

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047330.D
 Acq On : 13 Aug 2025 18:02
 Operator : JC/MD
 Sample : Q2815-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-E

Quant Time: Aug 14 03:32:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

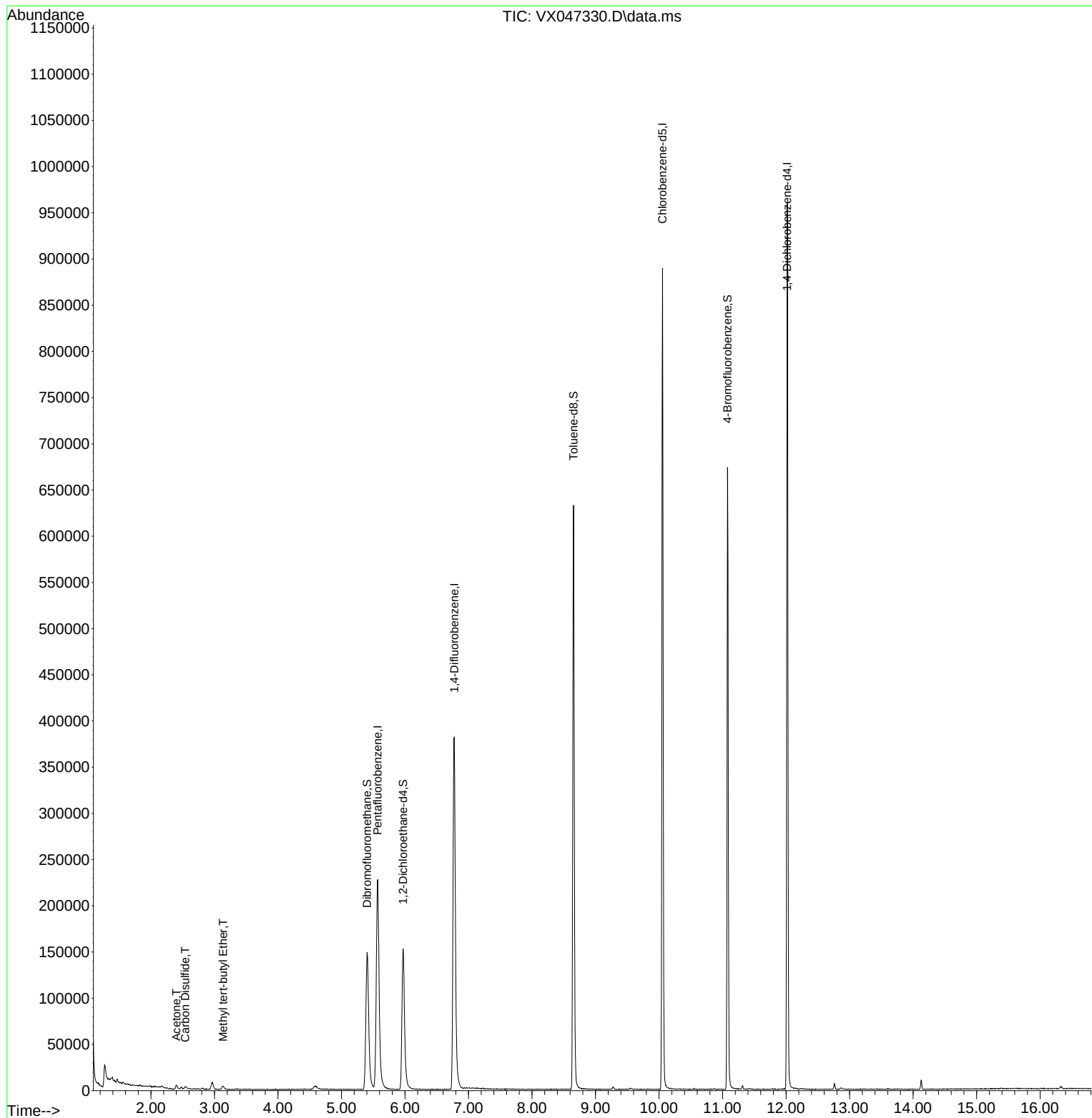
Internal Standards						
1) Pentafluorobenzene	5.568	168	226623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	419826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	390050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	163301	57.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.700%
35) Dibromofluoromethane	5.403	113	143599	55.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.800%
50) Toluene-d8	8.653	98	374974	44.668	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.340%#
62) 4-Bromofluorobenzene	11.079	95	183003	50.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.180%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	6333	5.600	ug/l	99
17) Carbon Disulfide	2.538	76	2398	0.291	ug/l #	88
19) Methyl tert-butyl Ether	3.136	73	4013	0.463	ug/l #	89

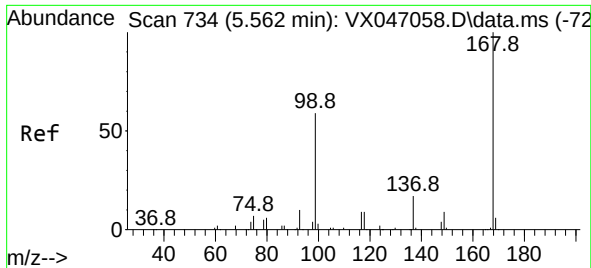
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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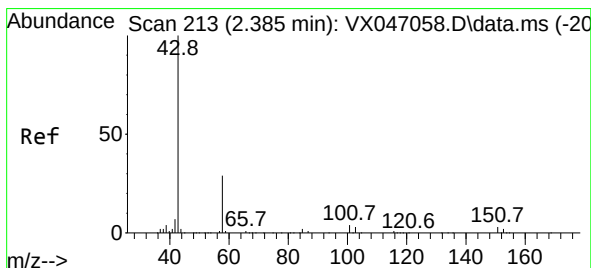
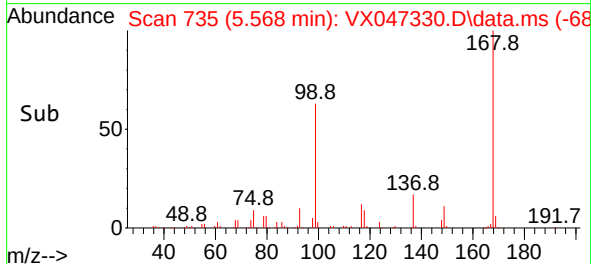
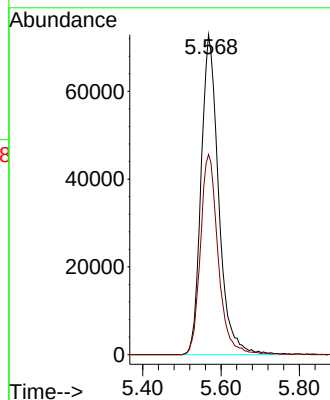
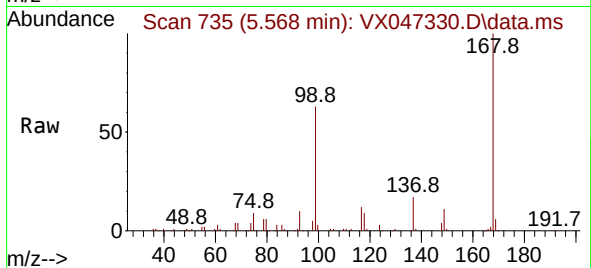




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047330.D
Acq: 13 Aug 2025 18:02

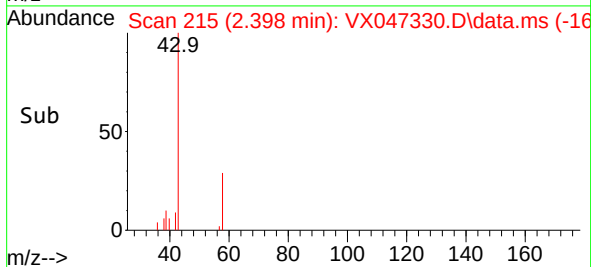
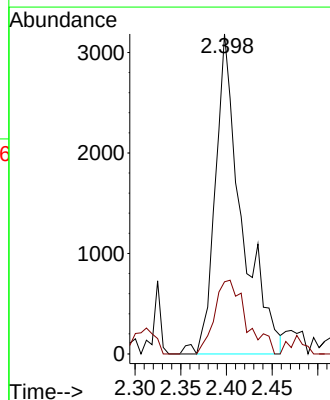
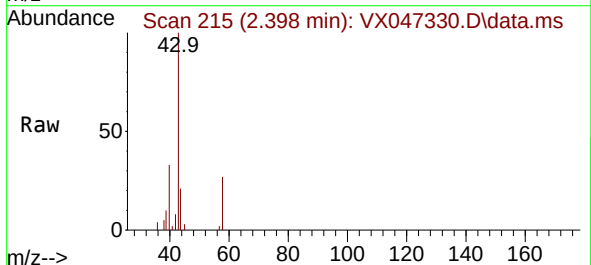
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-E

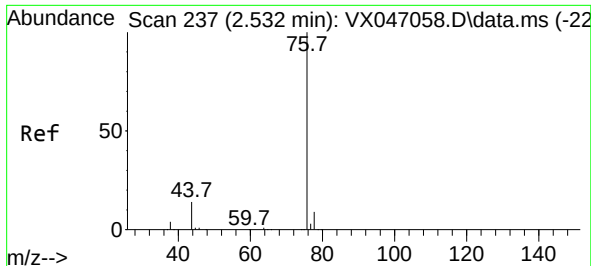
Tgt Ion:168 Resp: 226623
Ion Ratio Lower Upper
168 100
99 62.6 48.0 72.0



#16
Acetone
Concen: 5.600 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047330.D
Acq: 13 Aug 2025 18:02

Tgt Ion: 43 Resp: 6333
Ion Ratio Lower Upper
43 100
58 29.3 24.0 36.0





#17

Carbon Disulfide

Concen: 0.291 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047330.D

Acq: 13 Aug 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

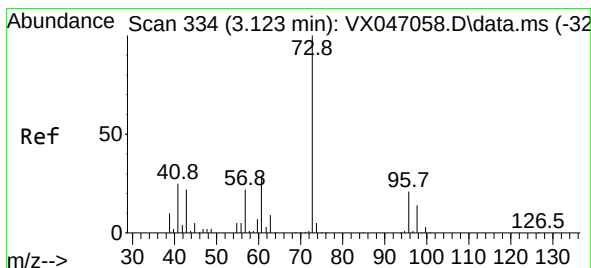
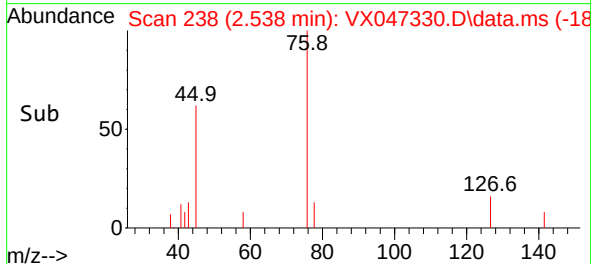
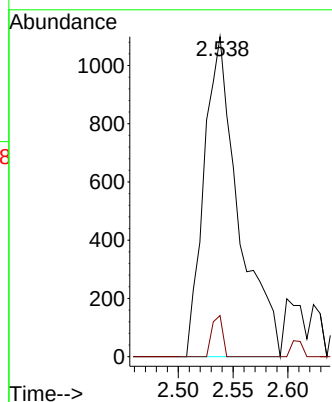
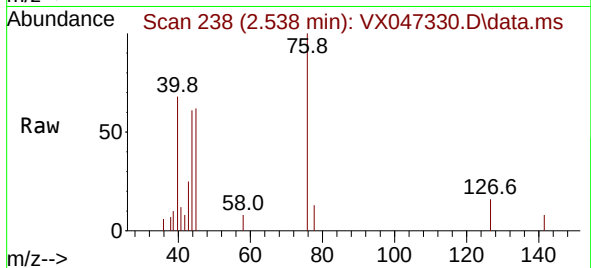
TW-88H-E

Tgt Ion: 76 Resp: 2398

Ion Ratio Lower Upper

76 100

78 12.8 7.0 10.4#



#19

Methyl tert-butyl Ether

Concen: 0.463 ug/l

RT: 3.136 min Scan# 336

Delta R.T. 0.013 min

Lab File: VX047330.D

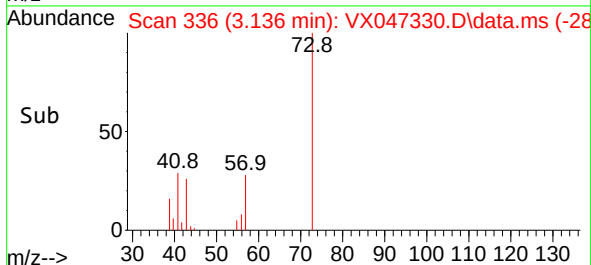
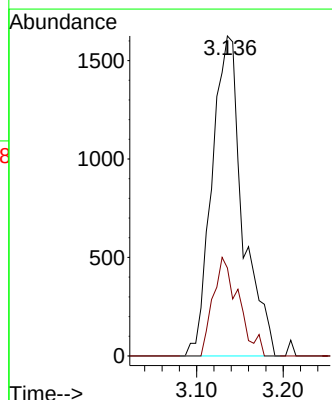
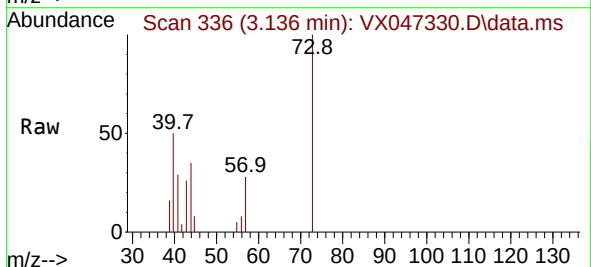
Acq: 13 Aug 2025 18:02

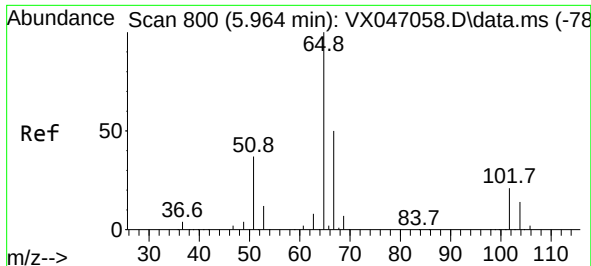
Tgt Ion: 73 Resp: 4013

Ion Ratio Lower Upper

73 100

57 27.5 17.7 26.5#

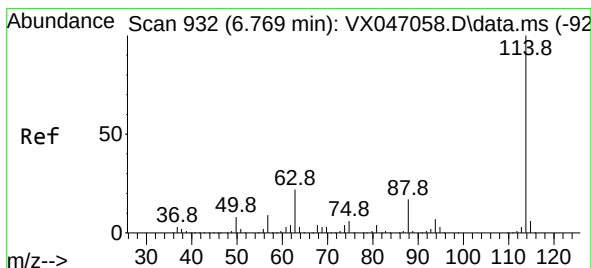
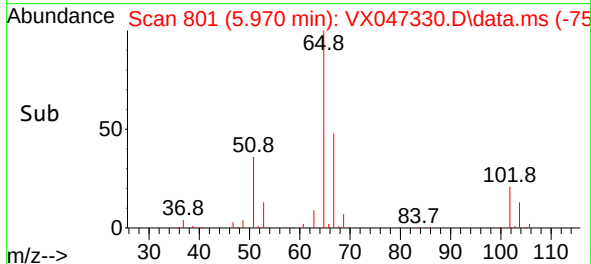
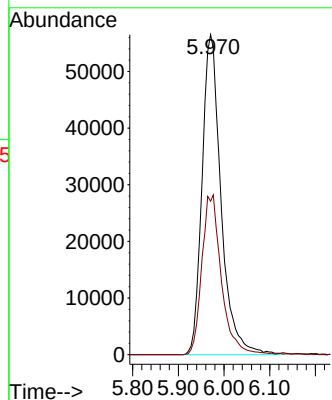
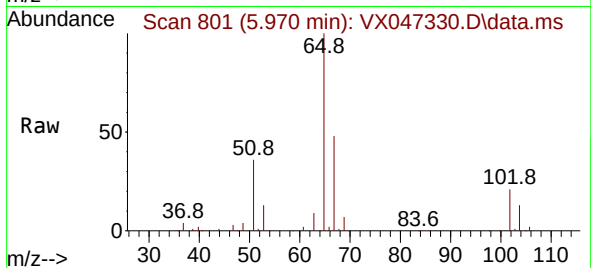




#33
 1,2-Dichloroethane-d4
 Concen: 57.847 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047330.D
 Acq: 13 Aug 2025 18:02

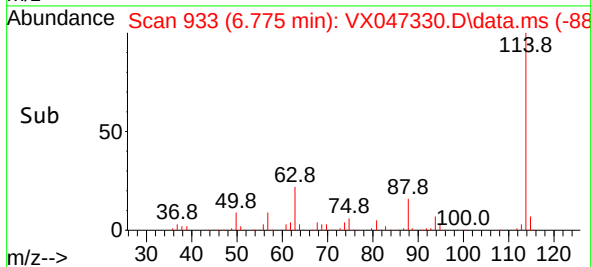
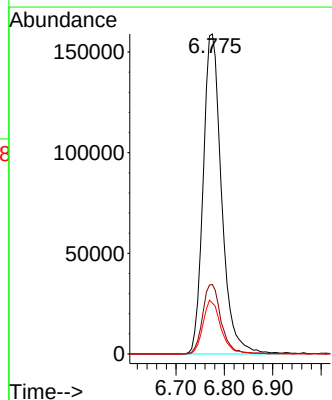
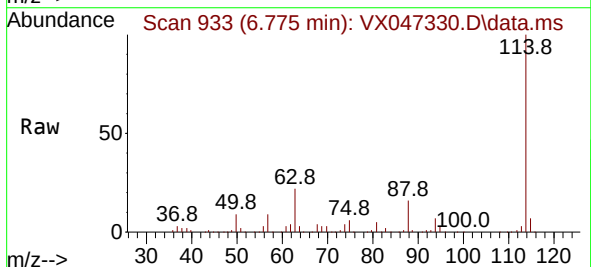
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-E

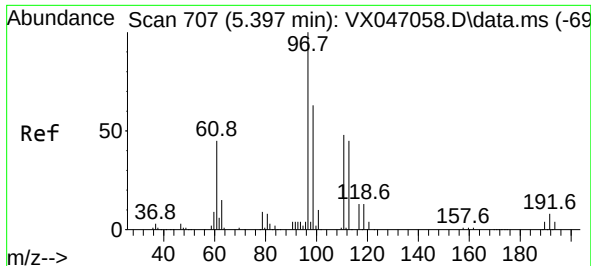
Tgt Ion: 65 Resp: 163301
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX047330.D
 Acq: 13 Aug 2025 18:02

Tgt Ion: 114 Resp: 419826
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.398 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047330.D

Acq: 13 Aug 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

TW-88H-E

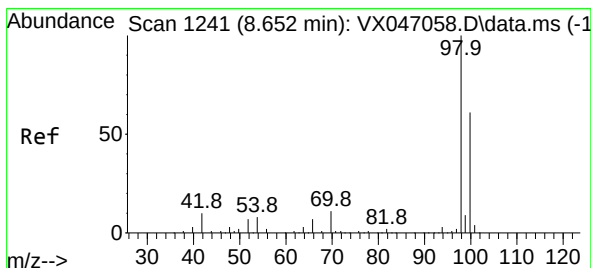
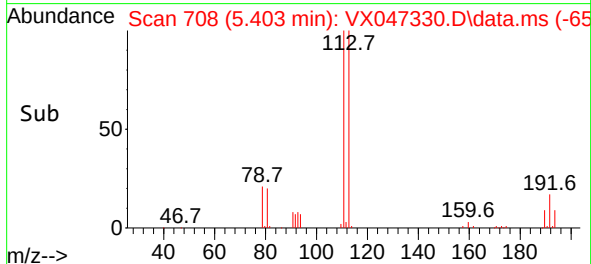
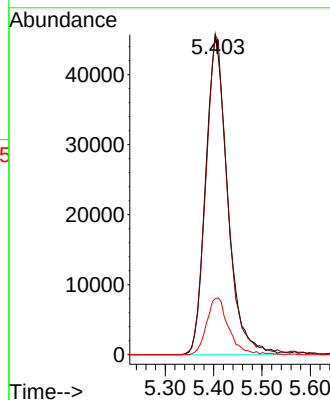
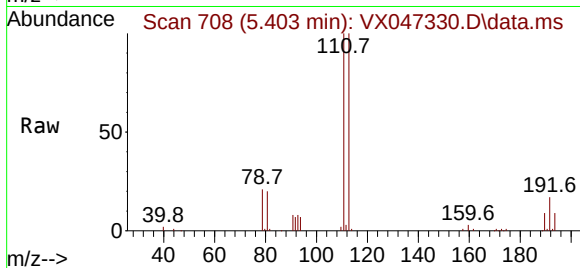
Tgt Ion:113 Resp: 143599

Ion Ratio Lower Upper

113 100

111 99.6 82.6 124.0

192 17.9 14.9 22.3



#50

Toluene-d8

Concen: 44.668 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047330.D

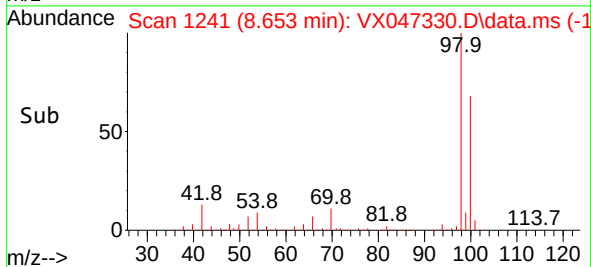
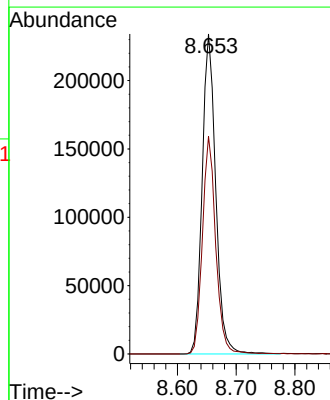
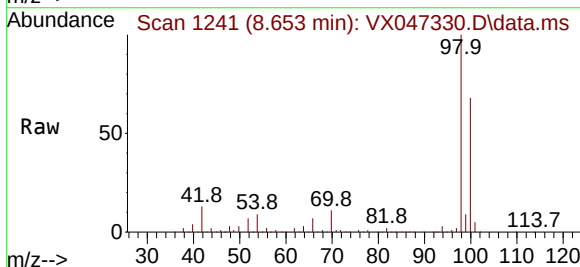
Acq: 13 Aug 2025 18:02

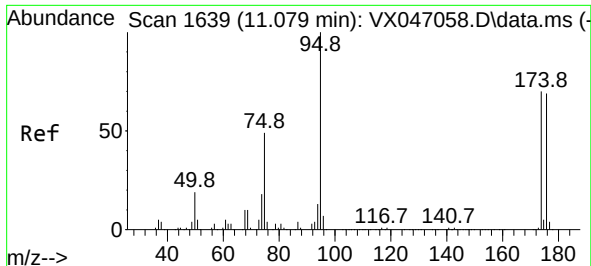
Tgt Ion: 98 Resp: 374974

Ion Ratio Lower Upper

98 100

100 66.9 53.3 79.9

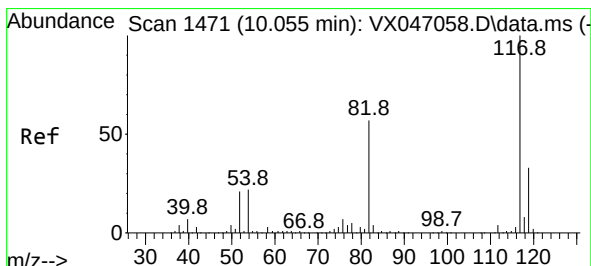
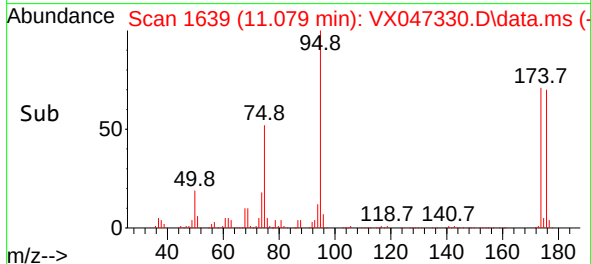
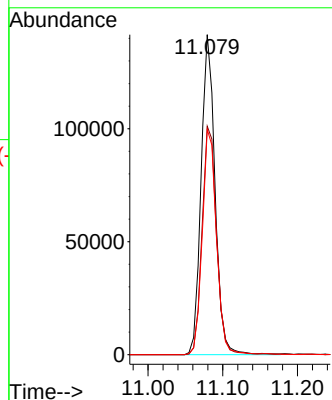
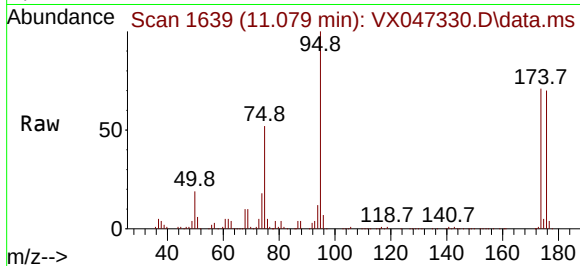




#62
4-Bromofluorobenzene
Concen: 50.587 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047330.D
Acq: 13 Aug 2025 18:02

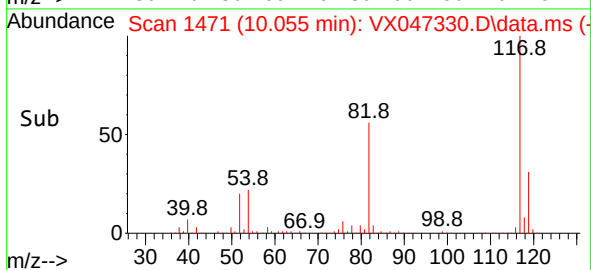
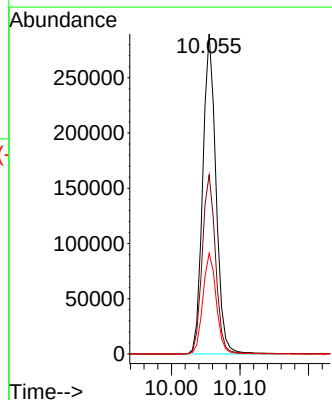
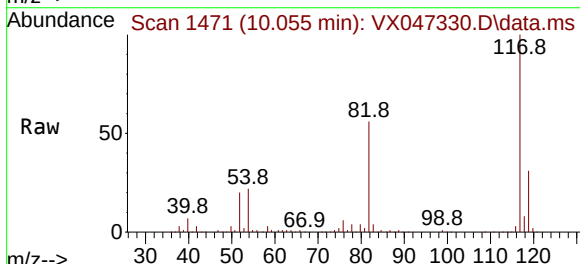
Instrument :
MSVOA_X
ClientSampleId :
TW-88H-E

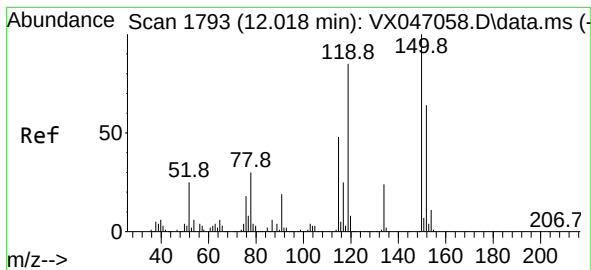
Tgt Ion: 95 Resp: 183003
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.6
176 71.5 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047330.D
Acq: 13 Aug 2025 18:02

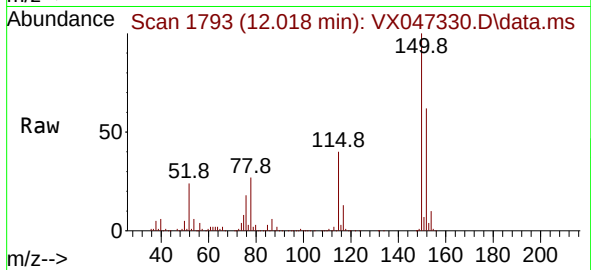
Tgt Ion: 117 Resp: 390050
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 31.4 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047330.D
 Acq: 13 Aug 2025 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-88H-E



Tgt Ion:152 Resp: 198183
 Ion Ratio Lower Upper
 152 100
 115 61.8 45.6 136.7
 150 158.2 0.0 354.6

