

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048454.D
 Acq On : 03 Nov 2025 14:18
 Operator : JC/MD
 Sample : Q3510-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-002

Quant Time: Nov 04 00:13:37 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)

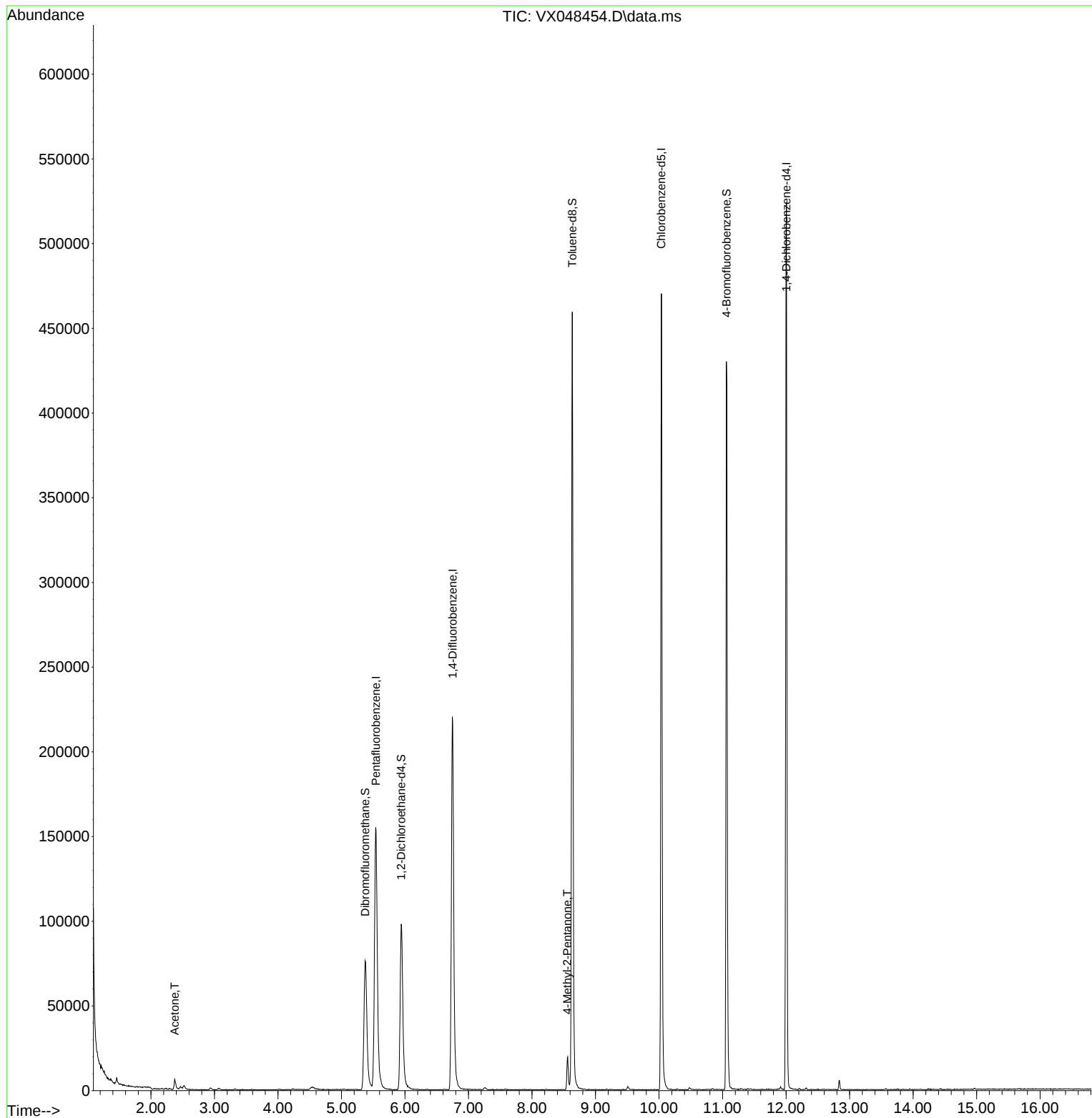
Internal Standards						
1) Pentafluorobenzene	5.543	168	163899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	238252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	215714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112783	47.848	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.700%
35) Dibromofluoromethane	5.373	113	78373	57.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.400%
50) Toluene-d8	8.634	98	275469	45.941	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.880%#
62) 4-Bromofluorobenzene	11.061	95	128025	57.076	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.160%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	7770	14.544	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	13095	7.333	ug/l	96

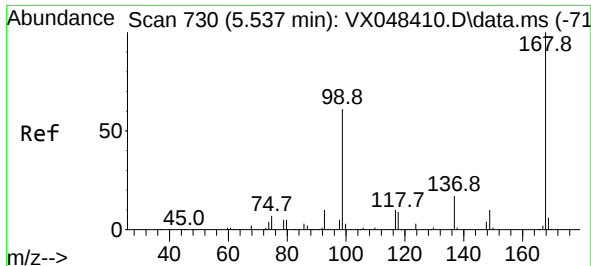
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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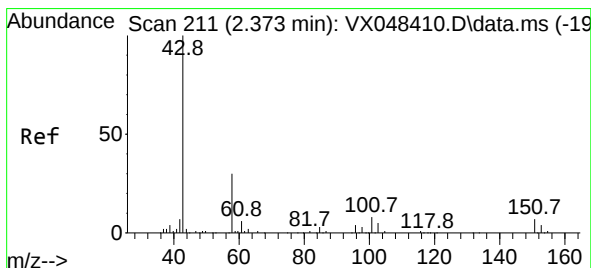
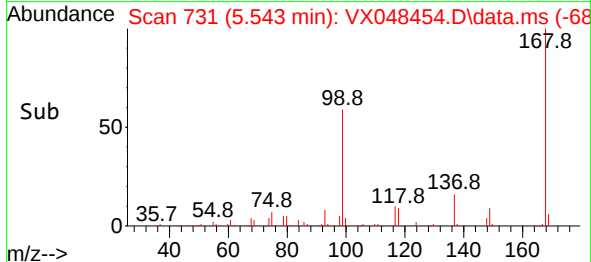
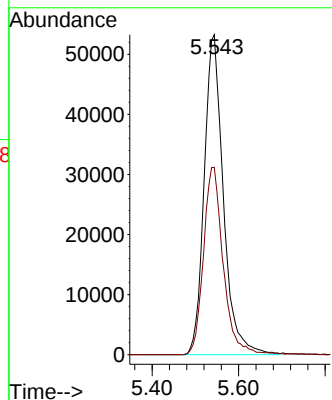
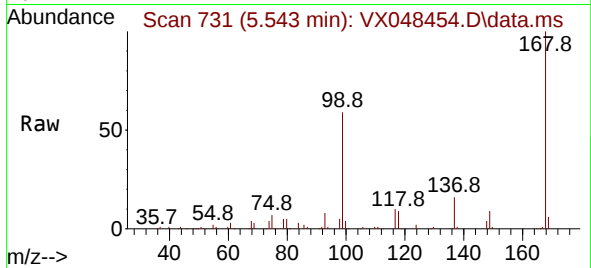




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048454.D
Acq: 03 Nov 2025 14:18

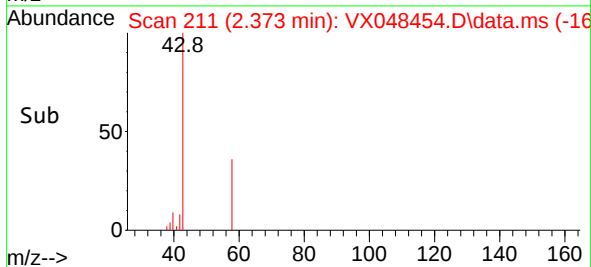
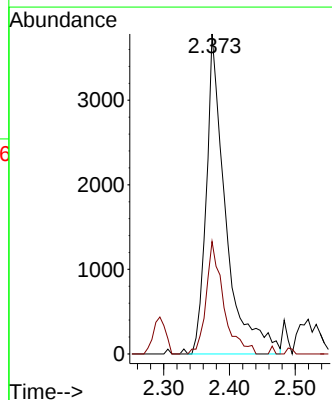
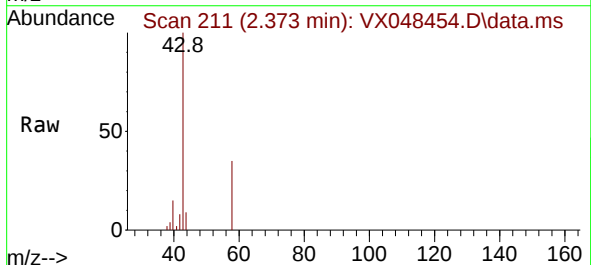
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-002

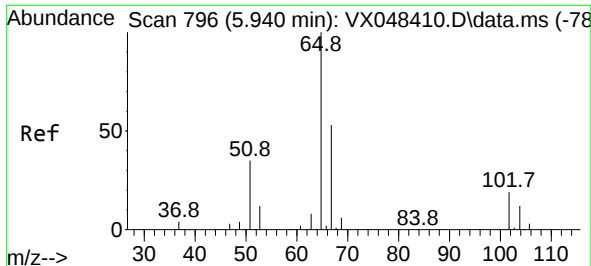
Tgt Ion:168 Resp: 163899
Ion Ratio Lower Upper
168 100
99 58.5 46.4 69.6



#16
Acetone
Concen: 14.544 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048454.D
Acq: 03 Nov 2025 14:18

Tgt Ion: 43 Resp: 7770
Ion Ratio Lower Upper
43 100
58 32.3 23.4 35.2

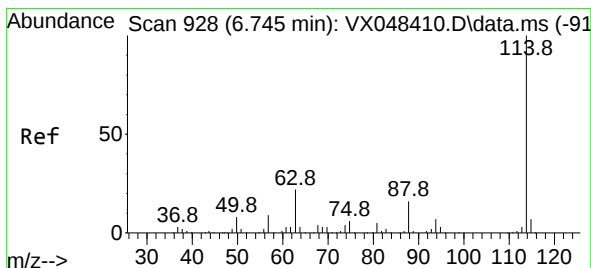
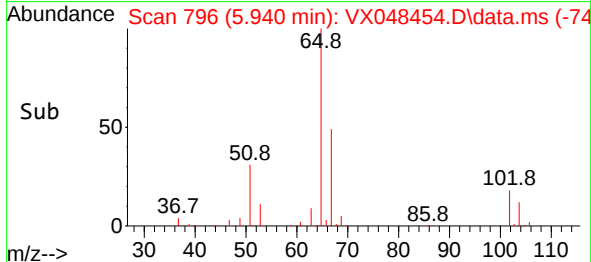
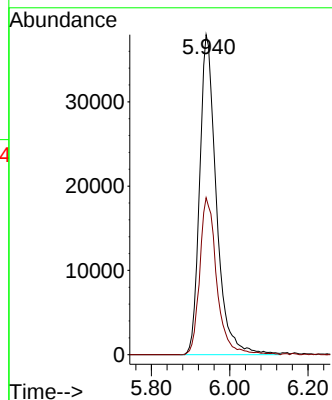
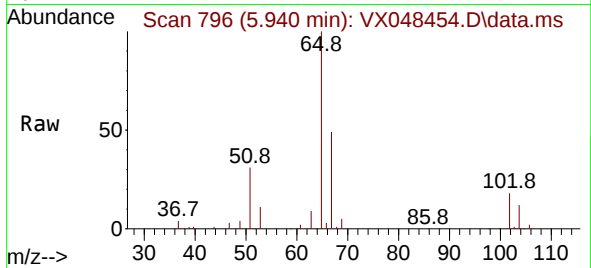




#33
 1,2-Dichloroethane-d4
 Concen: 47.848 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048454.D
 Acq: 03 Nov 2025 14:18

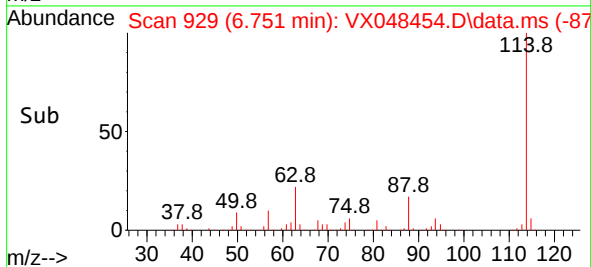
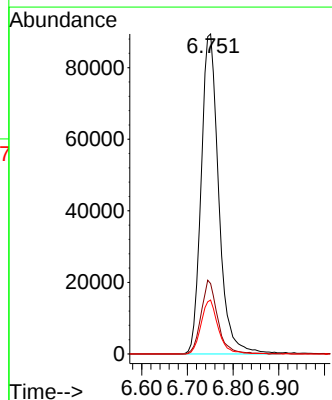
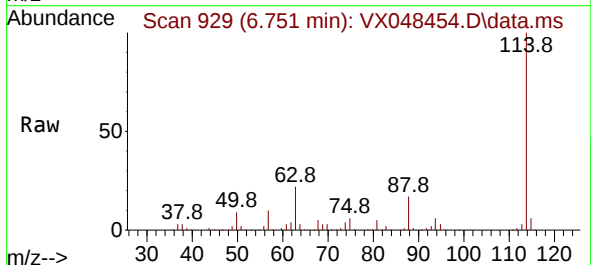
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-002

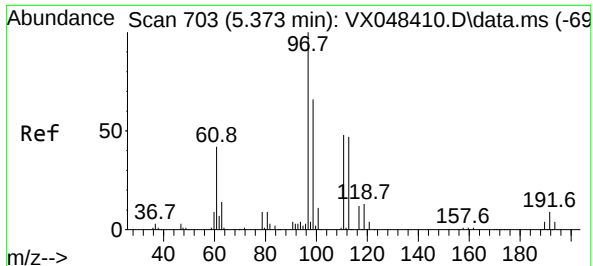
Tgt Ion: 65 Resp: 112783
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048454.D
 Acq: 03 Nov 2025 14:18

Tgt Ion: 114 Resp: 238252
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 57.697 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048454.D

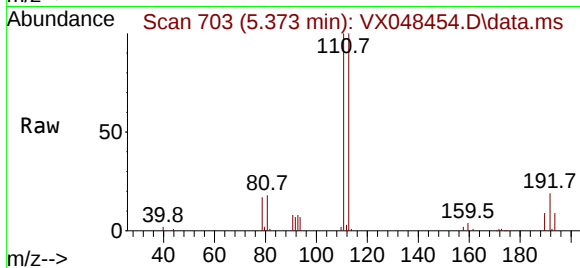
Acq: 03 Nov 2025 14:18

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL-002



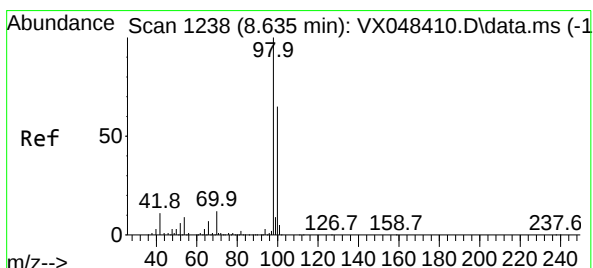
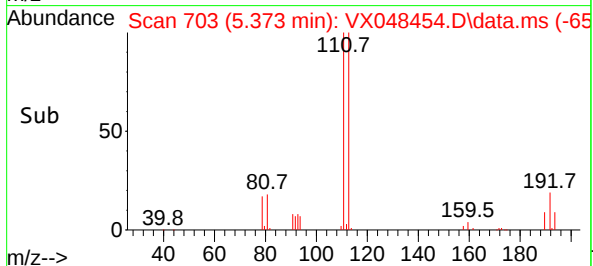
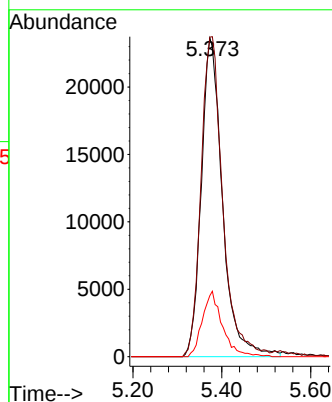
Tgt Ion:113 Resp: 78373

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 19.6 15.1 22.7



#50

Toluene-d8

Concen: 45.941 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048454.D

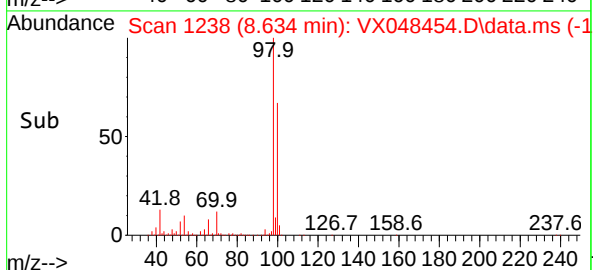
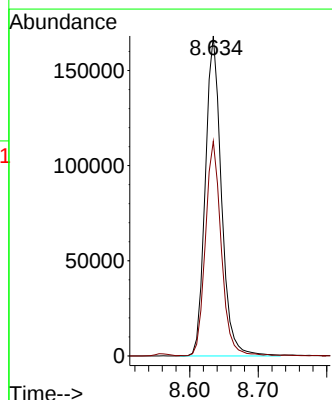
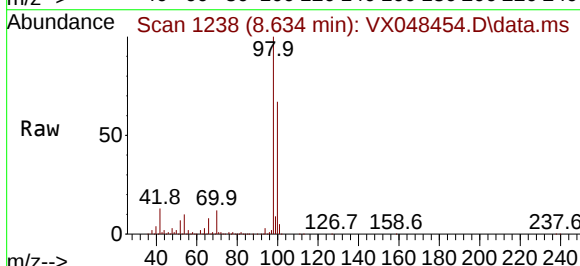
Acq: 03 Nov 2025 14:18

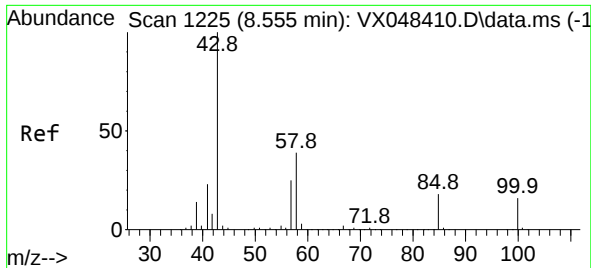
Tgt Ion: 98 Resp: 275469

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4

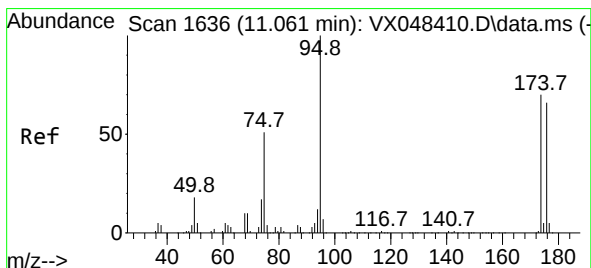
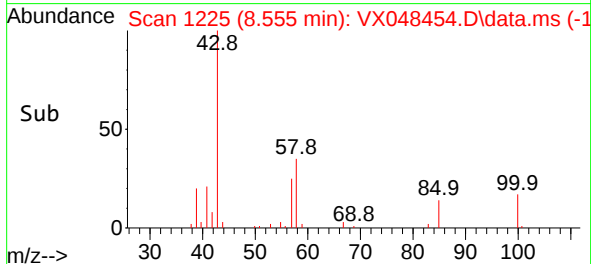
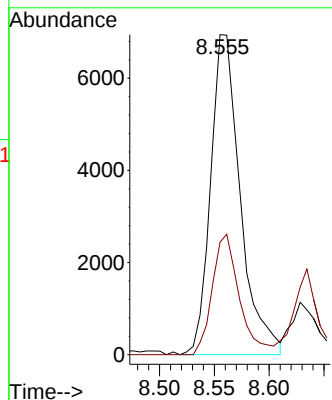
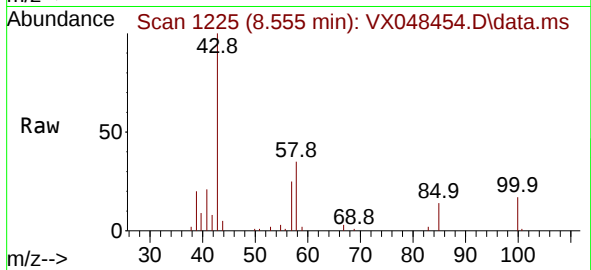




#51
4-Methyl-2-Pentanone
Concen: 7.333 ug/l
RT: 8.555 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048454.D
Acq: 03 Nov 2025 14:18

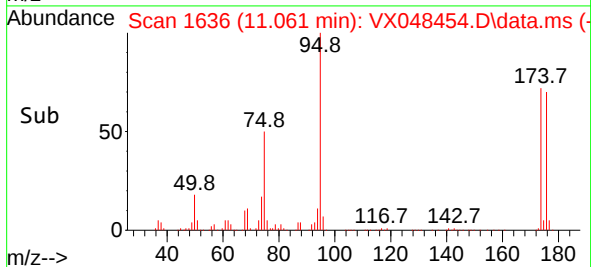
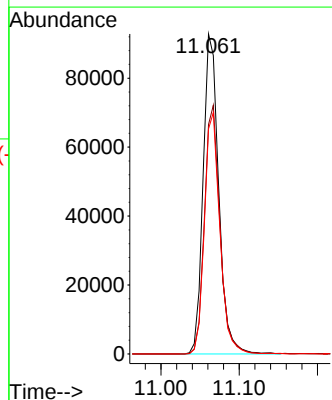
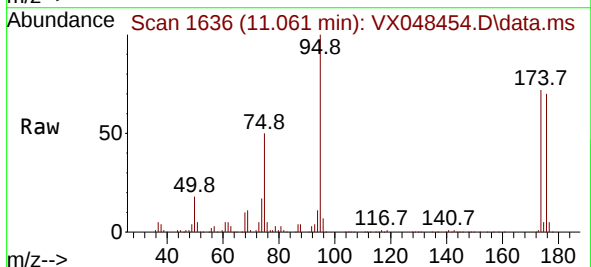
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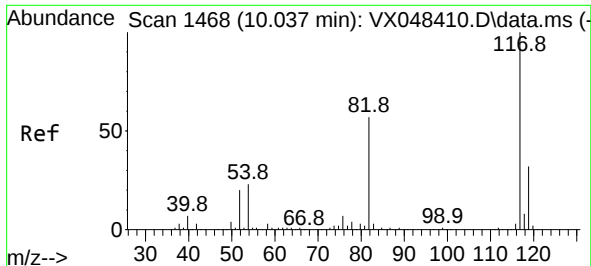
Tgt Ion: 43 Resp: 13095
Ion Ratio Lower Upper
43 100
58 34.4 29.5 44.3



#62
4-Bromofluorobenzene
Concen: 57.076 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048454.D
Acq: 03 Nov 2025 14:18

Tgt Ion: 95 Resp: 128025
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.8
176 74.8 0.0 142.8

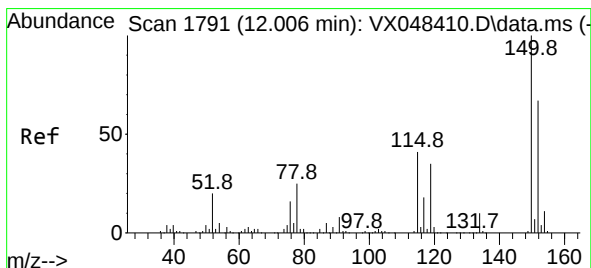
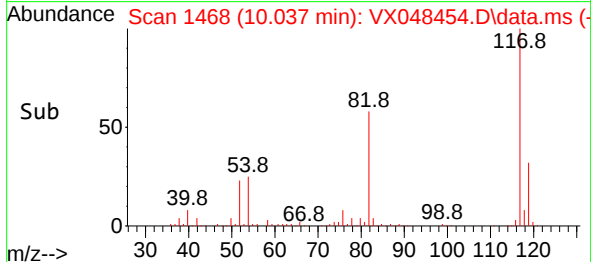
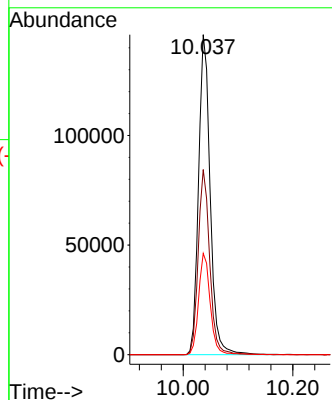
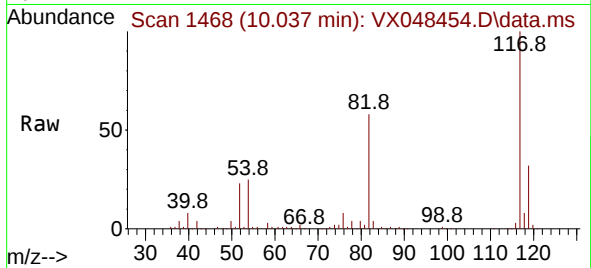




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048454.D
Acq: 03 Nov 2025 14:18

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-002

Tgt Ion:117 Resp: 215714
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 31.7 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: VX048454.D
Acq: 03 Nov 2025 14:18

Tgt Ion:152 Resp: 120385
Ion Ratio Lower Upper
152 100
115 59.6 43.1 129.4
150 154.6 0.0 353.0

