

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047325.D
 Acq On : 13 Aug 2025 16:13
 Operator : JC/MD
 Sample : Q2815-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10PC-W

Quant Time: Aug 14 03:31:06 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)

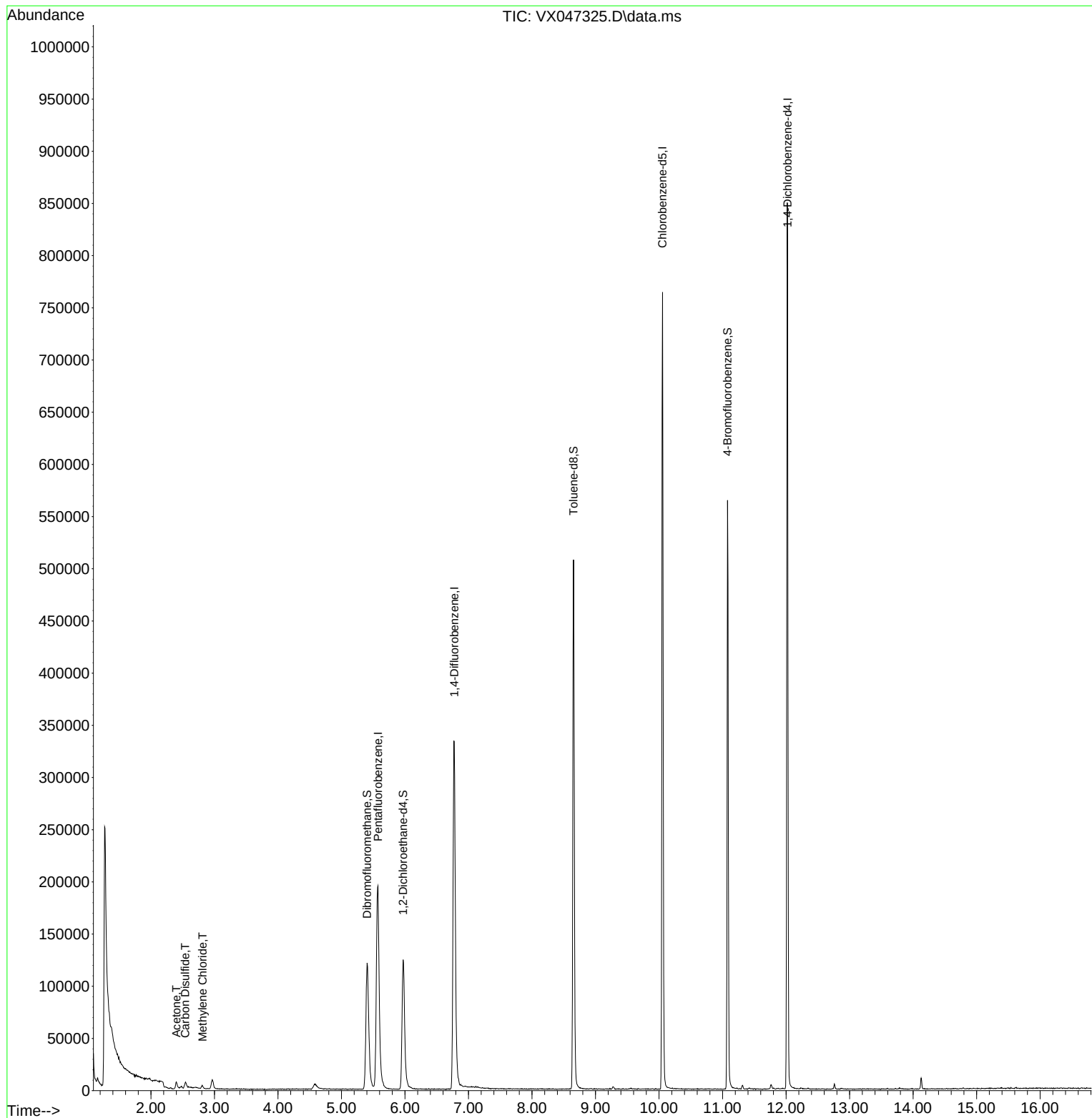
Internal Standards						
1) Pentafluorobenzene	5.574	168	199704	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.775	114	367015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	134783	54.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.360%
35) Dibromofluoromethane	5.404	113	116221	51.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.580%
50) Toluene-d8	8.653	98	308913	42.094	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	84.180%#
62) 4-Bromofluorobenzene	11.079	95	150816	47.688	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.380%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	9001	9.032	ug/l	93
17) Carbon Disulfide	2.538	76	5047	0.695	ug/l #	93
20) Methylene Chloride	2.813	84	1289	0.470	ug/l #	75

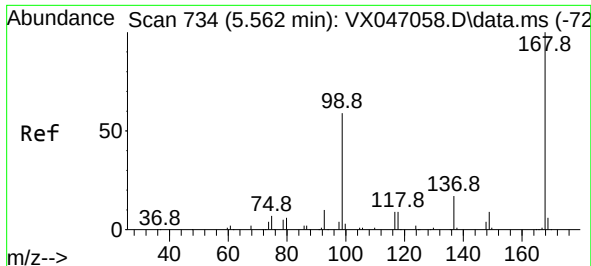
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
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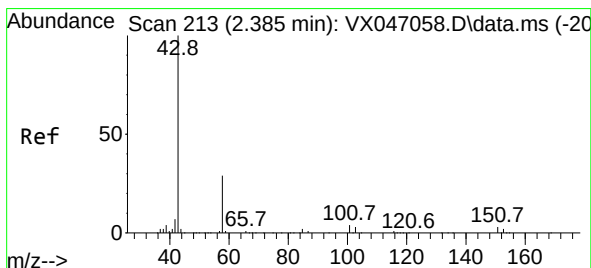
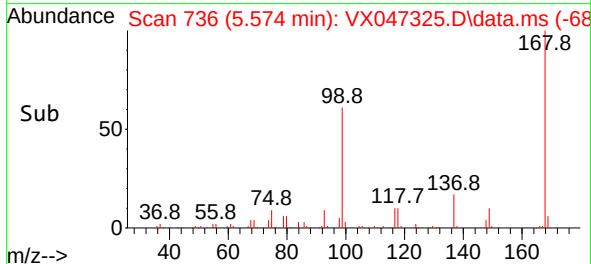
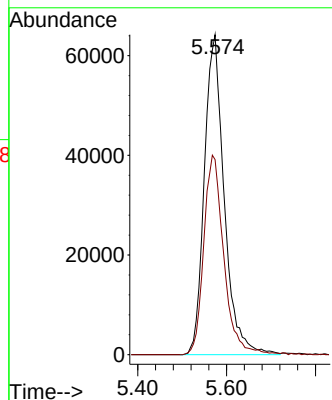
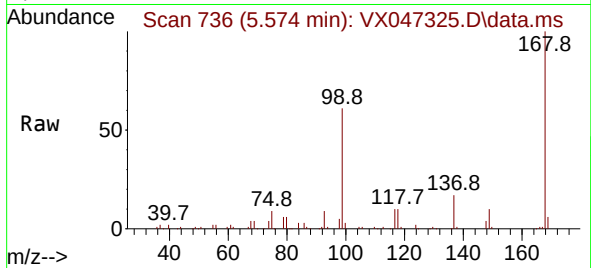




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX047325.D
Acq: 13 Aug 2025 16:13

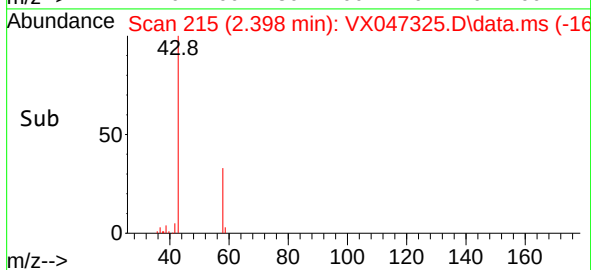
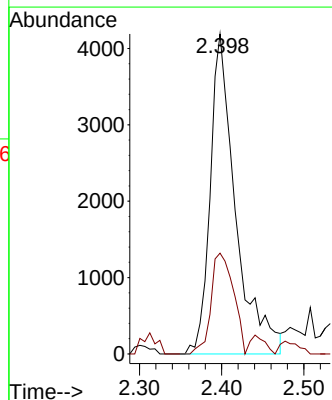
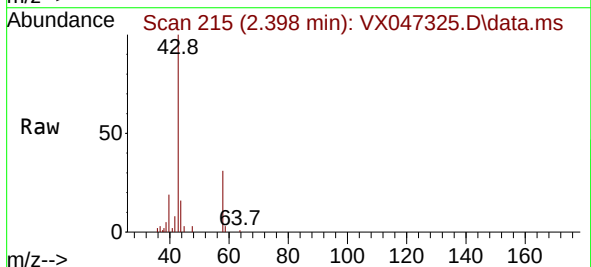
Instrument :
MSVOA_X
ClientSampleId :
TW-10PC-W

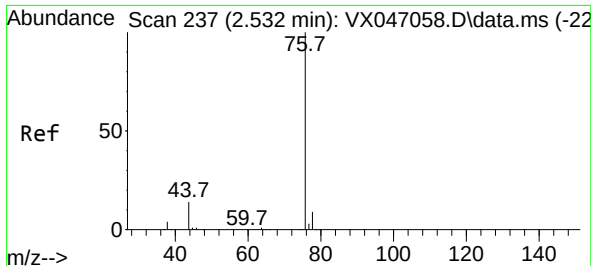
Tgt Ion:168 Resp: 199704
Ion Ratio Lower Upper
168 100
99 61.0 48.0 72.0



#16
Acetone
Concen: 9.032 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047325.D
Acq: 13 Aug 2025 16:13

Tgt Ion: 43 Resp: 9001
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0





#17

Carbon Disulfide

Concen: 0.695 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX047325.D

Acq: 13 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

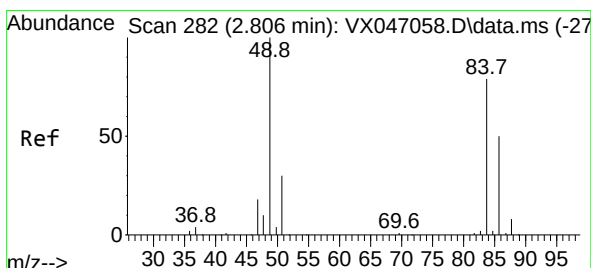
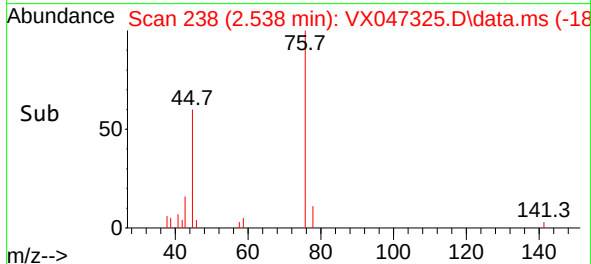
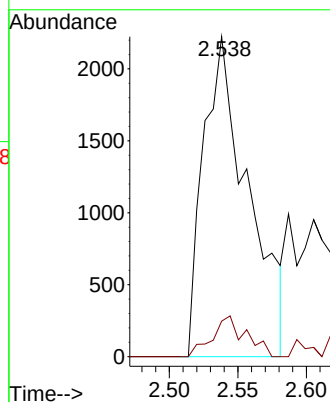
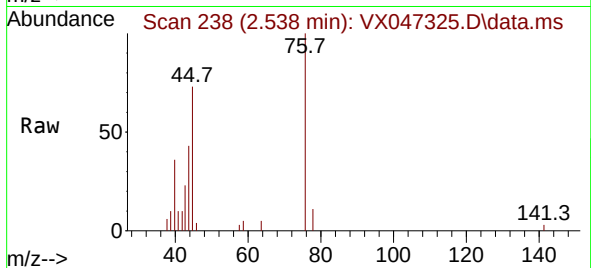
TW-10PC-W

Tgt Ion: 76 Resp: 5047

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.4#



#20

Methylene Chloride

Concen: 0.470 ug/l

RT: 2.813 min Scan# 283

Delta R.T. 0.007 min

Lab File: VX047325.D

Acq: 13 Aug 2025 16:13

Tgt Ion: 84 Resp: 1289

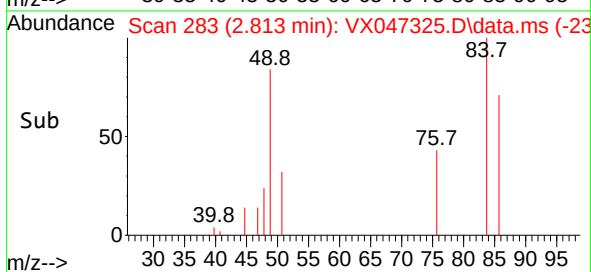
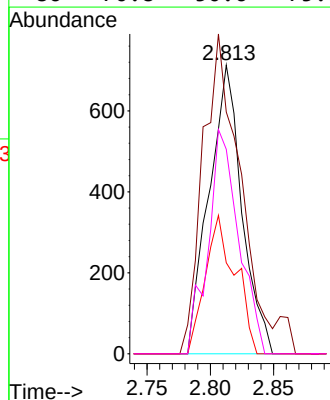
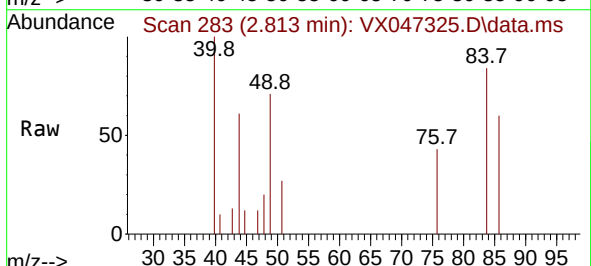
Ion Ratio Lower Upper

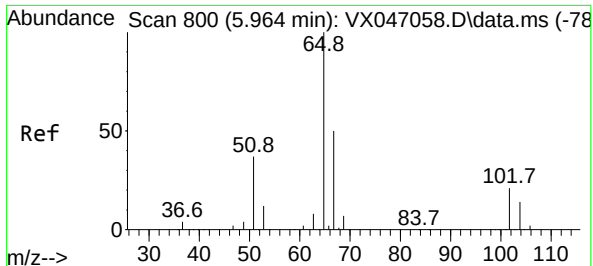
84 100

49 83.7 101.6 152.4#

51 31.6 30.3 45.5

86 70.8 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 54.180 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX047325.D

Acq: 13 Aug 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

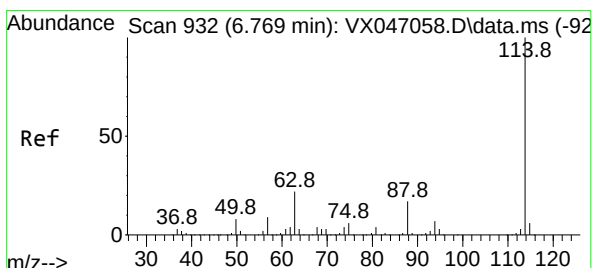
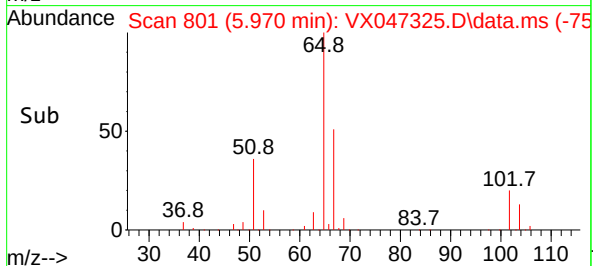
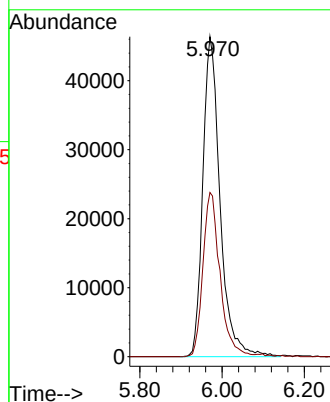
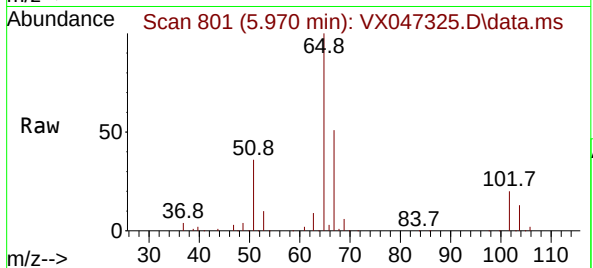
TW-10PC-W

Tgt Ion: 65 Resp: 134783

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.007 min

Lab File: VX047325.D

Acq: 13 Aug 2025 16:13

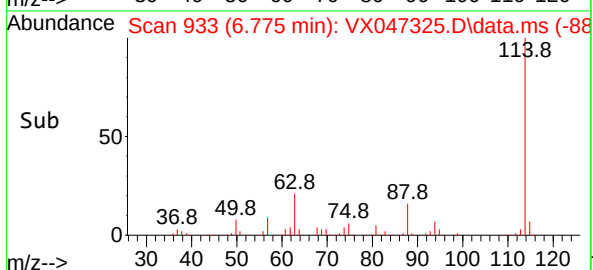
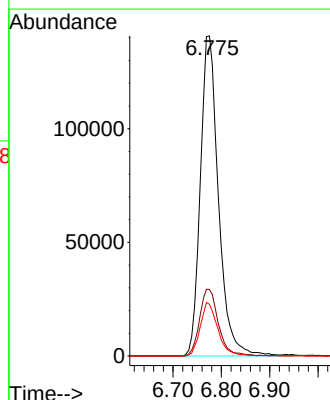
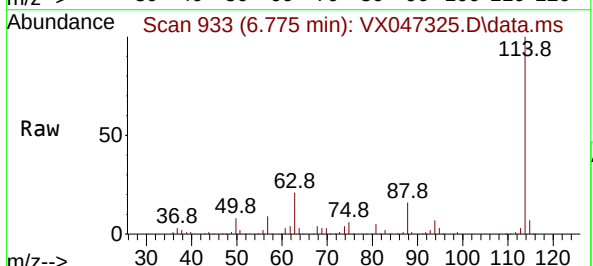
Tgt Ion: 114 Resp: 367015

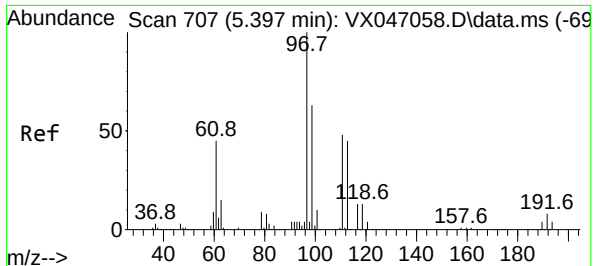
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 16.1 0.0 33.8

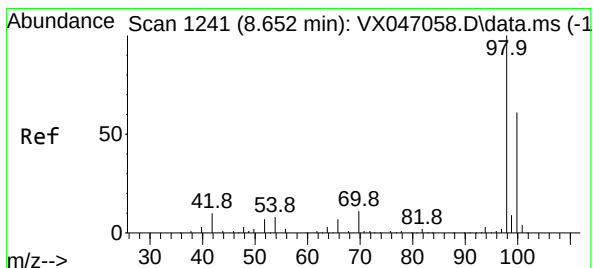
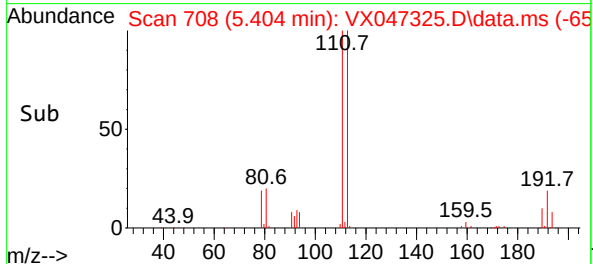
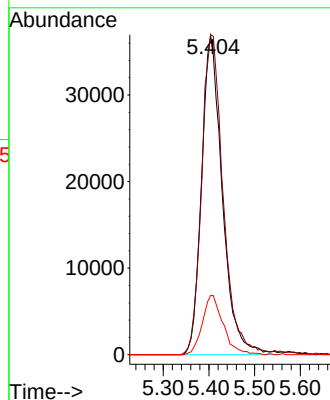
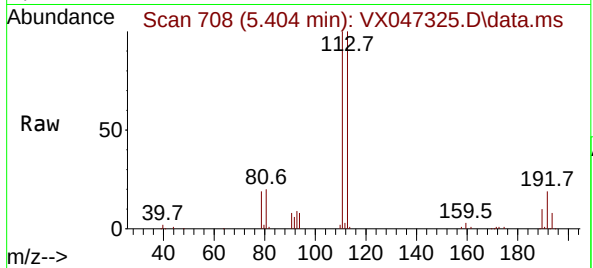




#35
Dibromofluoromethane
Concen: 51.287 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047325.D
Acq: 13 Aug 2025 16:13

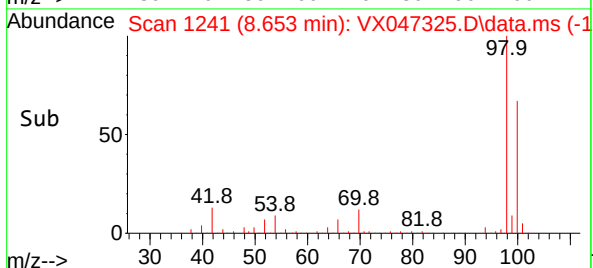
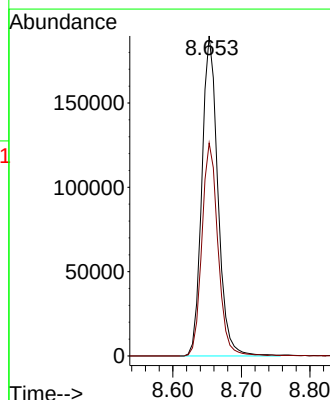
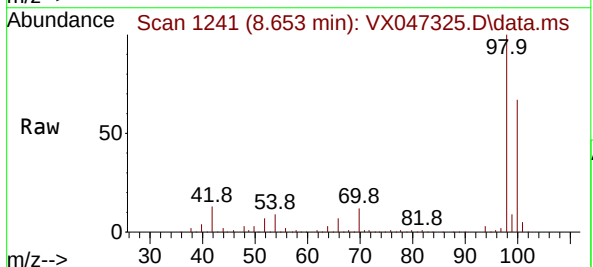
Instrument :
MSVOA_X
ClientSampleId :
TW-10PC-W

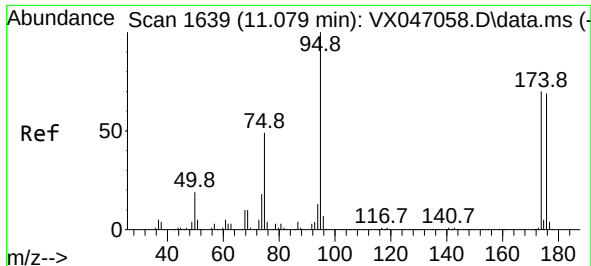
Tgt Ion:113 Resp: 116221
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.7 14.9 22.3



#50
Toluene-d8
Concen: 42.094 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047325.D
Acq: 13 Aug 2025 16:13

Tgt Ion: 98 Resp: 308913
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9

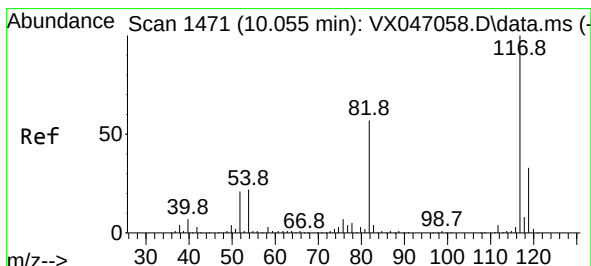
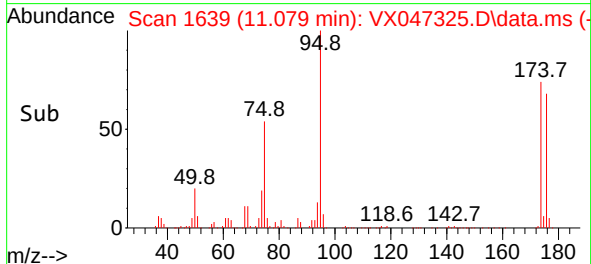
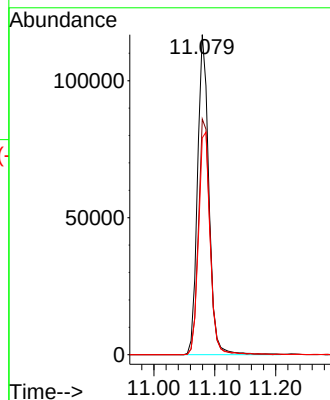
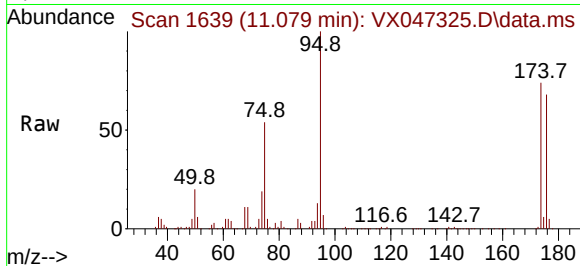




#62
4-Bromofluorobenzene
Concen: 47.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047325.D
Acq: 13 Aug 2025 16:13

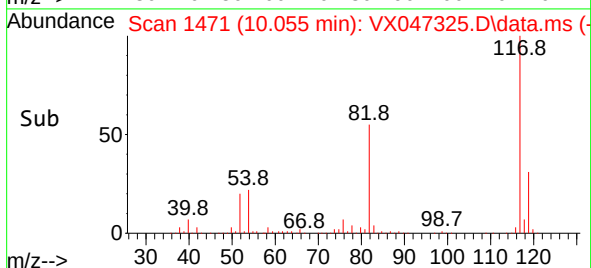
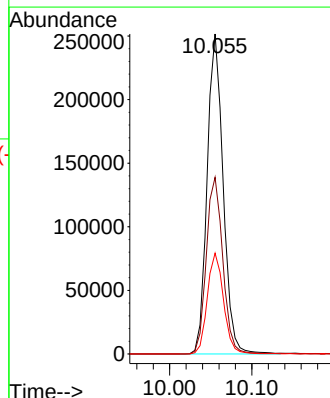
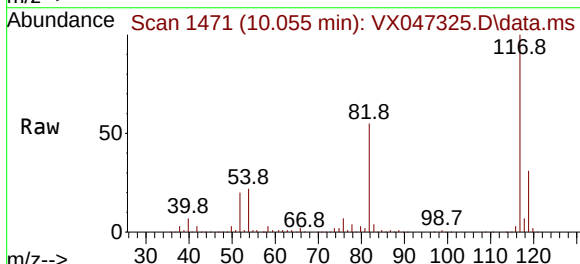
Instrument :
MSVOA_X
ClientSampleId :
TW-10PC-W

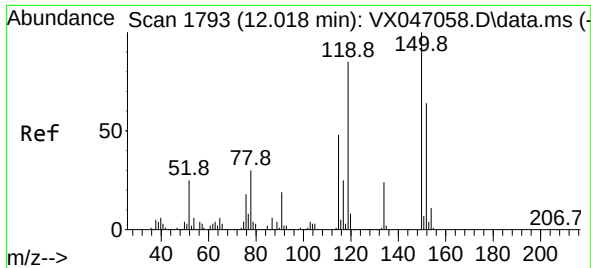
Tgt Ion: 95 Resp: 150816
Ion Ratio Lower Upper
95 100
174 75.0 0.0 144.6
176 71.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047325.D
Acq: 13 Aug 2025 16:13

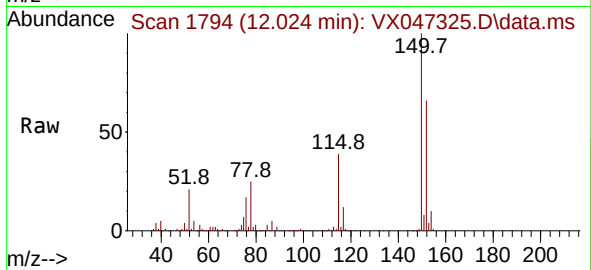
Tgt Ion: 117 Resp: 340450
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 31.5 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX047325.D
 Acq: 13 Aug 2025 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10PC-W



Tgt Ion:152 Resp: 174644
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.6 136.7
 150 155.4 0.0 354.6

