

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048455.D
 Acq On : 03 Nov 2025 14:39
 Operator : JC/MD
 Sample : Q3511-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-001

Quant Time: Nov 04 00:13:58 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)

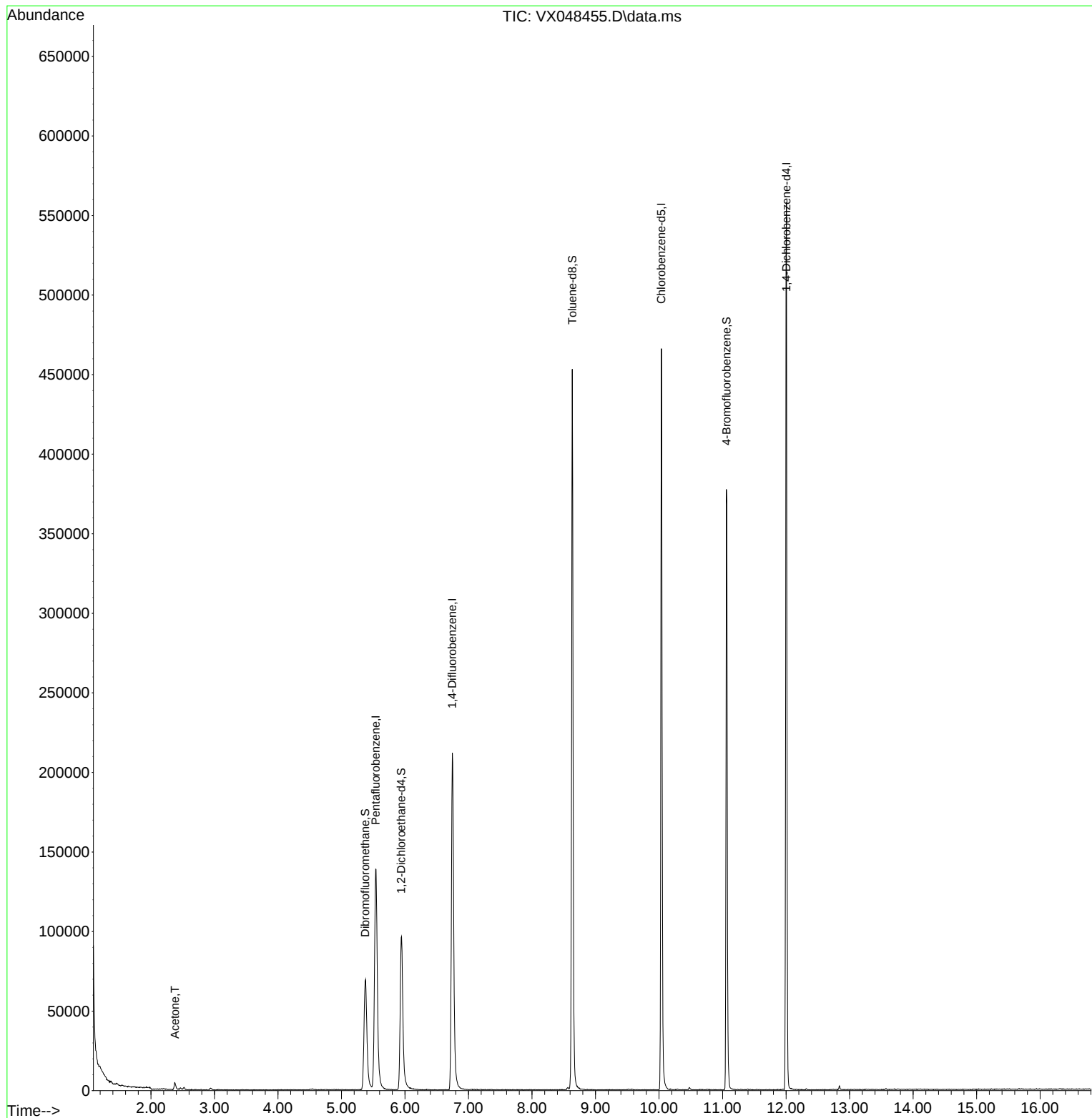
Internal Standards						
1) Pentafluorobenzene	5.537	168	151059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	227617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	210441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108164	49.789	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.580%
35) Dibromofluoromethane	5.373	113	71016	54.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.440%
50) Toluene-d8	8.634	98	267143	46.634	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.260%
62) 4-Bromofluorobenzene	11.061	95	106355	49.631	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%
Target Compounds						
16) Acetone	2.379	43	5697	11.570	ug/l	Qvalue 95

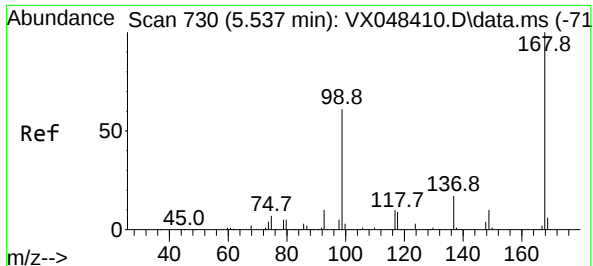
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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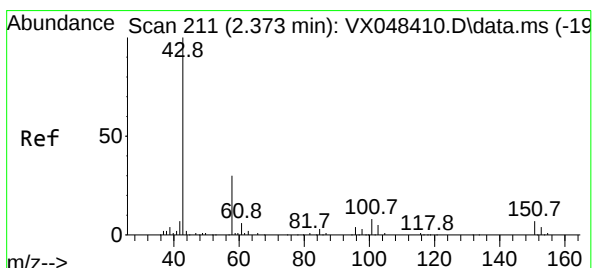
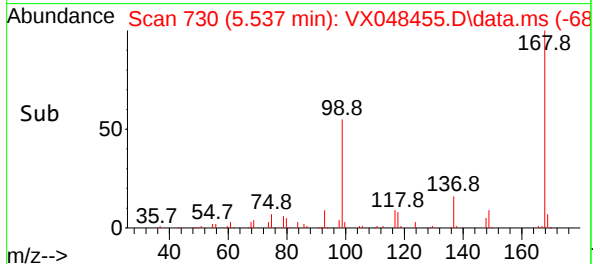
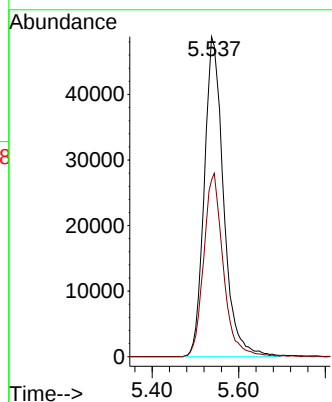
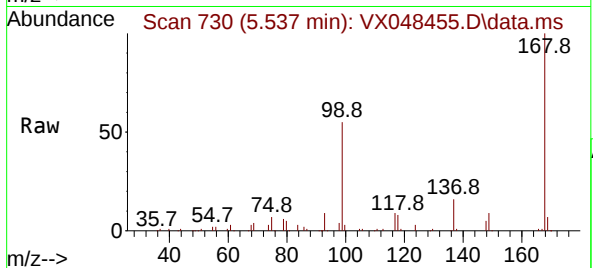




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

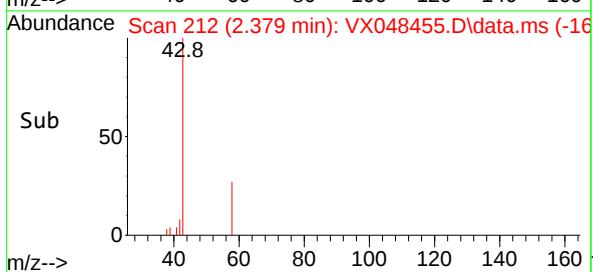
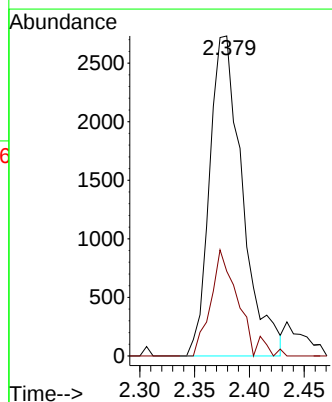
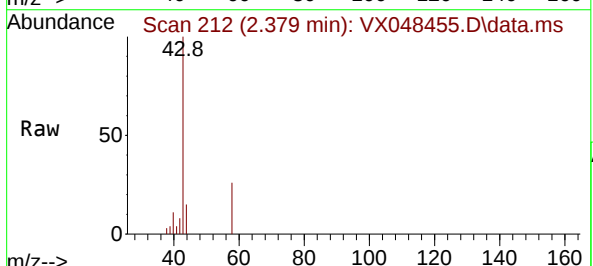
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-001

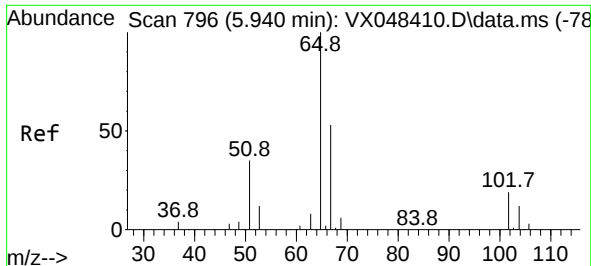
Tgt Ion:168 Resp: 151059
Ion Ratio Lower Upper
168 100
99 55.2 46.4 69.6



#16
Acetone
Concen: 11.570 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

Tgt Ion: 43 Resp: 5697
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.2

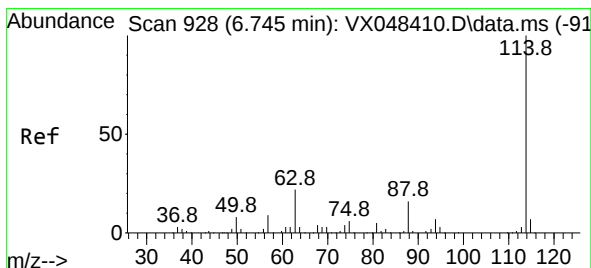
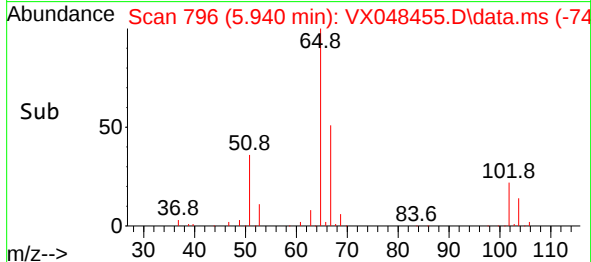
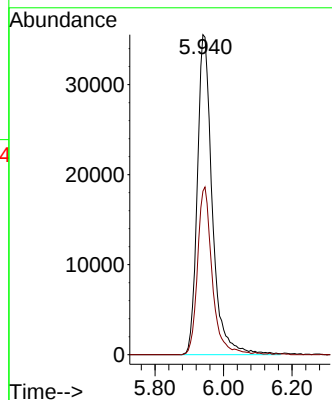
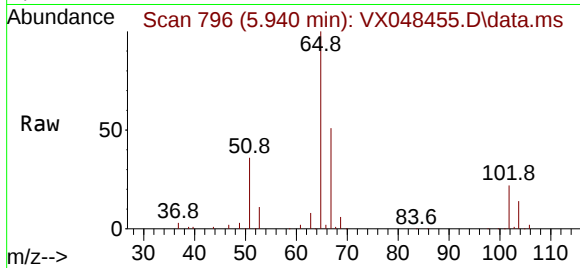




#33
 1,2-Dichloroethane-d4
 Concen: 49.789 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048455.D
 Acq: 03 Nov 2025 14:39

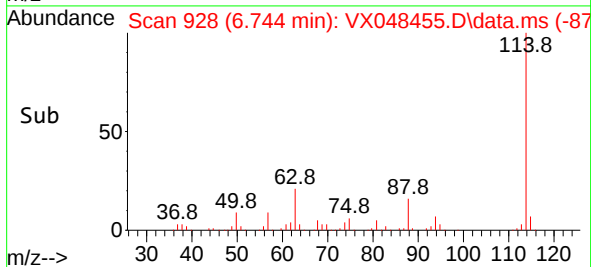
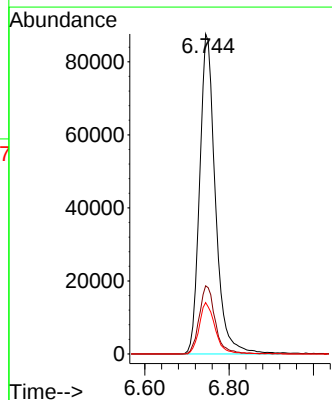
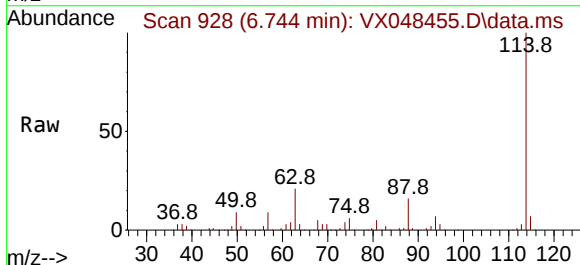
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-001

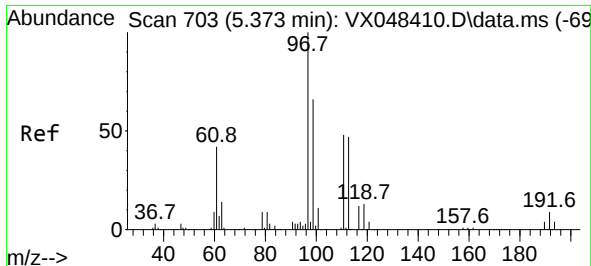
Tgt Ion: 65 Resp: 108164
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.744 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048455.D
 Acq: 03 Nov 2025 14:39

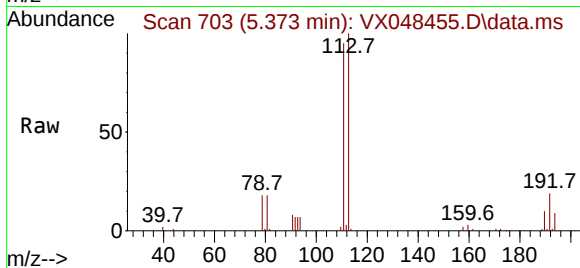
Tgt Ion: 114 Resp: 227617
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.0 0.0 33.6



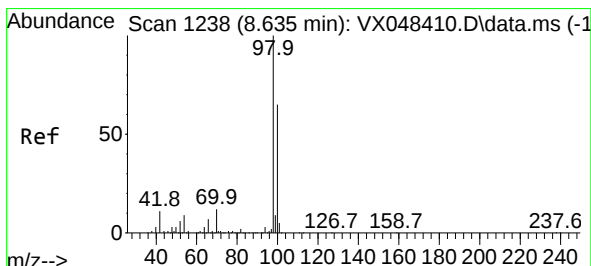
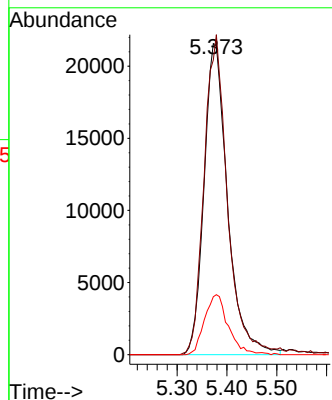
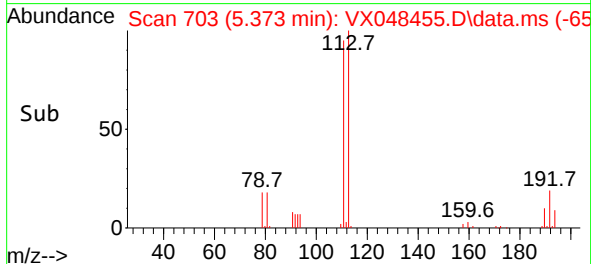


#35
Dibromofluoromethane
Concen: 54.723 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-001

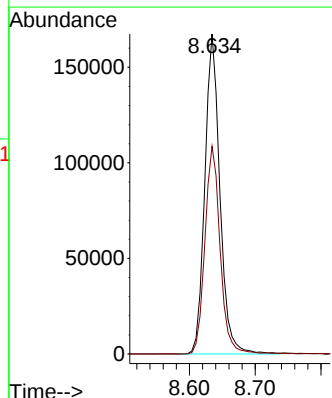
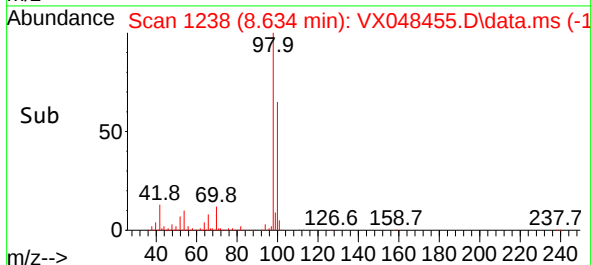
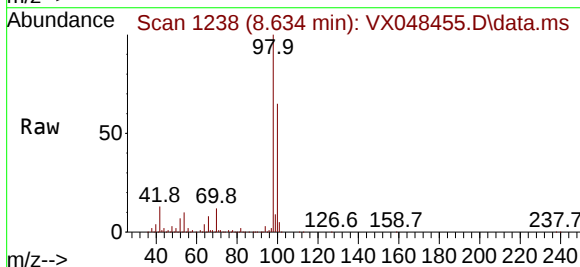


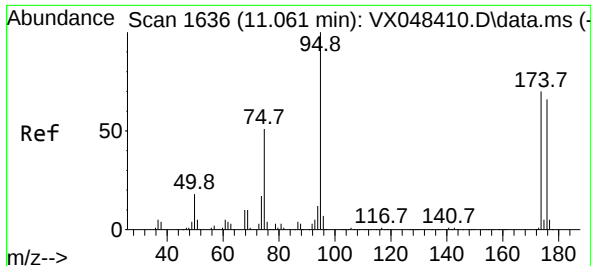
Tgt Ion:113 Resp: 71016
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 19.4 15.1 22.7



#50
Toluene-d8
Concen: 46.634 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

Tgt Ion: 98 Resp: 267143
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4

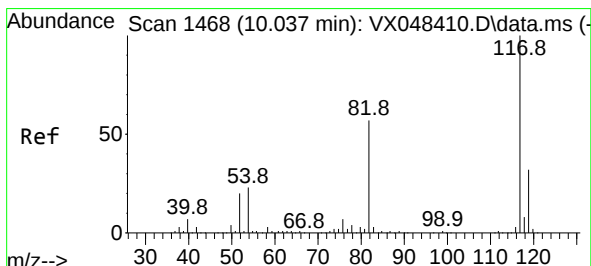
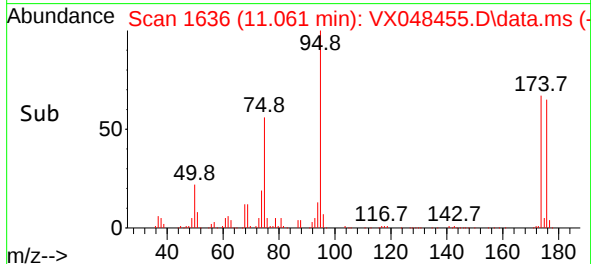
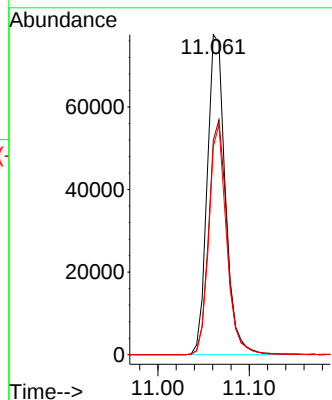
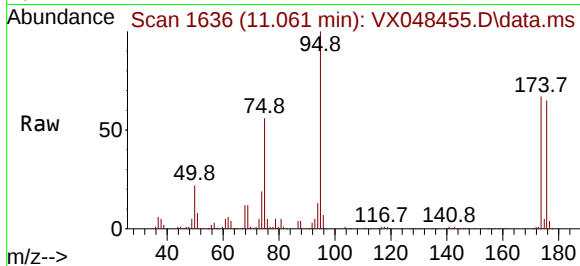




#62
4-Bromofluorobenzene
Concen: 49.631 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

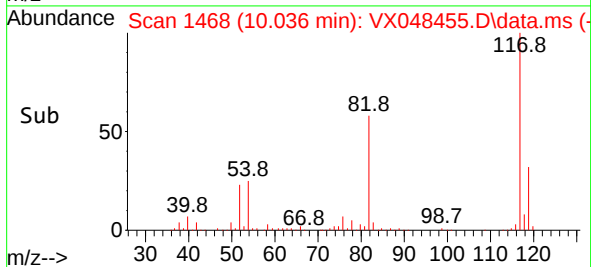
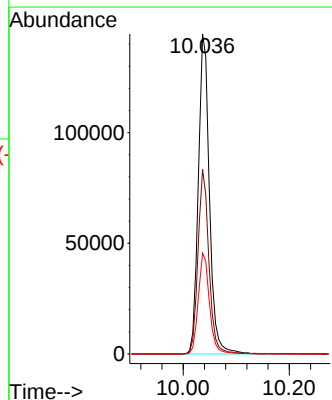
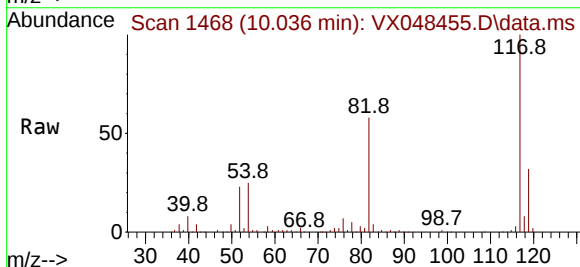
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-001

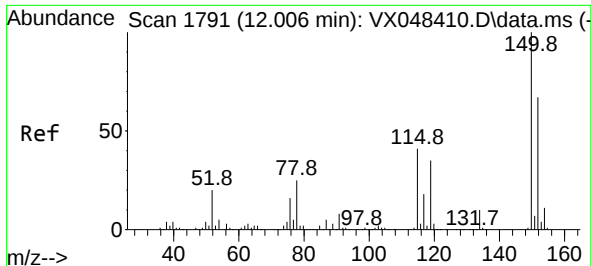
Tgt Ion: 95 Resp: 106355
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 70.1 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048455.D
Acq: 03 Nov 2025 14:39

Tgt Ion: 117 Resp: 210441
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 31.6 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: VX048455.D

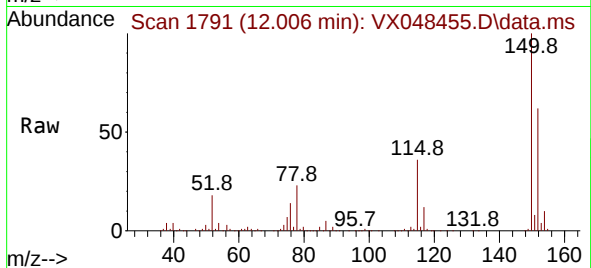
Acq: 03 Nov 2025 14:39

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL-001



Tgt Ion:152 Resp: 122955

Ion Ratio Lower Upper

152 100

115 58.7 43.1 129.4

150 157.8 0.0 353.0

