

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047329.D
 Acq On : 13 Aug 2025 17:40
 Operator : JC/MD
 Sample : Q2815-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-N

Quant Time: Aug 14 03:32:33 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)

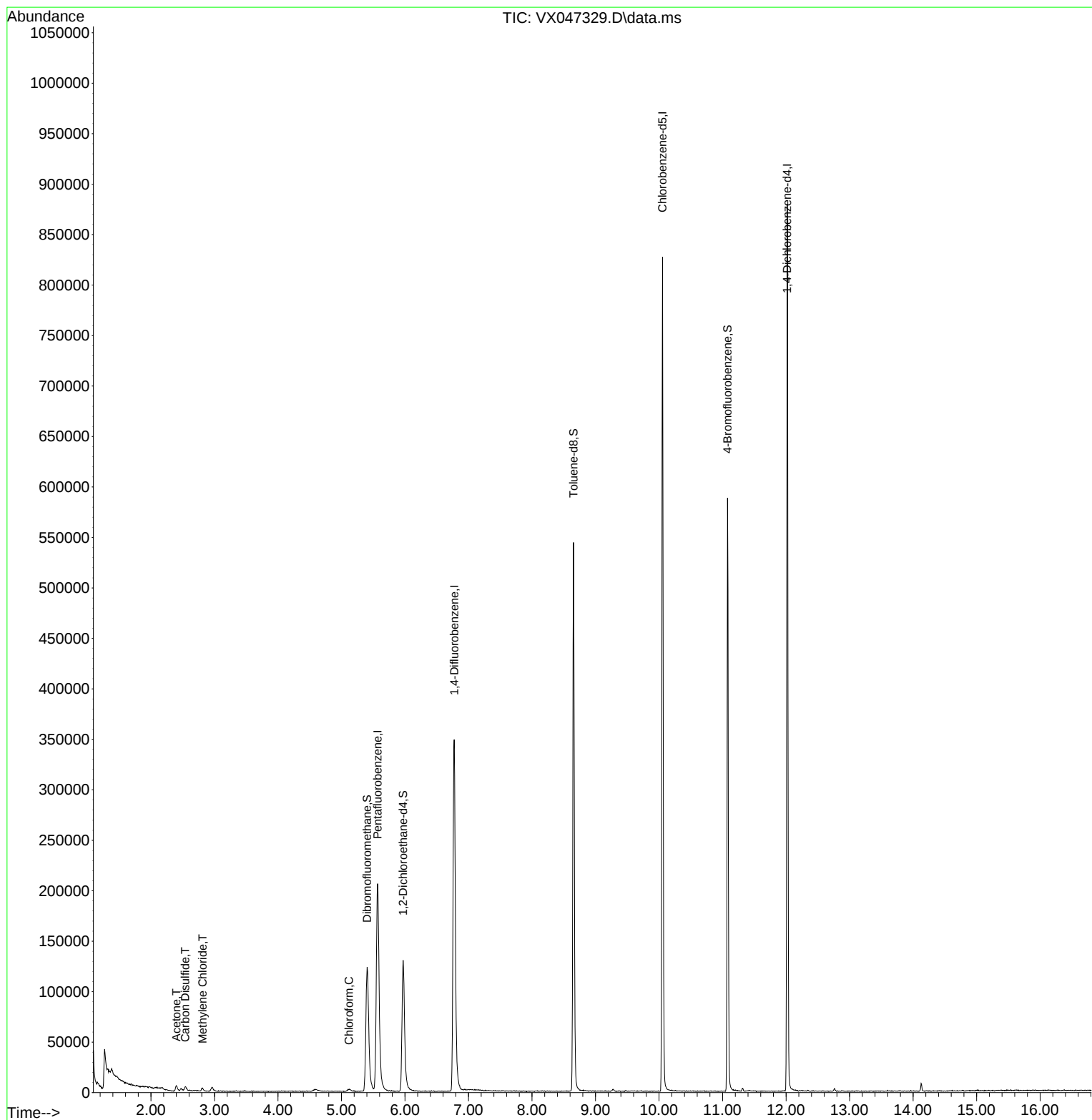
Internal Standards						
1) Pentafluorobenzene	5.568	168	208024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	379571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	179591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	139384	53.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	107.580%	
35) Dibromofluoromethane	5.403	113	119617	51.040	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.080%	
50) Toluene-d8	8.653	98	319829	42.140	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	84.280%#	
62) 4-Bromofluorobenzene	11.079	95	155728	47.613	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	8178	7.878	ug/l	94
17) Carbon Disulfide	2.538	76	3372	0.446	ug/l #	90
20) Methylene Chloride	2.812	84	1468	0.514	ug/l #	86
30) Chloroform	5.117	83	3126	0.608	ug/l #	81

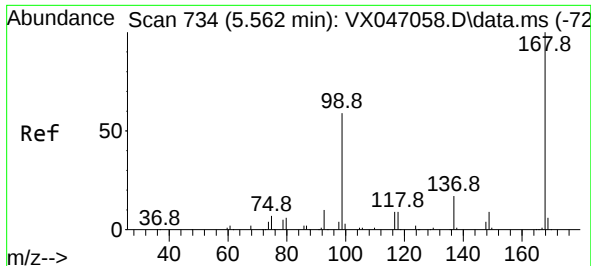
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

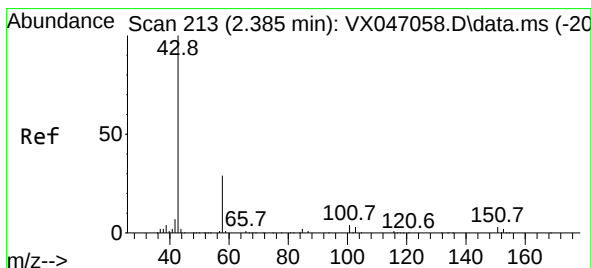
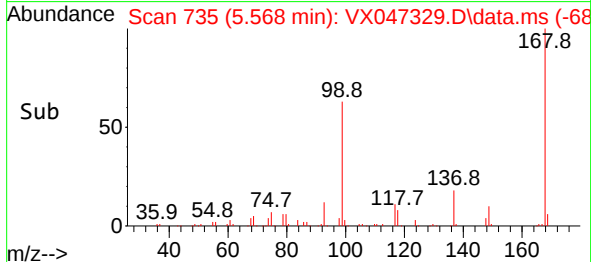
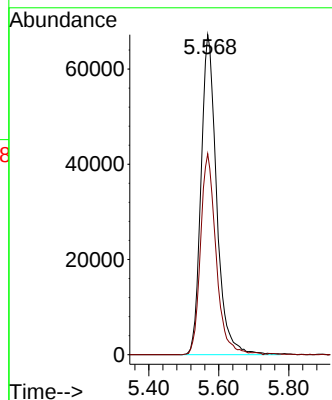
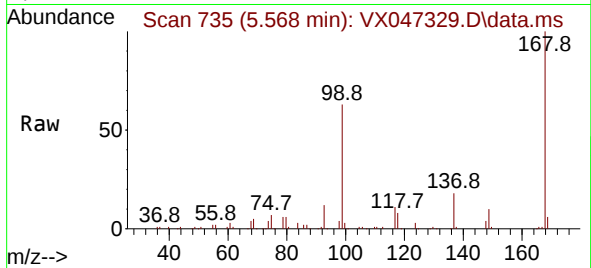




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047329.D
Acq: 13 Aug 2025 17:40

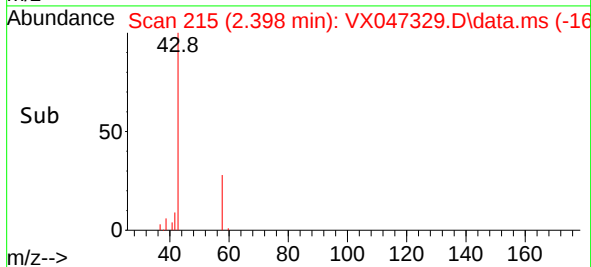
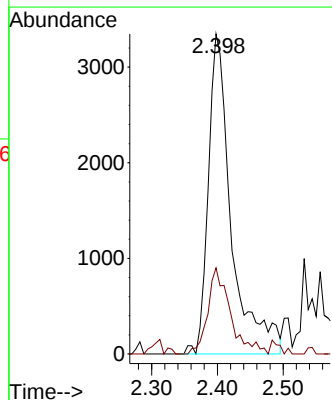
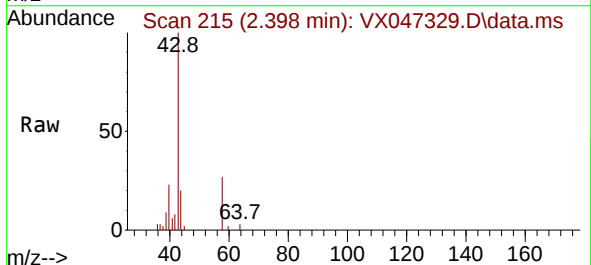
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-N

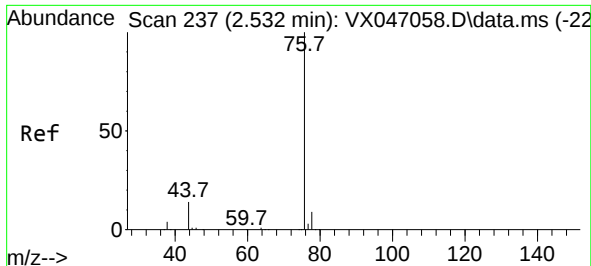
Tgt Ion:168 Resp: 208024
Ion Ratio Lower Upper
168 100
99 62.8 48.0 72.0



#16
Acetone
Concen: 7.878 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047329.D
Acq: 13 Aug 2025 17:40

Tgt Ion: 43 Resp: 8178
Ion Ratio Lower Upper
43 100
58 27.0 24.0 36.0





#17

Carbon Disulfide

Concen: 0.446 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047329.D

Acq: 13 Aug 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

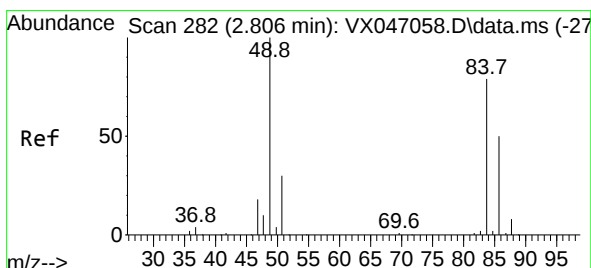
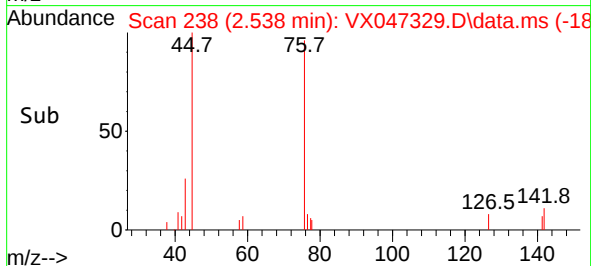
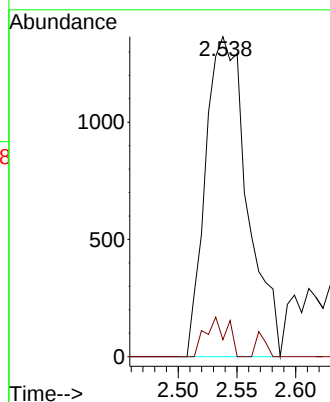
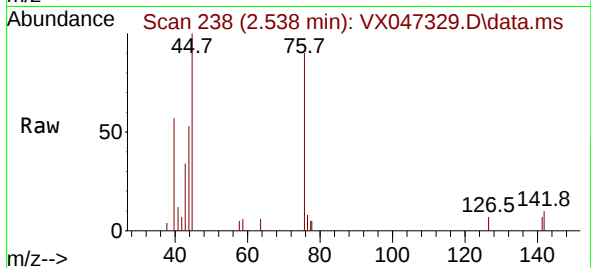
TW-10P-N

Tgt Ion: 76 Resp: 3372

Ion Ratio Lower Upper

76 100

78 5.3 7.0 10.4#



#20

Methylene Chloride

Concen: 0.514 ug/l

RT: 2.812 min Scan# 283

Delta R.T. 0.006 min

Lab File: VX047329.D

Acq: 13 Aug 2025 17:40

Tgt Ion: 84 Resp: 1468

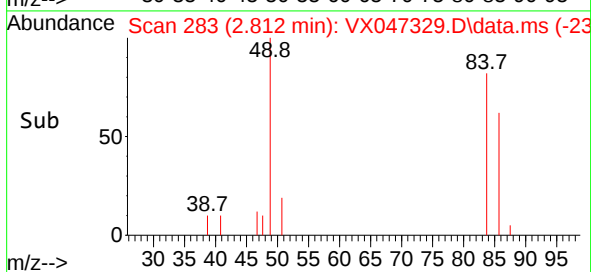
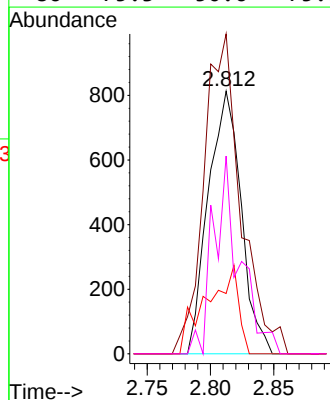
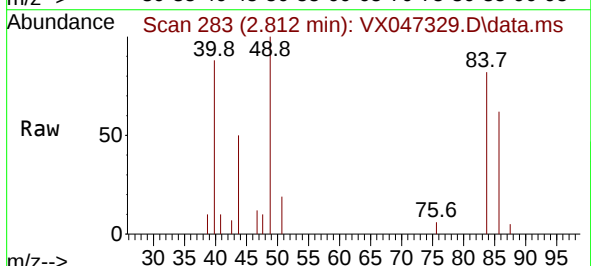
Ion Ratio Lower Upper

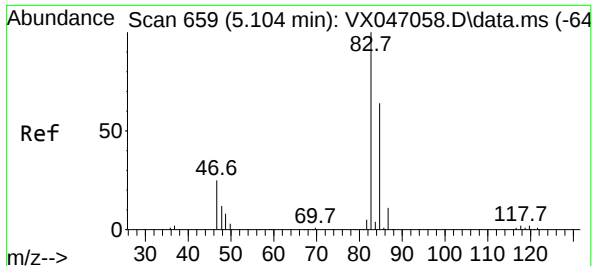
84 100

49 114.9 101.6 152.4

51 23.0 30.3 45.5#

86 75.3 50.6 75.8





#30

Chloroform

Concen: 0.608 ug/l

RT: 5.117 min Scan# 60

Delta R.T. 0.012 min

Lab File: VX047329.D

Acq: 13 Aug 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

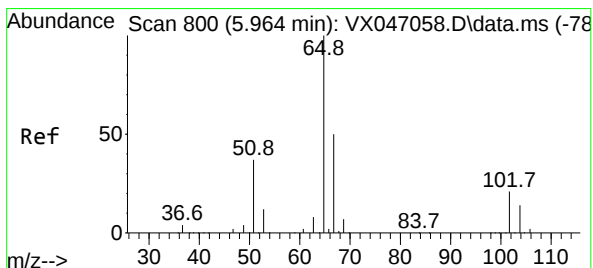
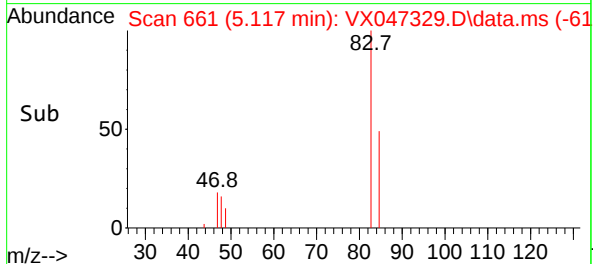
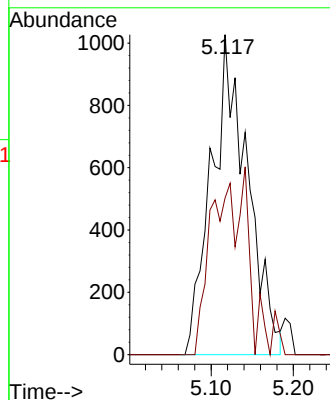
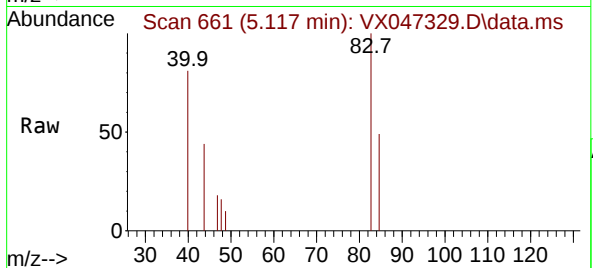
TW-10P-N

Tgt Ion: 83 Resp: 3126

Ion Ratio Lower Upper

83 100

85 48.9 50.9 76.3#



#33

1,2-Dichloroethane-d4

Concen: 53.789 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047329.D

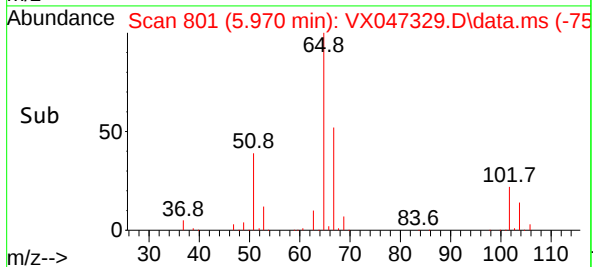
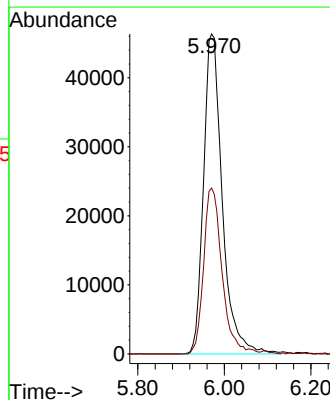
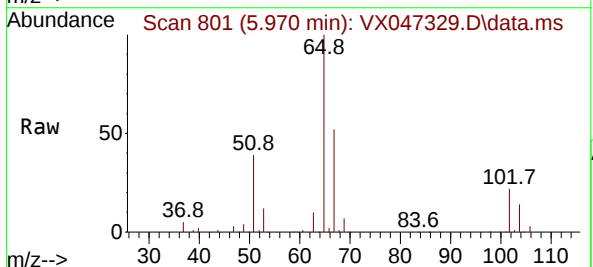
Acq: 13 Aug 2025 17:40

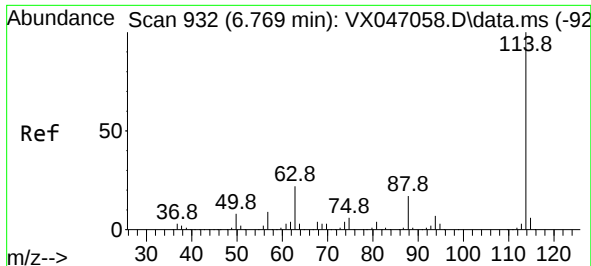
Tgt Ion: 65 Resp: 139384

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8

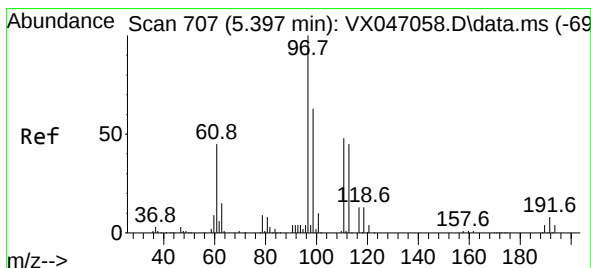
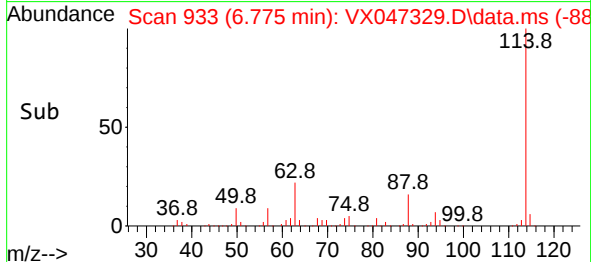
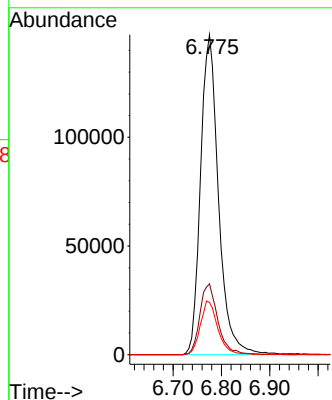
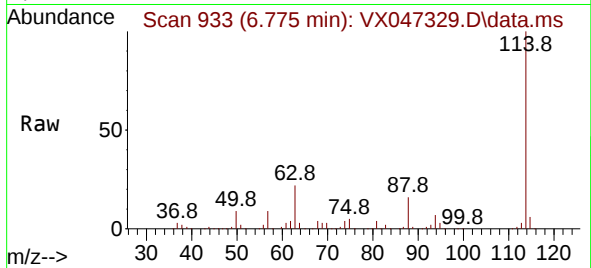




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047329.D
Acq: 13 Aug 2025 17:40

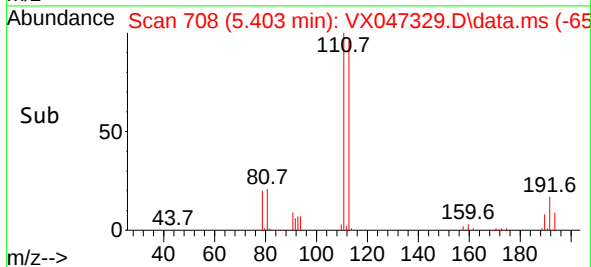
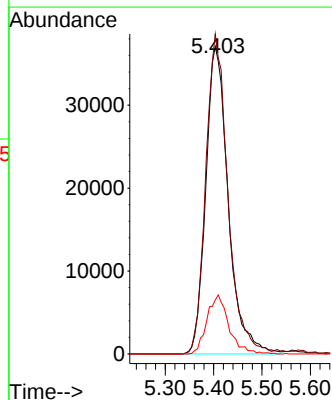
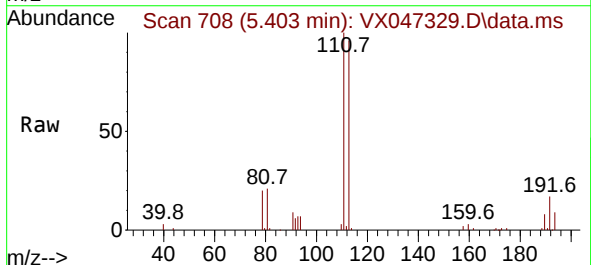
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-N

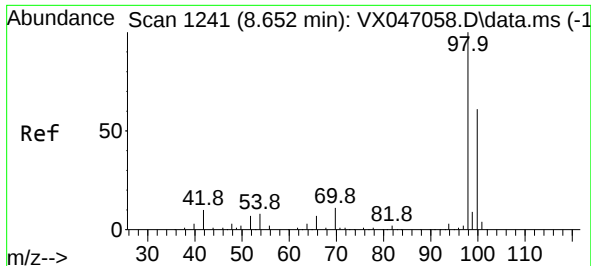
Tgt Ion:114 Resp: 379571
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.040 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047329.D
Acq: 13 Aug 2025 17:40

Tgt Ion:113 Resp: 119617
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 18.8 14.9 22.3

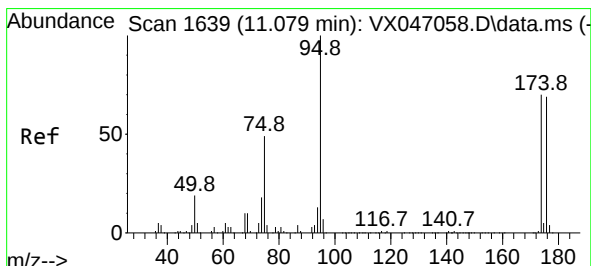
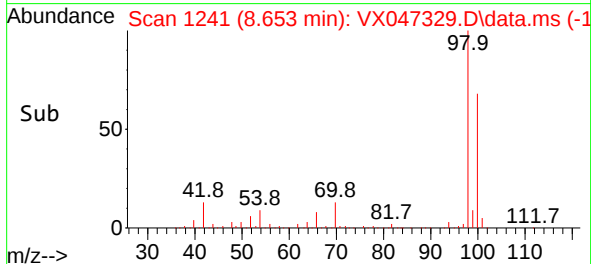
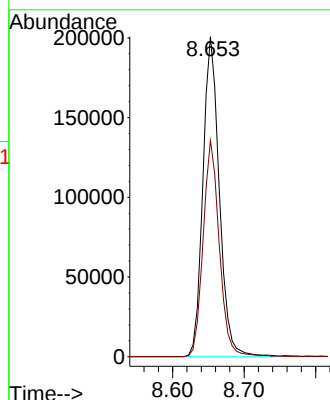
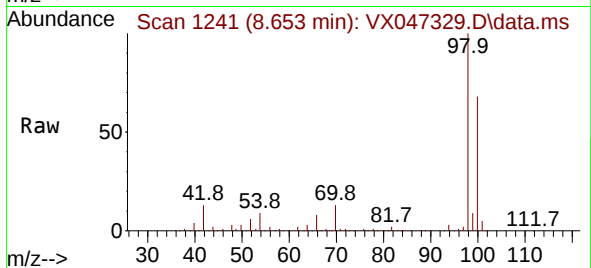




#50
Toluene-d8
Concen: 42.140 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047329.D
Acq: 13 Aug 2025 17:40

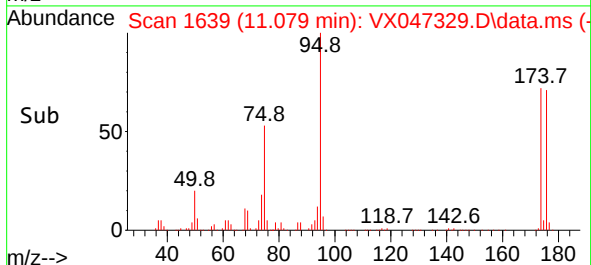
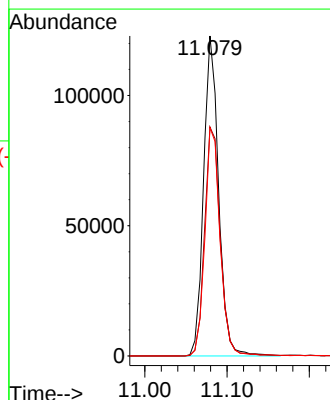
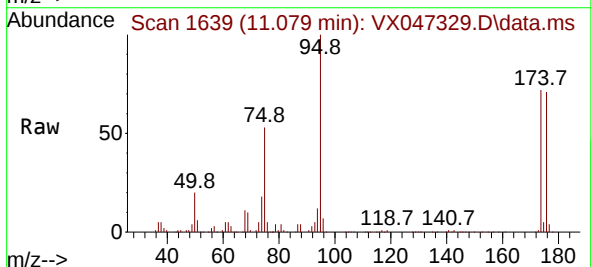
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-N

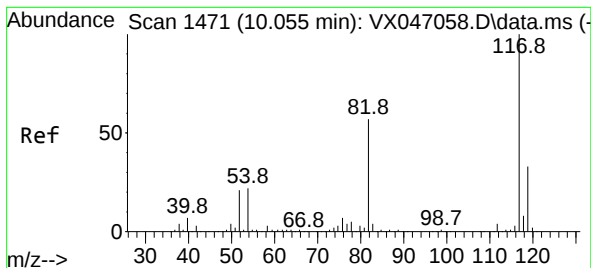
Tgt Ion: 98 Resp: 319829
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047329.D
Acq: 13 Aug 2025 17:40

Tgt Ion: 95 Resp: 155728
Ion Ratio Lower Upper
95 100
174 75.0 0.0 144.6
176 72.5 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: VX047329.D

Acq: 13 Aug 2025 17:40

Instrument :

MSVOA_X

ClientSampleId :

TW-10P-N

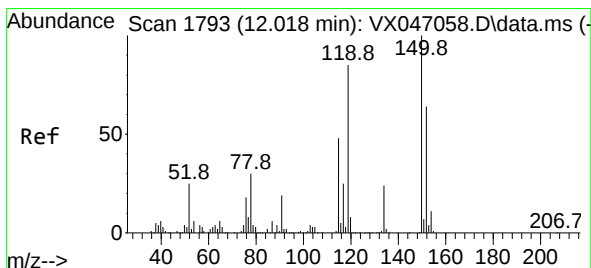
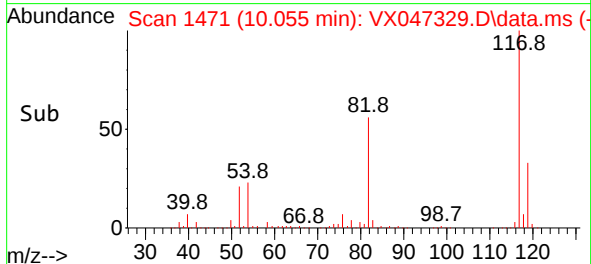
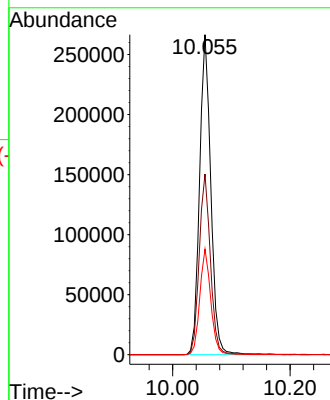
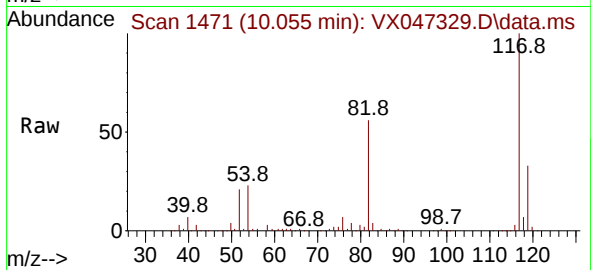
Tgt Ion:117 Resp: 354515

Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.2

119 33.0 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047329.D

Acq: 13 Aug 2025 17:40

Tgt Ion:152 Resp: 179591

Ion Ratio Lower Upper

152 100

115 61.2 45.6 136.7

150 155.7 0.0 354.6

