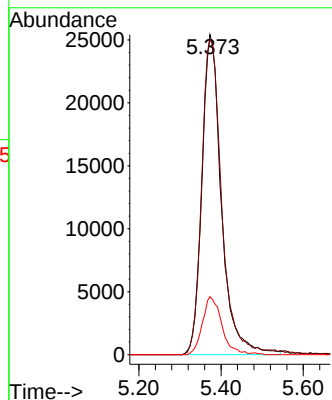
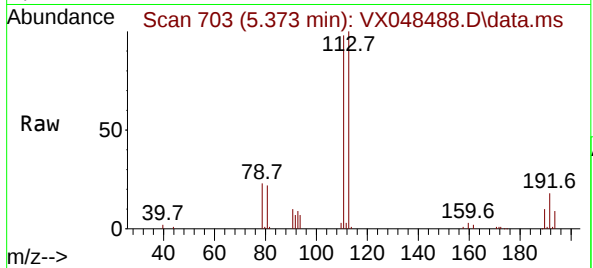




#35
Dibromofluoromethane
Concen: 55.419 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048488.D
Acq: 04 Nov 2025 17:03

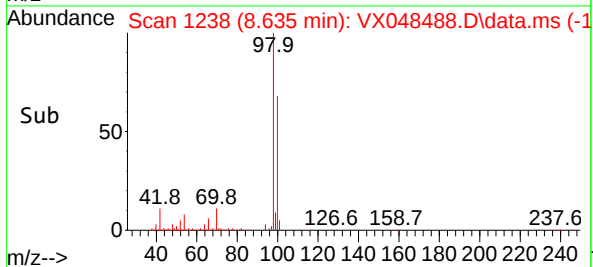
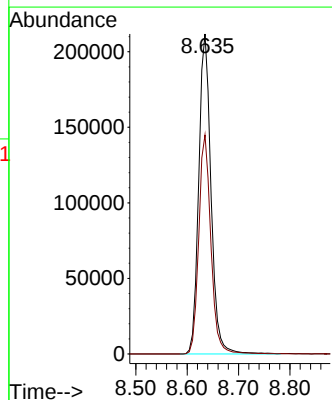
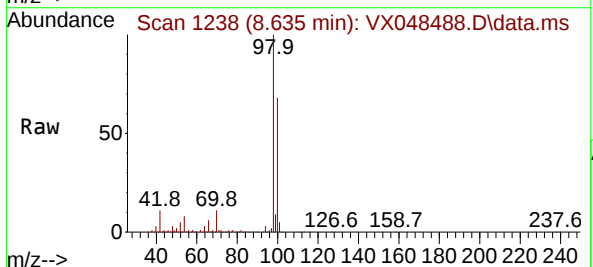
Instrument :
MSVOA_X
ClientSampleId :
MW-17-PURGE-WATER

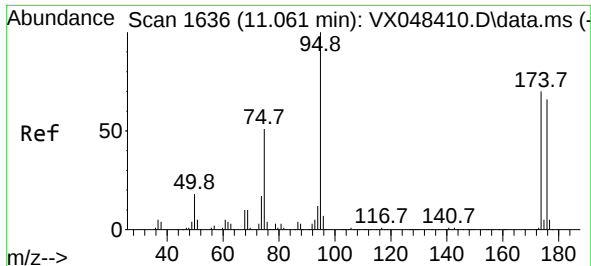
Tgt Ion:113 Resp: 83677
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 17.9 15.1 22.7



#50
Toluene-d8
Concen: 52.760 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048488.D
Acq: 04 Nov 2025 17:03

Tgt Ion: 98 Resp: 351651
Ion Ratio Lower Upper
98 100
100 67.7 53.0 79.4

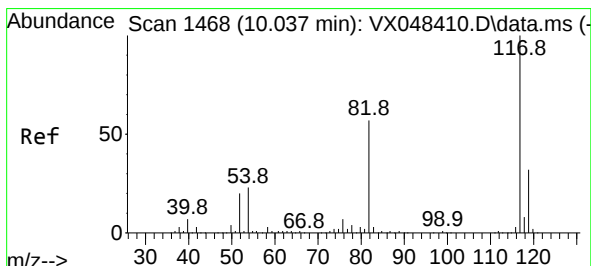
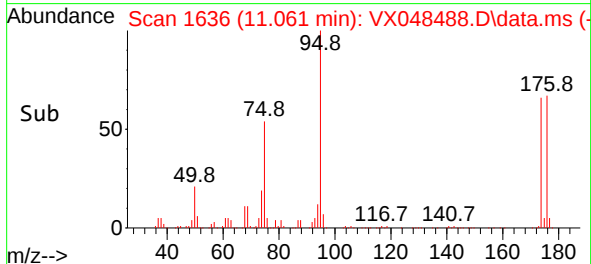
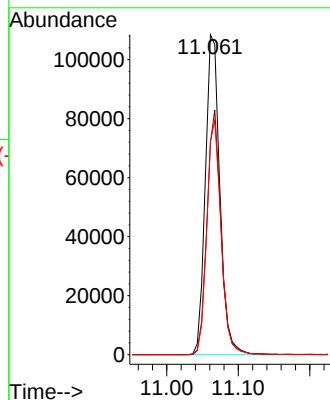
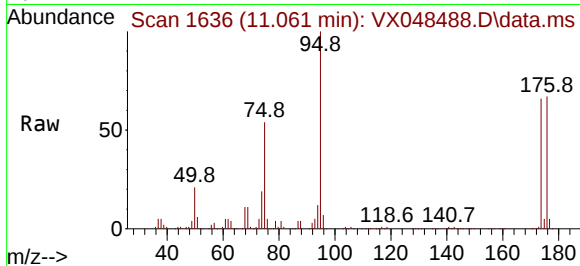




#62
4-Bromofluorobenzene
Concen: 61.438 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048488.D
Acq: 04 Nov 2025 17:03

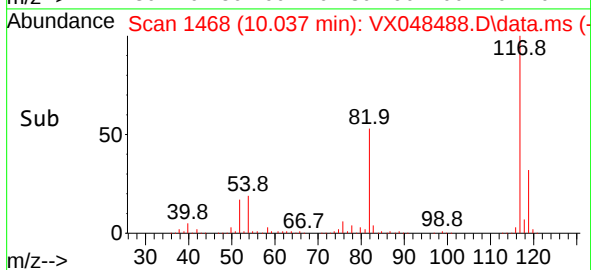
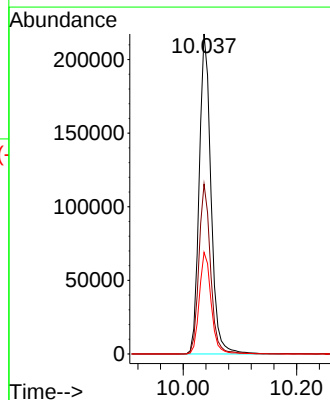
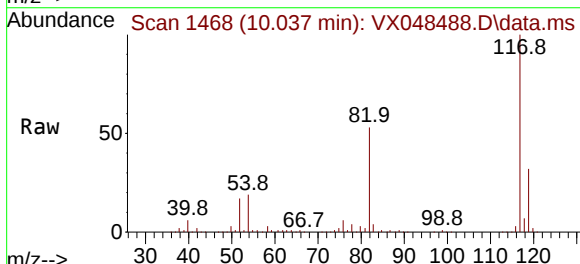
Instrument :
MSVOA_X
ClientSampleId :
MW-17-PURGE-WATER

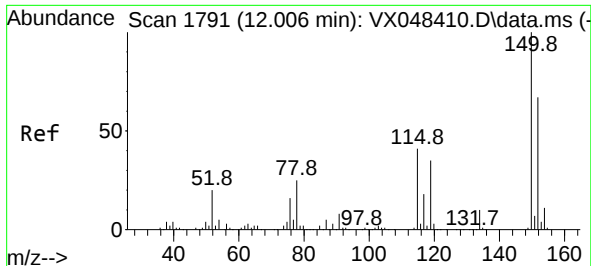
Tgt Ion: 95 Resp: 153183
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.8
176 71.8 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048488.D
Acq: 04 Nov 2025 17:03

Tgt Ion: 117 Resp: 312284
Ion Ratio Lower Upper
117 100
82 53.1 46.5 69.7
119 31.8 25.9 38.9

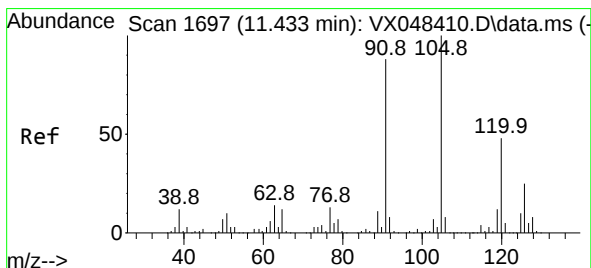
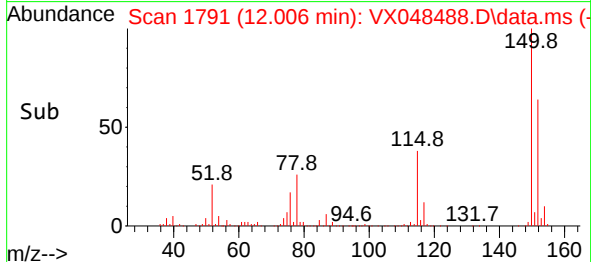
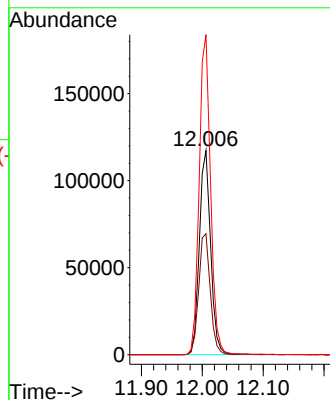
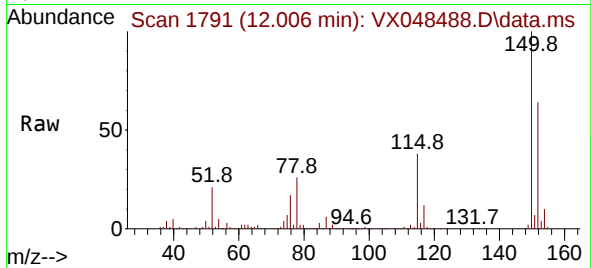




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX048488.D
 Acq: 04 Nov 2025 17:03

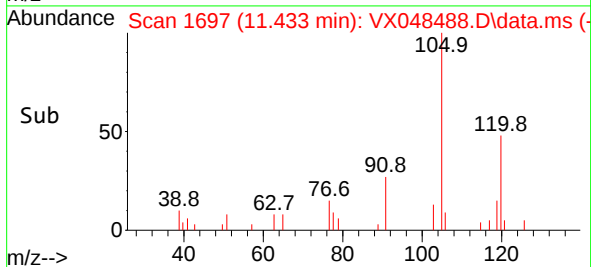
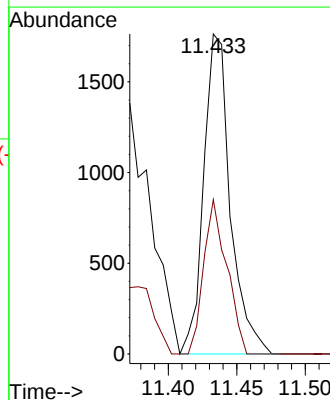
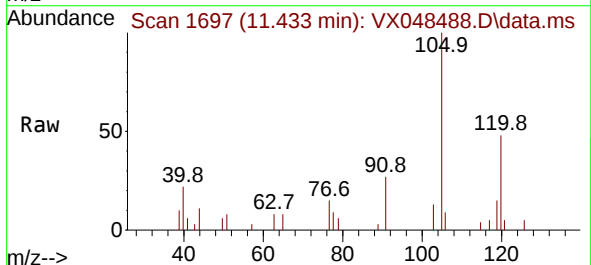
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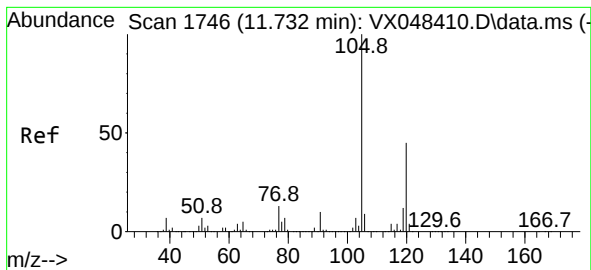
Tgt Ion:152 Resp: 151015
 Ion Ratio Lower Upper
 152 100
 115 60.7 43.1 129.4
 150 157.4 0.0 353.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.260 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: VX048488.D
 Acq: 04 Nov 2025 17:03

Tgt Ion:105 Resp: 2385
 Ion Ratio Lower Upper
 105 100
 120 42.0 24.0 72.0





#84

1,2,4-Trimethylbenzene

Concen: 0.777 ug/l

RT: 11.738 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048488.D

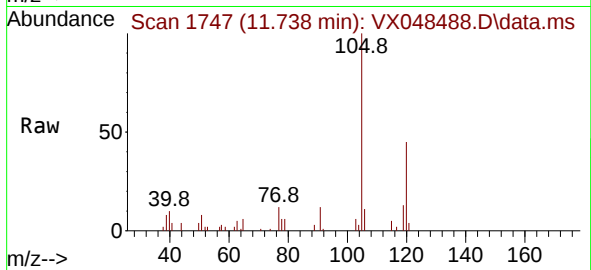
Acq: 04 Nov 2025 17:03

Instrument :

MSVOA_X

ClientSampleId :

MW-17-PURGE-WATER



Tgt Ion:105 Resp: 7048

Ion Ratio Lower Upper

105 100

120 47.3 22.1 66.5

