

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048833.D
 Acq On : 11 Dec 2025 17:42
 Operator : JC/MD
 Sample : Q3835-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-7-121025

Quant Time: Dec 11 23:54:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

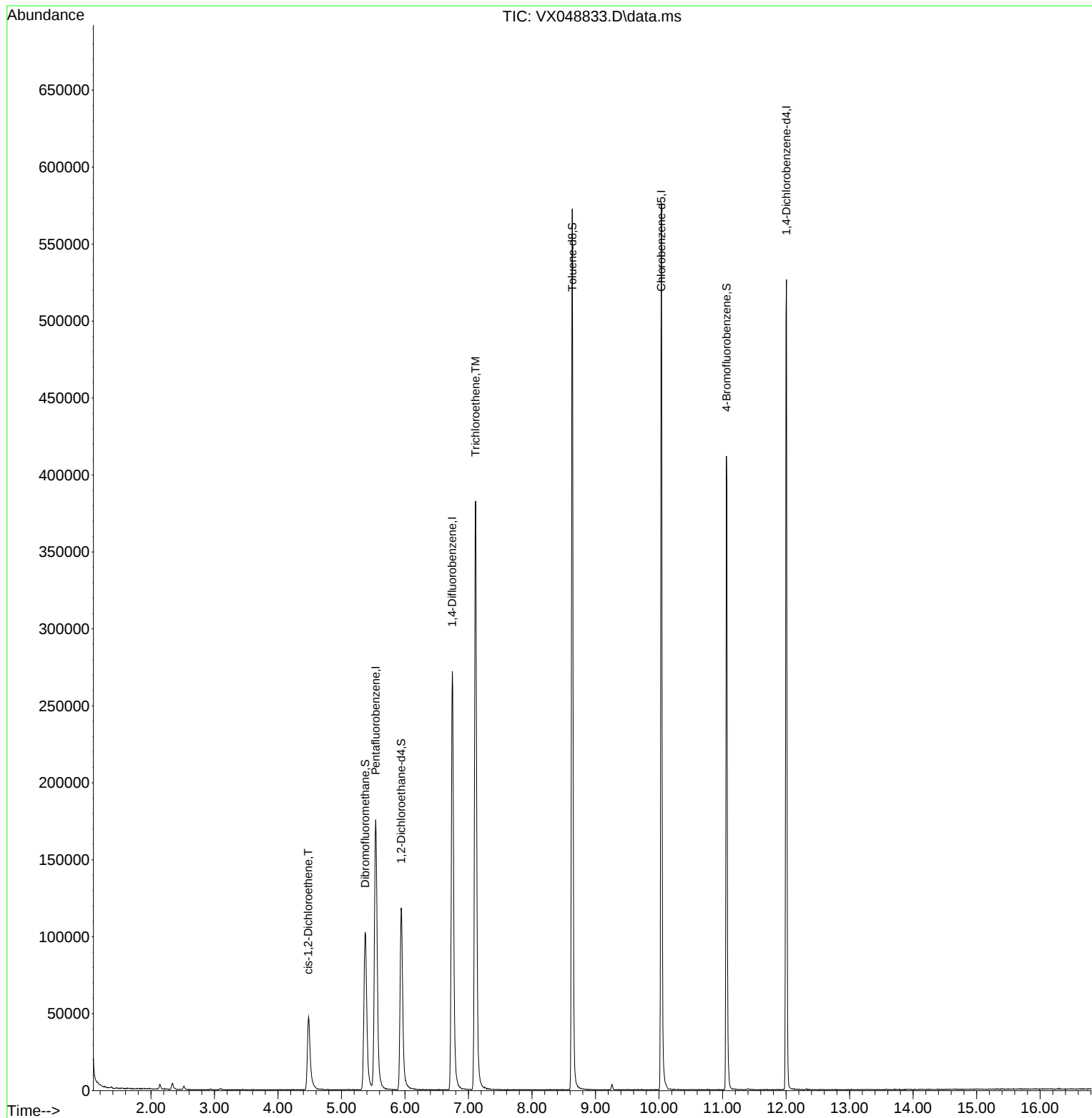
Internal Standards						
1) Pentafluorobenzene	5.538	168	184510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	305043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129122	52.140	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.280%	
35) Dibromofluoromethane	5.373	113	101843	48.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.980%	
50) Toluene-d8	8.635	98	366018	49.715	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.420%	
62) 4-Bromofluorobenzene	11.061	95	117797	46.399	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.800%	
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.477	96	35178	14.256	ug/l	94
44) Trichloroethene	7.111	130	164278	73.828	ug/l	95

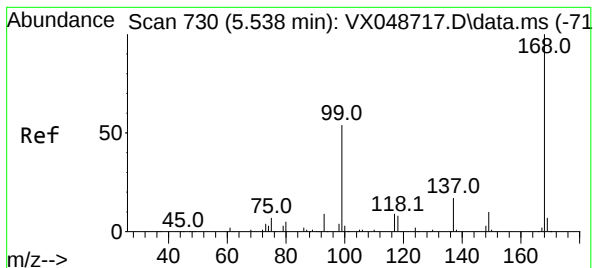
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX048833.D

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Instrument :

MSVOA_X

ClientSampleId :

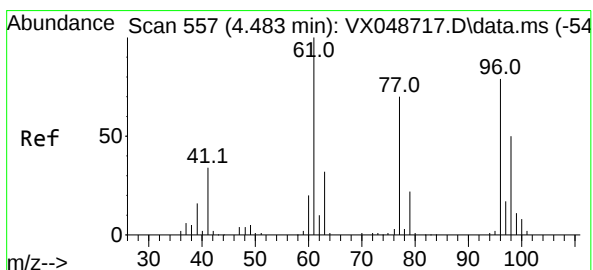
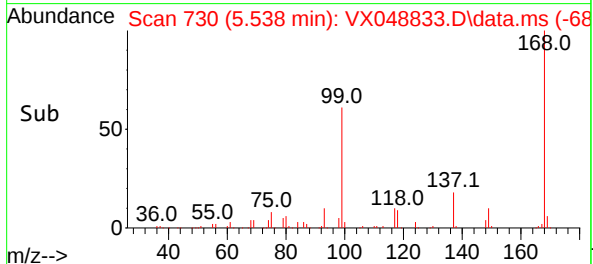
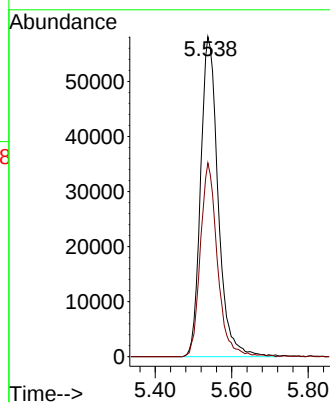
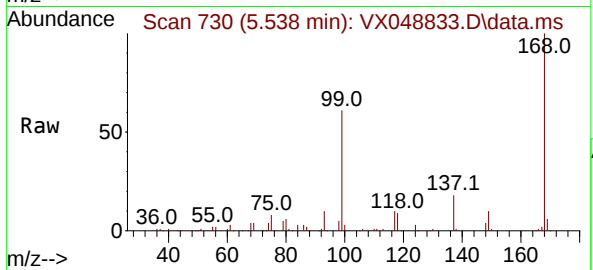
MW-01-7-121025

Tgt Ion:168 Resp: 184510

Ion Ratio Lower Upper

168 100

99 60.5 44.2 66.4



#27

cis-1,2-Dichloroethene

Concen: 14.256 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX048833.D

Acq: 11 Dec 2025 17:42

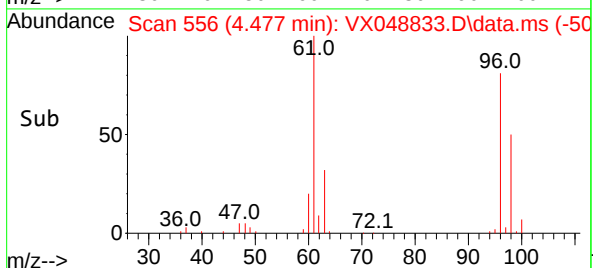
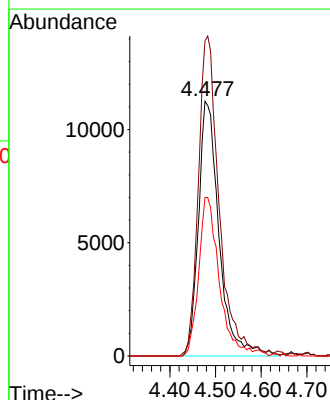
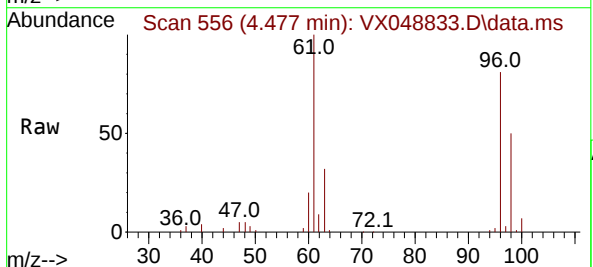
Tgt Ion: 96 Resp: 35178

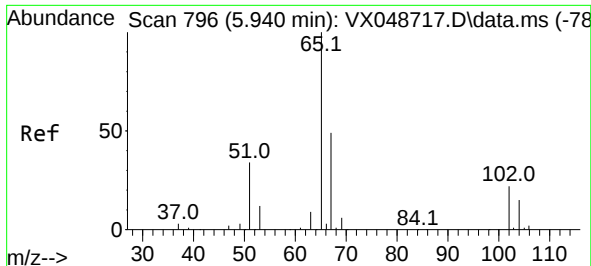
Ion Ratio Lower Upper

96 100

61 127.1 0.0 271.0

98 61.9 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 52.140 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048833.D

Acq: 11 Dec 2025 17:42

Instrument :

MSVOA_X

ClientSampleId :

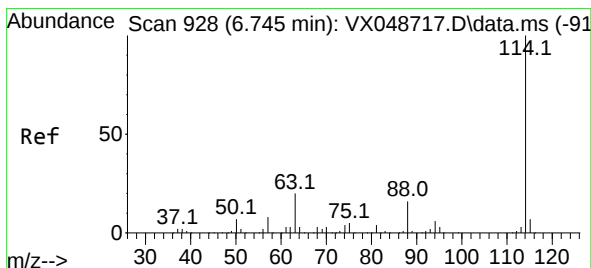
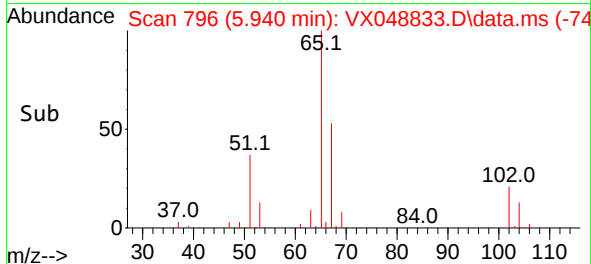
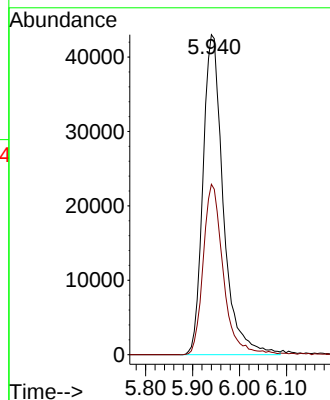
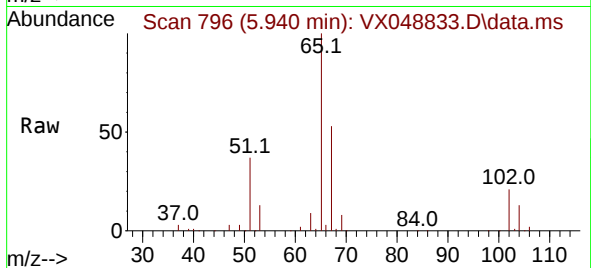
MW-01-7-121025

Tgt Ion: 65 Resp: 129122

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048833.D

Acq: 11 Dec 2025 17:42

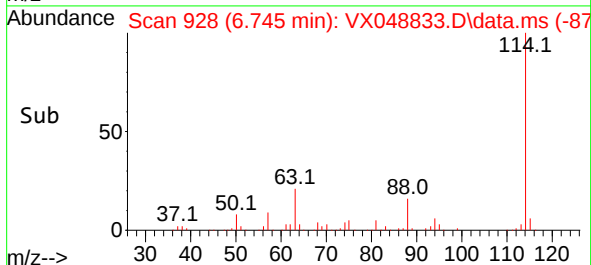
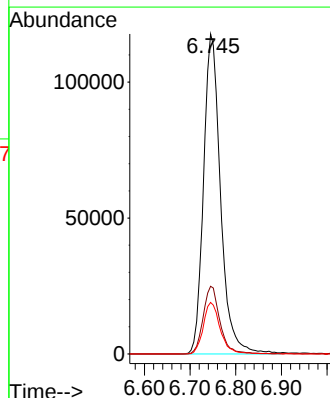
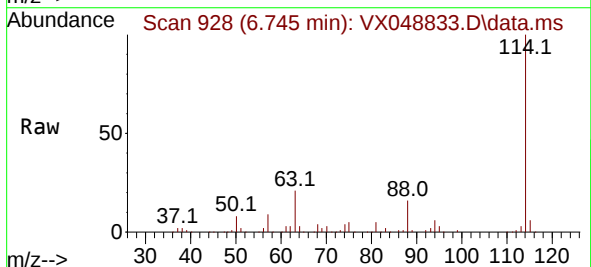
Tgt Ion: 114 Resp: 305043

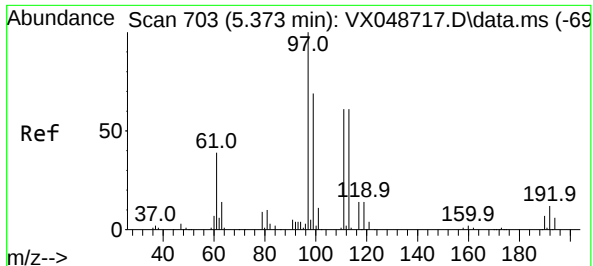
Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.489 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048833.D

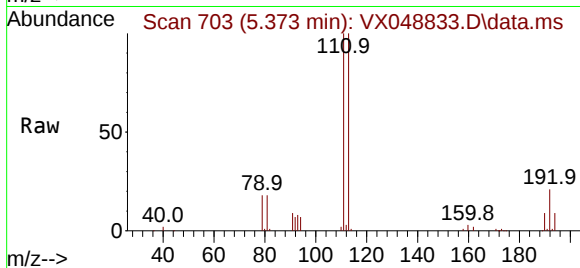
Acq: 11 Dec 2025 17:42

Instrument :

MSVOA_X

ClientSampleId :

MW-01-7-121025



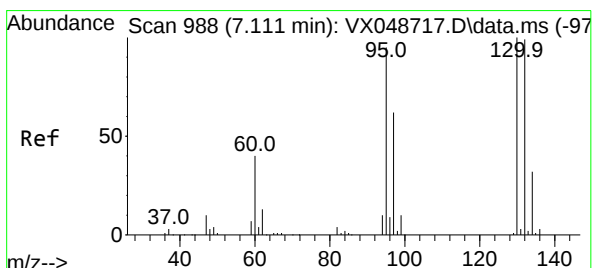
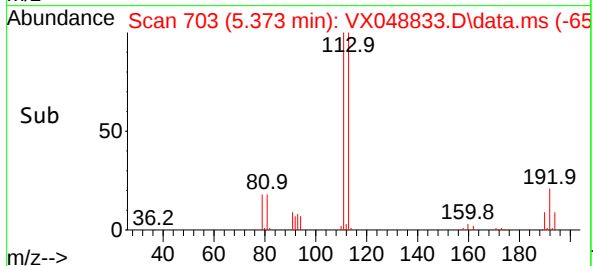
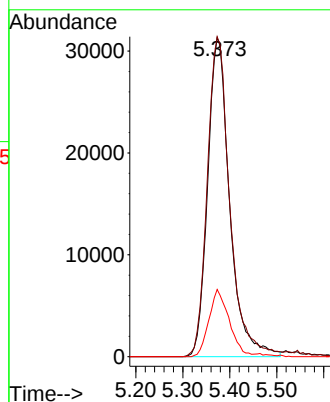
Tgt Ion:113 Resp: 101843

Ion Ratio Lower Upper

113 100

111 102.7 79.5 119.3

192 19.5 16.1 24.1



#44

Trichloroethene

Concen: 73.828 ug/l

RT: 7.111 min Scan# 988

Delta R.T. 0.000 min

Lab File: VX048833.D

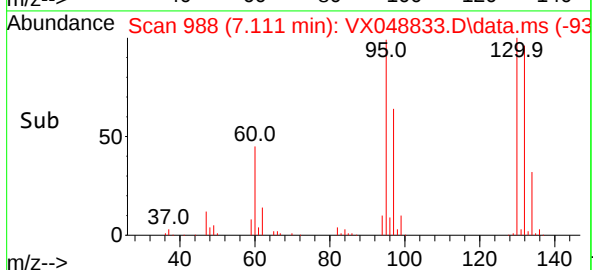
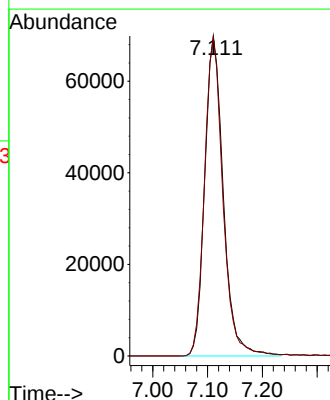
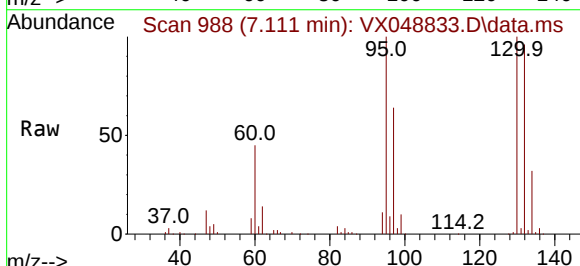
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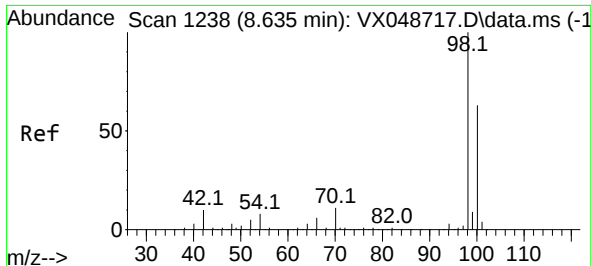
Tgt Ion:130 Resp: 164278

Ion Ratio Lower Upper

130 100

95 99.5 0.0 189.6

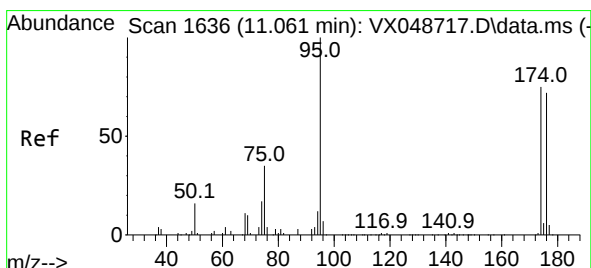
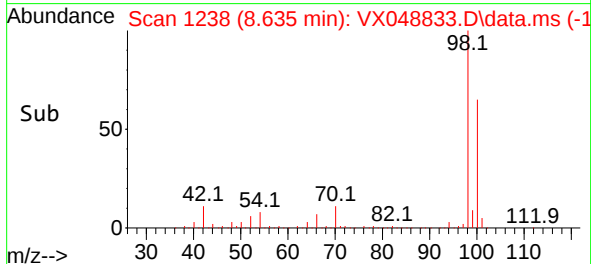
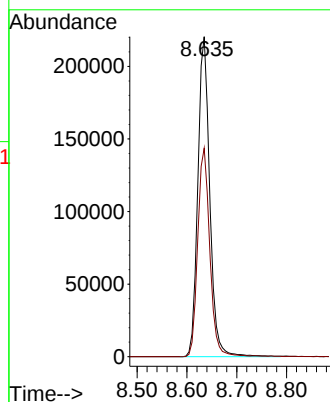
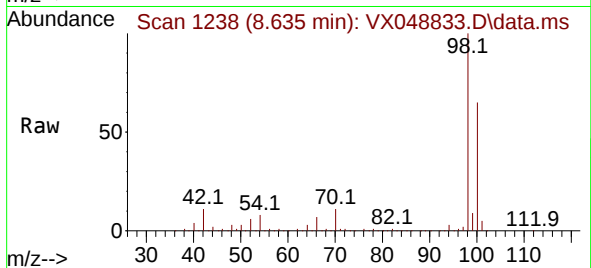




#50
Toluene-d8
Concen: 49.715 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048833.D
Acq: 11 Dec 2025 17:42

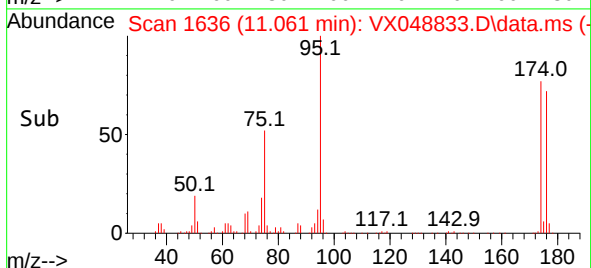
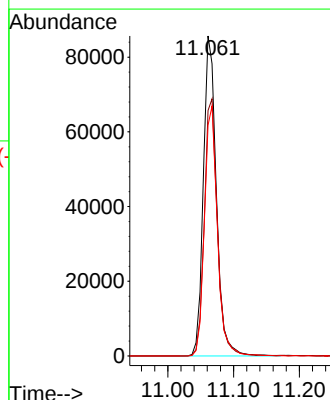
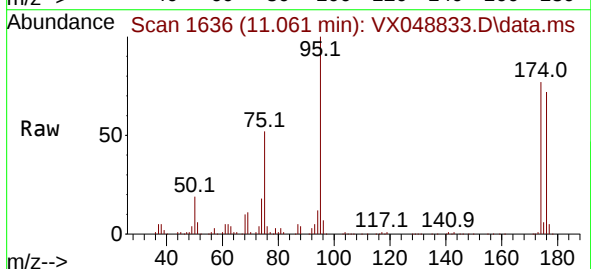
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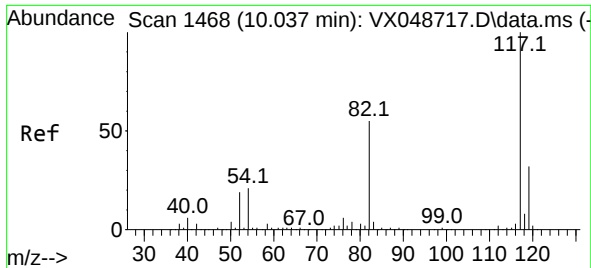
Tgt Ion: 98 Resp: 366018
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.399 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048833.D
Acq: 11 Dec 2025 17:42

Tgt Ion: 95 Resp: 117797
Ion Ratio Lower Upper
95 100
174 81.1 0.0 157.8
176 77.8 0.0 154.0

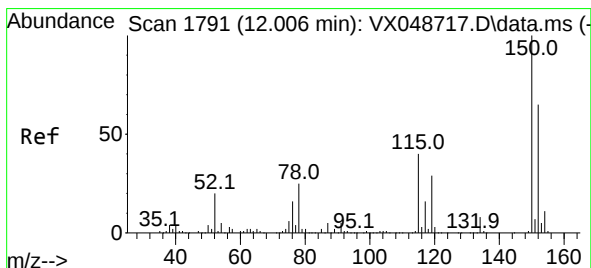
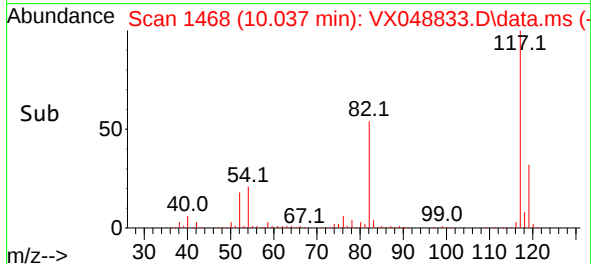
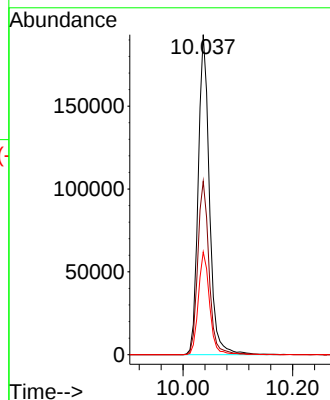
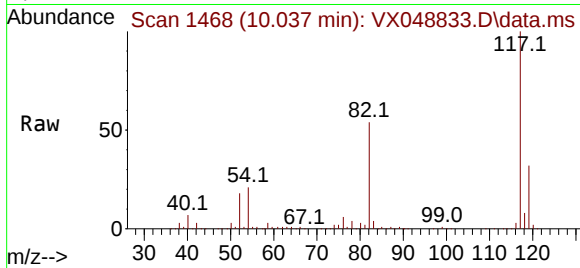




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048833.D
Acq: 11 Dec 2025 17:42

Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

Tgt Ion:117 Resp: 276293
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048833.D
Acq: 11 Dec 2025 17:42

Tgt Ion:152 Resp: 118894
Ion Ratio Lower Upper
152 100
115 59.9 42.1 126.4
150 157.5 0.0 347.8

