

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110425\
 Data File : VX048484.D
 Acq On : 04 Nov 2025 15:11
 Operator : JC/MD
 Sample : Q3511-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-002

Quant Time: Nov 05 03:27:03 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)

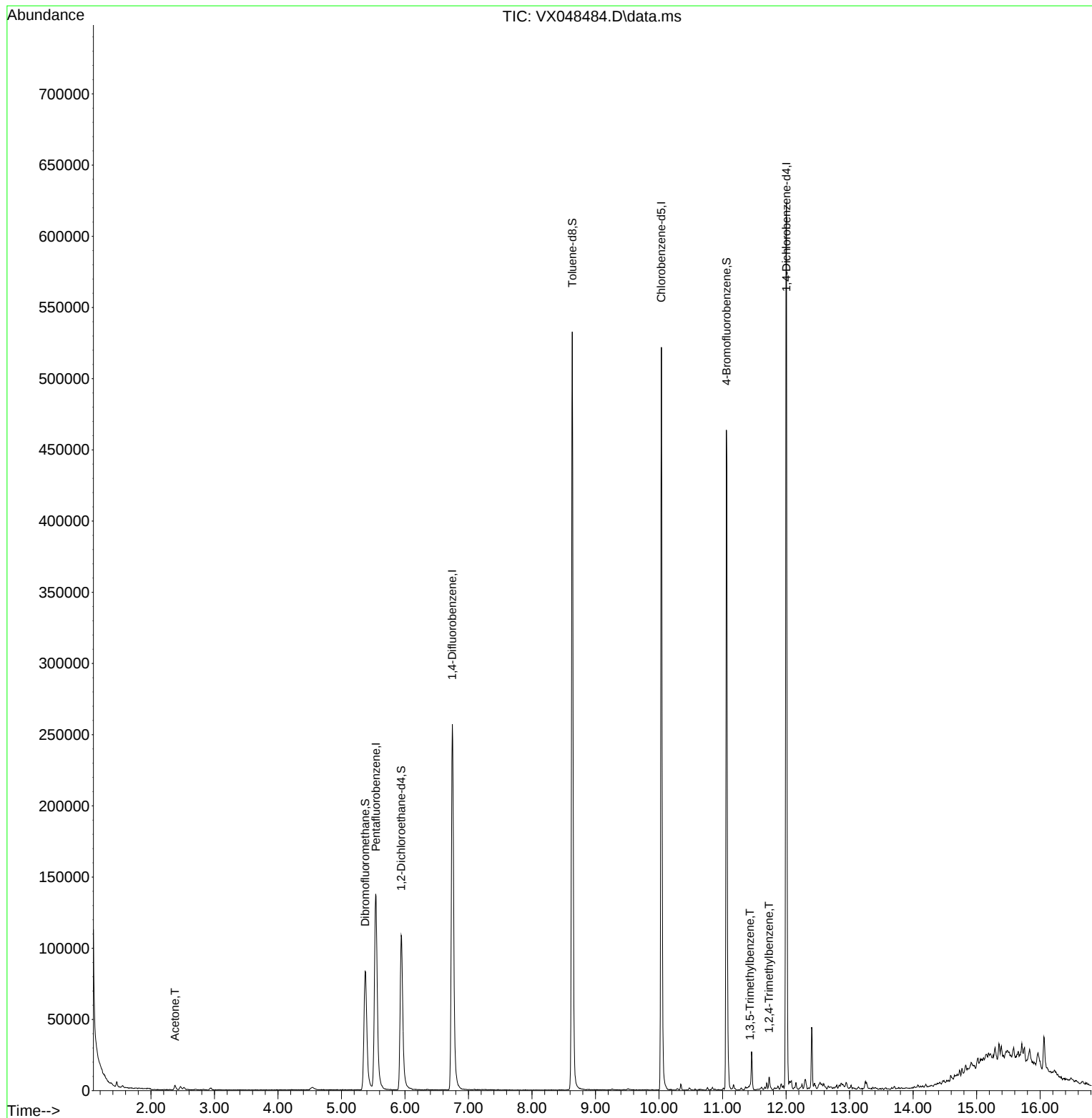
Internal Standards						
1) Pentafluorobenzene	5.544	168	142347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	286906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	123426	60.291	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.580%#		
35) Dibromofluoromethane	5.373	113	83601	51.108	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.220%		
50) Toluene-d8	8.634	98	342920	47.492	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.980%		
62) 4-Bromofluorobenzene	11.061	95	136802	50.647	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.300%		
Target Compounds						
						Qvalue
16) Acetone	2.380	43	4123	8.886	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	1764	0.202	ug/l	94
84) 1,2,4-Trimethylbenzene	11.731	105	4269	0.495	ug/l	90

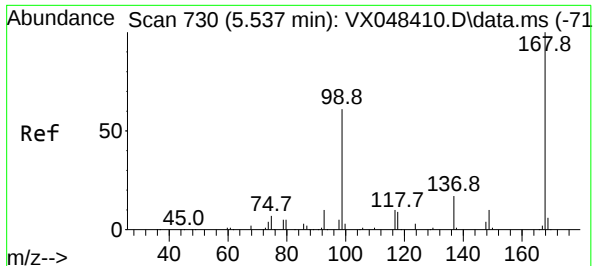
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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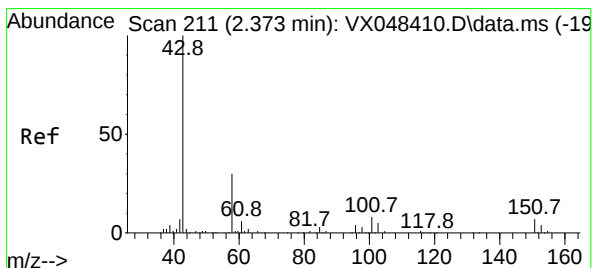
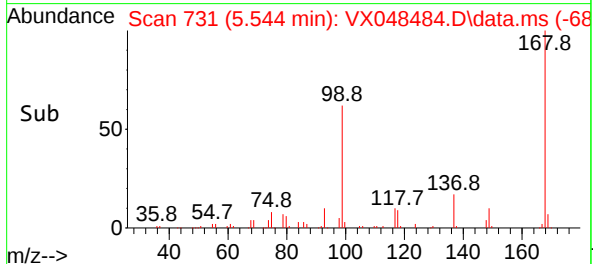
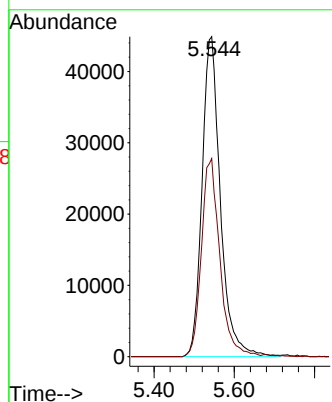
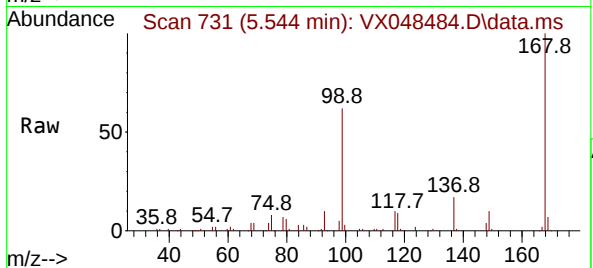




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX048484.D
Acq: 04 Nov 2025 15:11

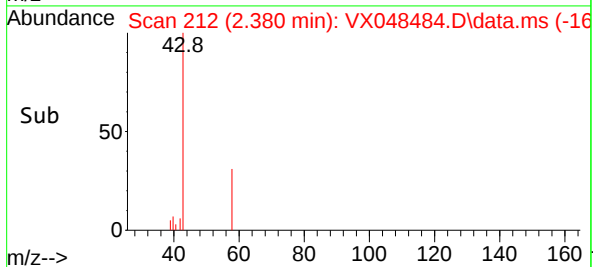
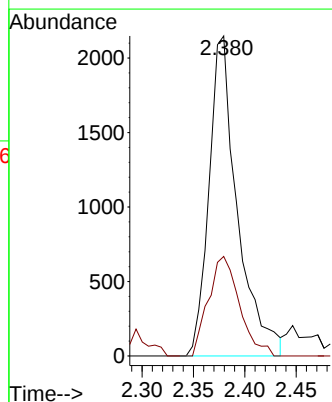
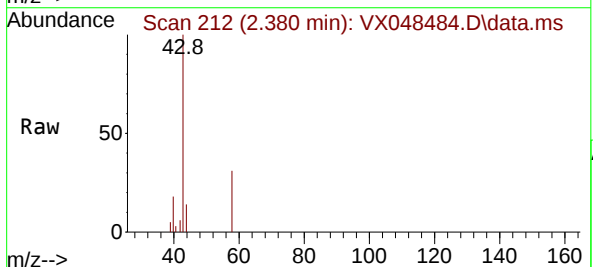
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-002

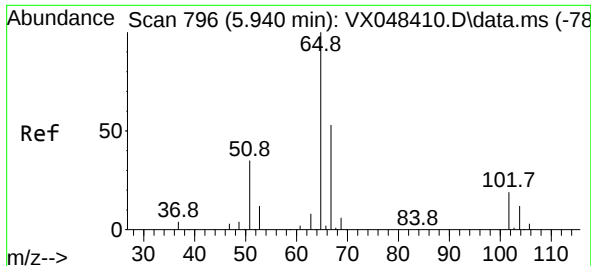
Tgt Ion:168 Resp: 142347
Ion Ratio Lower Upper
168 100
99 61.9 46.4 69.6



#16
Acetone
Concen: 8.886 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048484.D
Acq: 04 Nov 2025 15:11

Tgt Ion: 43 Resp: 4123
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 60.291 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048484.D

Acq: 04 Nov 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

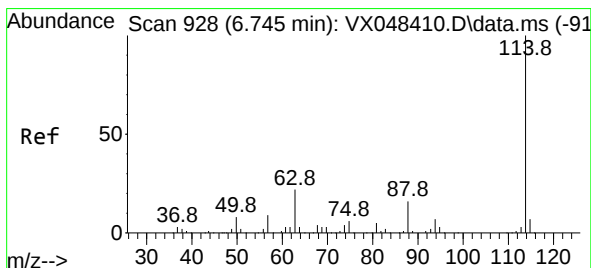
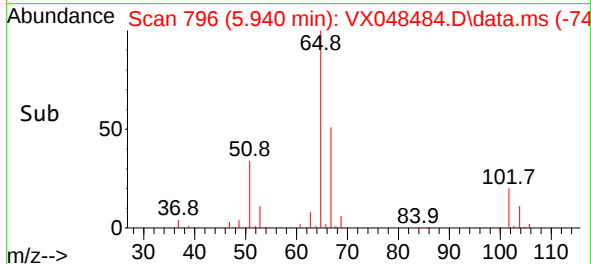
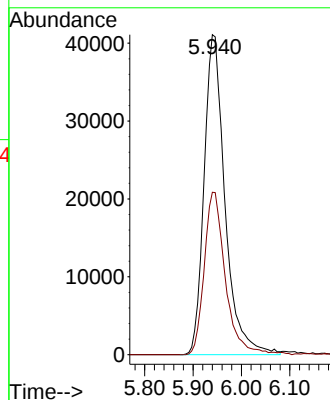
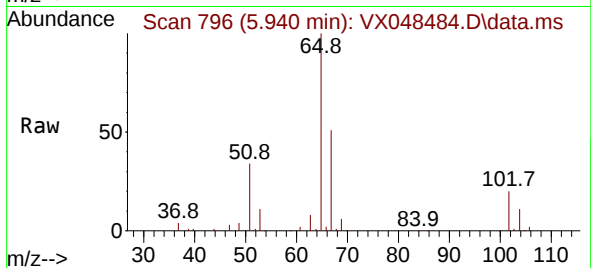
OUTFALL-002

Tgt Ion: 65 Resp: 123426

Ion Ratio Lower Upper

65 100

67 51.3 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: VX048484.D

Acq: 04 Nov 2025 15:11

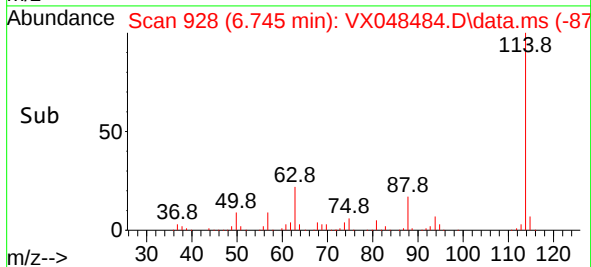
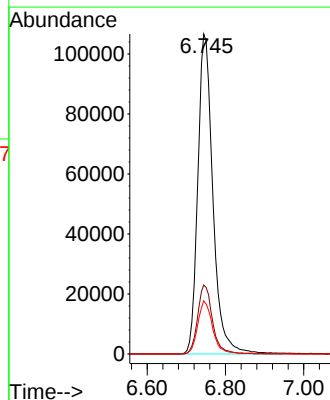
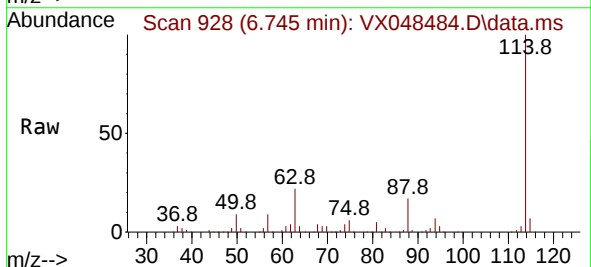
Tgt Ion: 114 Resp: 286906

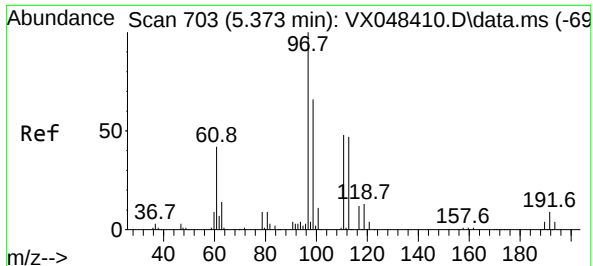
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.108 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048484.D

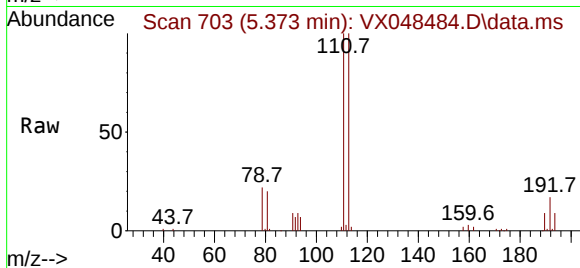
Acq: 04 Nov 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL-002



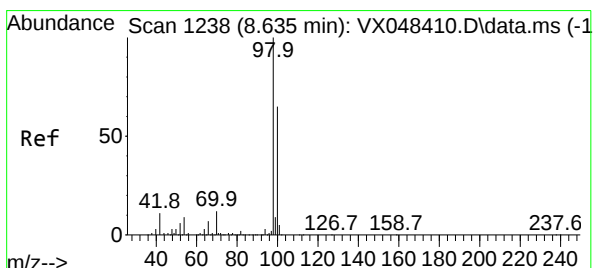
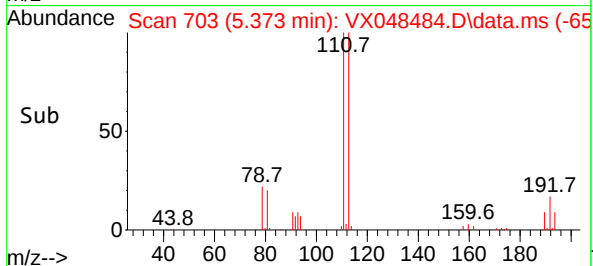
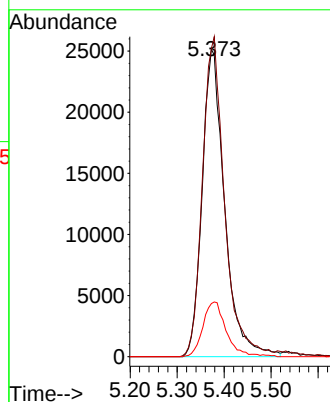
Tgt Ion:113 Resp: 83601

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.5 15.1 22.7



#50

Toluene-d8

Concen: 47.492 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048484.D

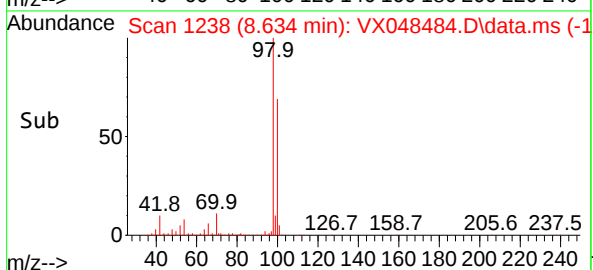
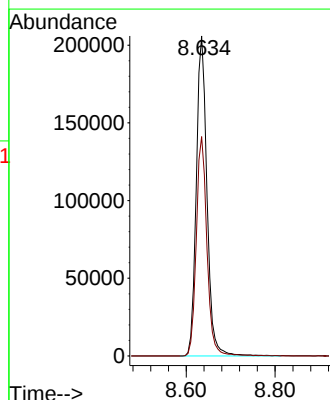
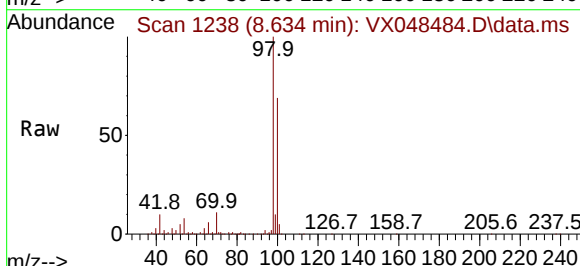
Acq: 04 Nov 2025 15:11

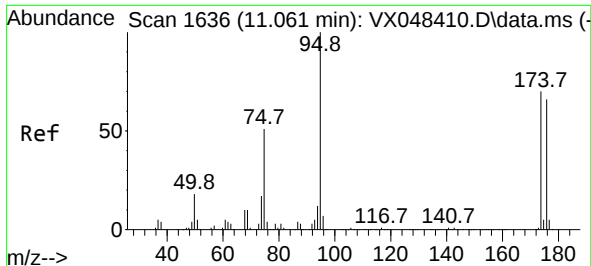
Tgt Ion: 98 Resp: 342920

Ion Ratio Lower Upper

98 100

100 68.3 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 50.647 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048484.D

Acq: 04 Nov 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL-002

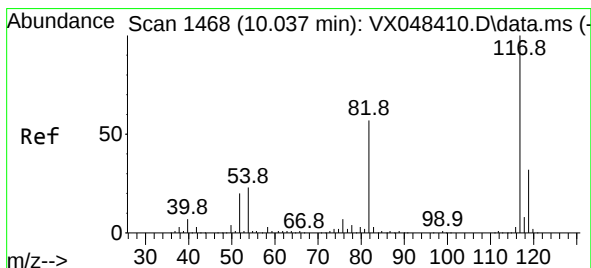
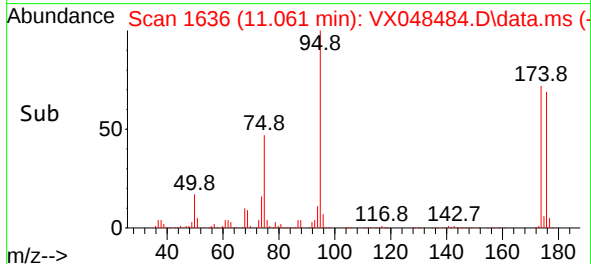
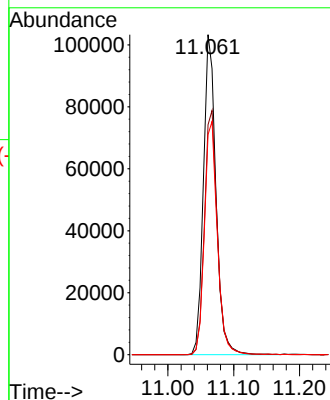
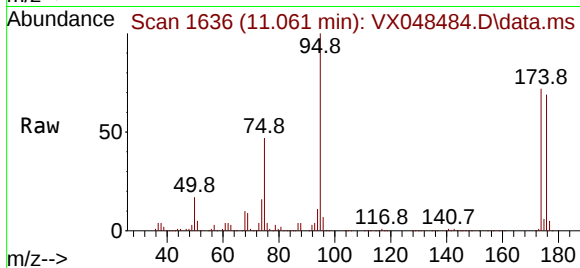
Tgt Ion: 95 Resp: 136802

Ion Ratio Lower Upper

95 100

174 78.9 0.0 147.8

176 75.1 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: VX048484.D

Acq: 04 Nov 2025 15:11

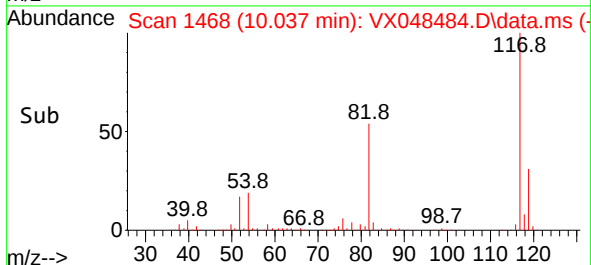
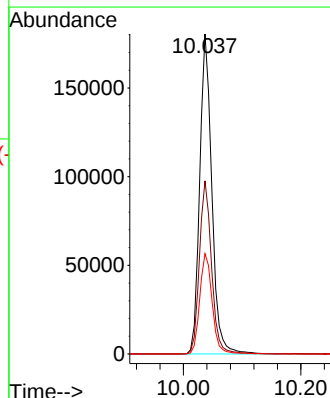
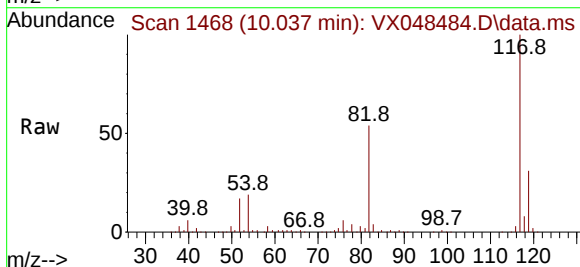
Tgt Ion: 117 Resp: 258868

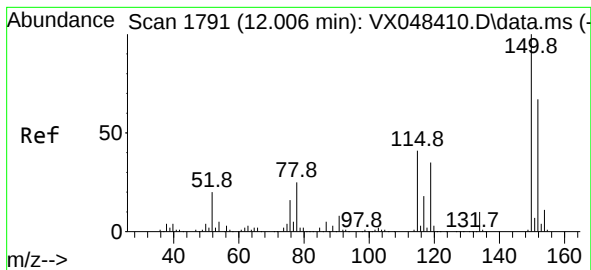
Ion Ratio Lower Upper

117 100

82 54.1 46.5 69.7

119 31.4 25.9 38.9

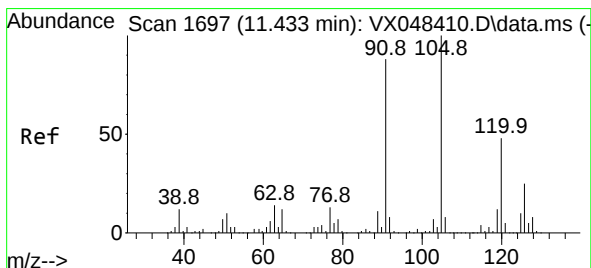
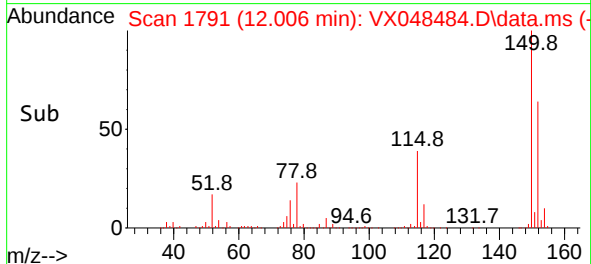
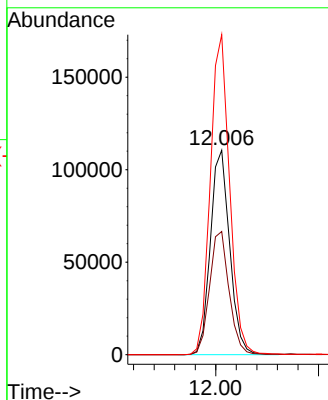
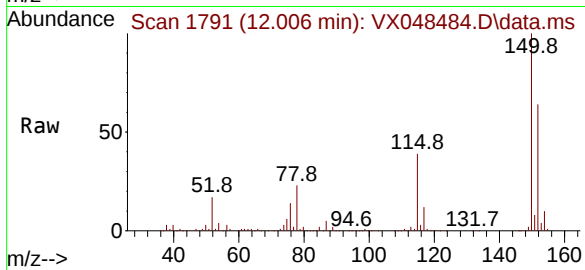




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048484.D
 Acq: 04 Nov 2025 15:11

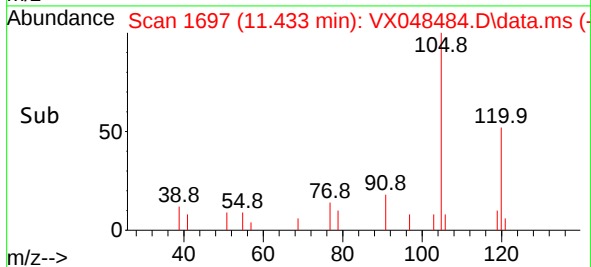
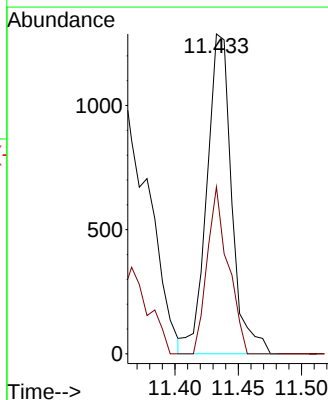
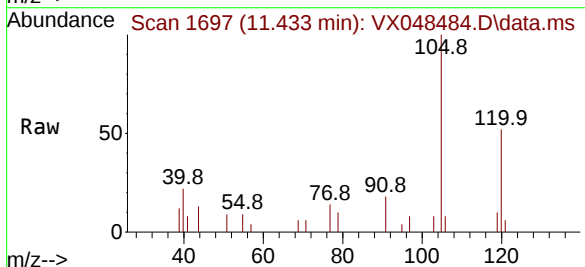
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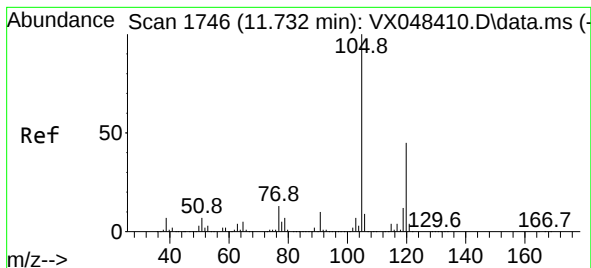
Tgt Ion:152 Resp: 143765
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.1 129.4
 150 156.4 0.0 353.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.202 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VX048484.D
 Acq: 04 Nov 2025 15:11

Tgt Ion:105 Resp: 1764
 Ion Ratio Lower Upper
 105 100
 120 43.9 24.0 72.0





#84

1,2,4-Trimethylbenzene

Concen: 0.495 ug/l

RT: 11.731 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048484.D

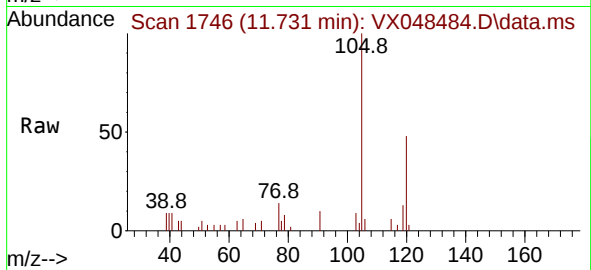
Acq: 04 Nov 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL-002



Tgt Ion:105 Resp: 4269

Ion Ratio Lower Upper

105 100

120 50.8 22.1 66.5

