

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047327.D
 Acq On : 13 Aug 2025 16:57
 Operator : JC/MD
 Sample : Q2815-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-S

Quant Time: Aug 14 03:31:48 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)

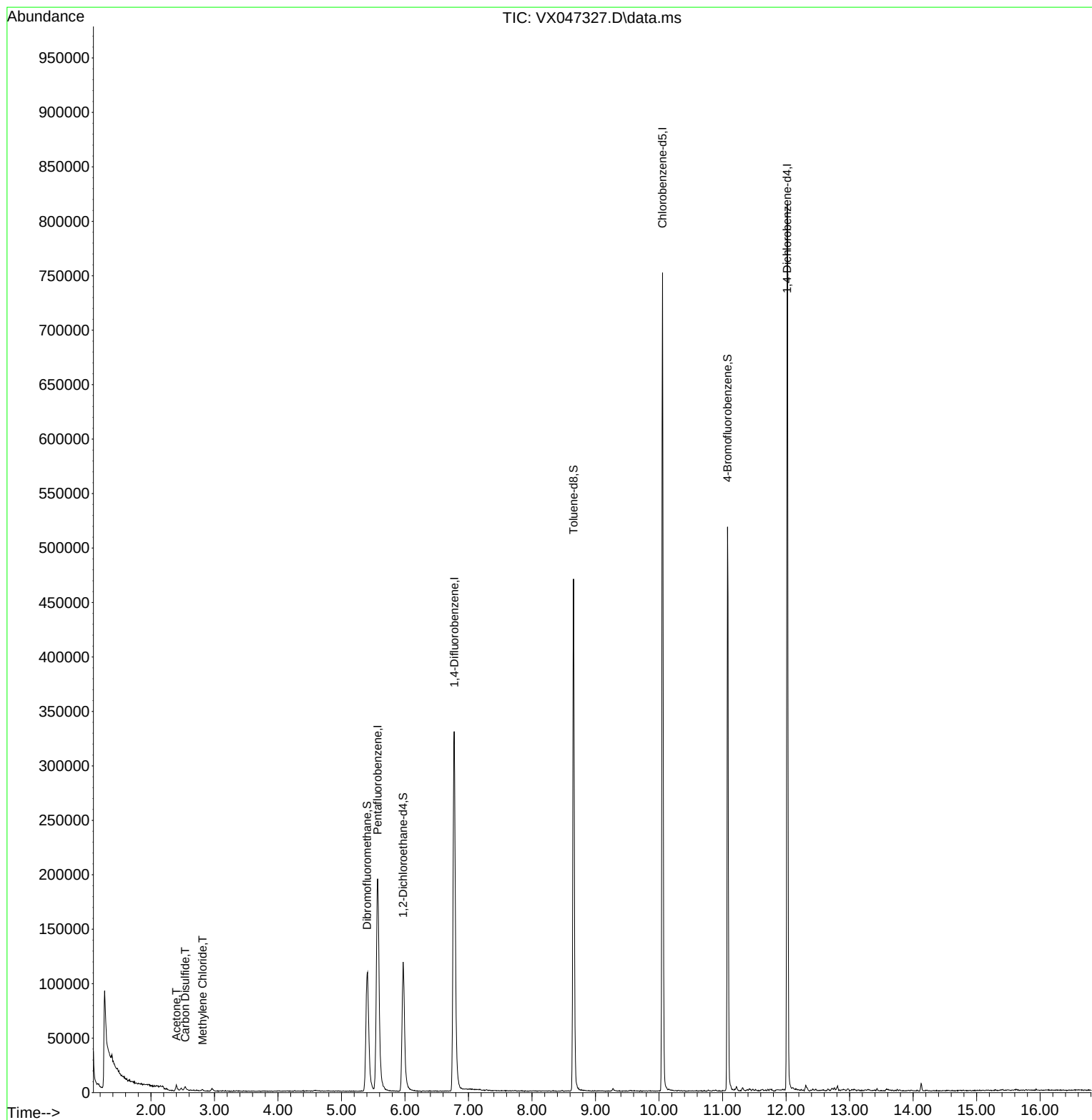
Internal Standards						
1) Pentafluorobenzene	5.568	168	195459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	356865	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	168780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	123278	50.632	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.260%
35) Dibromofluoromethane	5.403	113	105311	47.795	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	8.653	98	283241	39.694	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	79.380%#
62) 4-Bromofluorobenzene	11.079	95	138244	44.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
						Qvalue
16) Acetone	2.398	43	6369	6.530	ug/l	98
17) Carbon Disulfide	2.538	76	5503	0.774	ug/l	98
20) Methylene Chloride	2.812	84	713	0.266	ug/l #	78

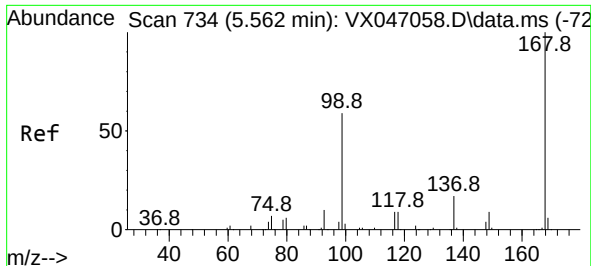
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

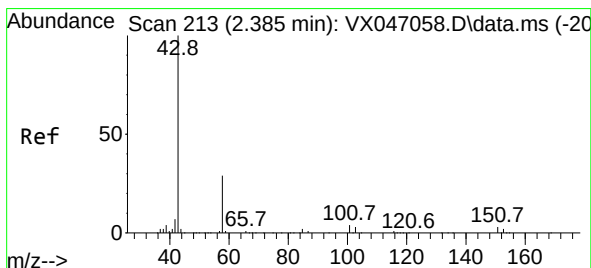
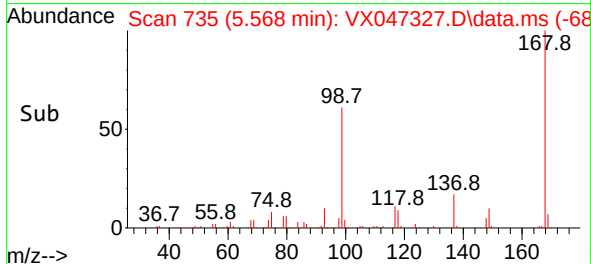
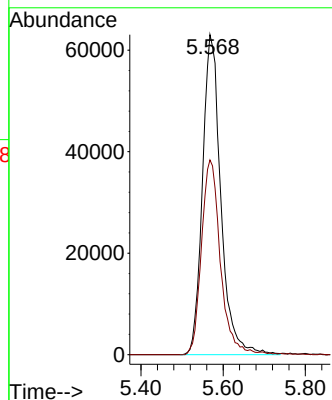
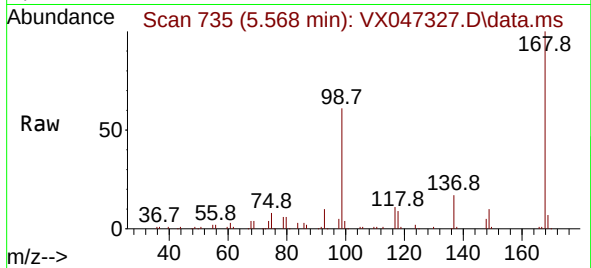




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047327.D
Acq: 13 Aug 2025 16:57

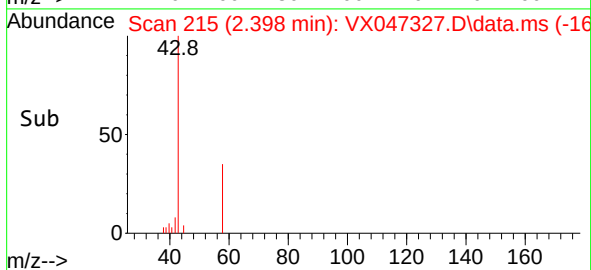
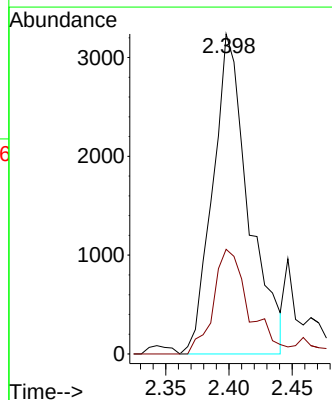
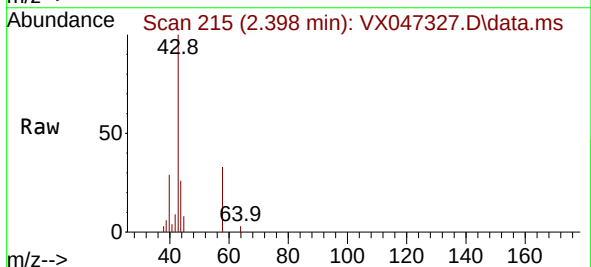
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-S

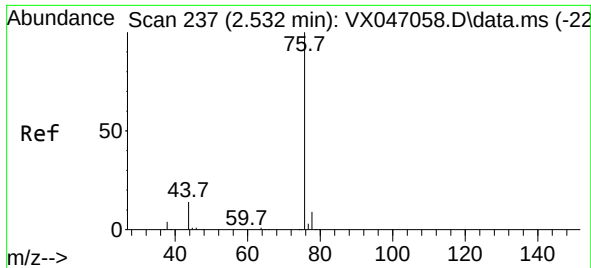
Tgt Ion:168 Resp: 195459
Ion Ratio Lower Upper
168 100
99 60.8 48.0 72.0



#16
Acetone
Concen: 6.530 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047327.D
Acq: 13 Aug 2025 16:57

Tgt Ion: 43 Resp: 6369
Ion Ratio Lower Upper
43 100
58 28.9 24.0 36.0





#17

Carbon Disulfide

Concen: 0.774 ug/l

RT: 2.538 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX047327.D

Acq: 13 Aug 2025 16:57

Instrument :

MSVOA_X

ClientSampleId :

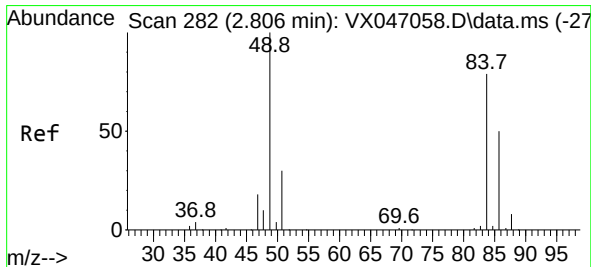
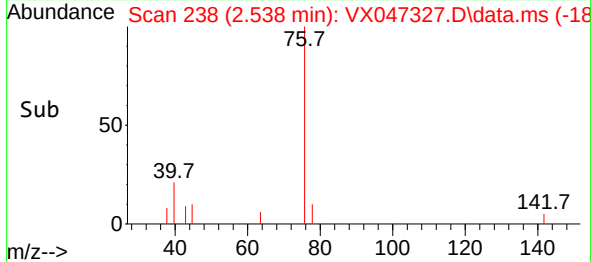
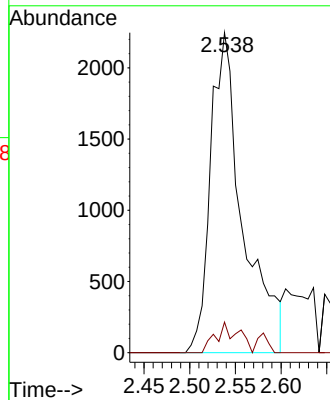
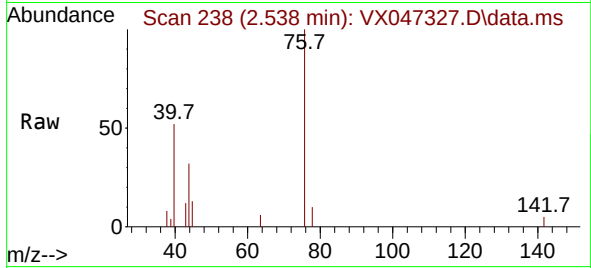
TW-10P-S

Tgt Ion: 76 Resp: 5503

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#20

Methylene Chloride

Concen: 0.266 ug/l

RT: 2.812 min Scan# 283

Delta R.T. 0.006 min

Lab File: VX047327.D

Acq: 13 Aug 2025 16:57

Tgt Ion: 84 Resp: 713

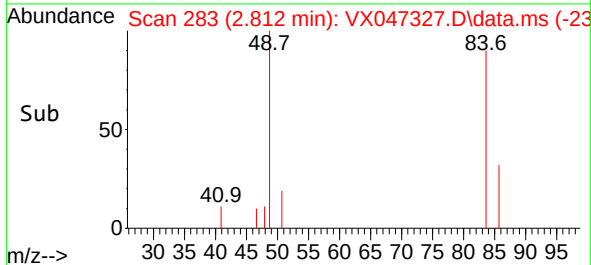
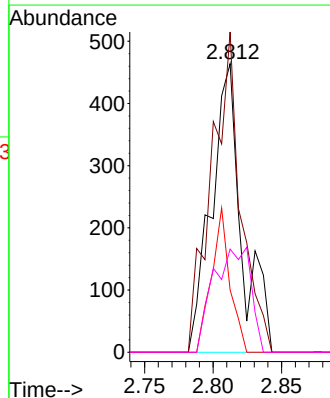
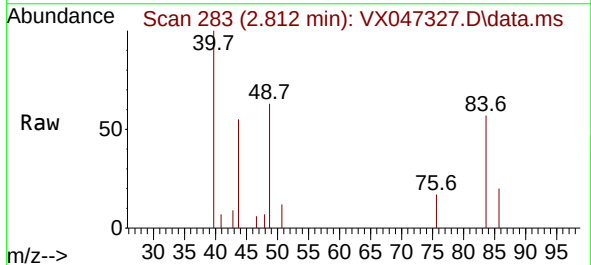
Ion Ratio Lower Upper

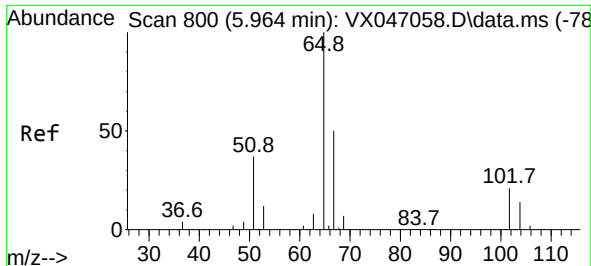
84 100

49 111.0 101.6 152.4

51 21.6 30.3 45.5#

86 35.8 50.6 75.8#

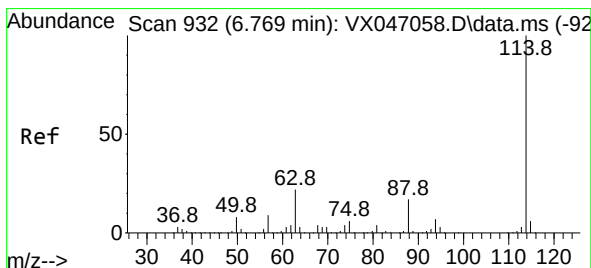
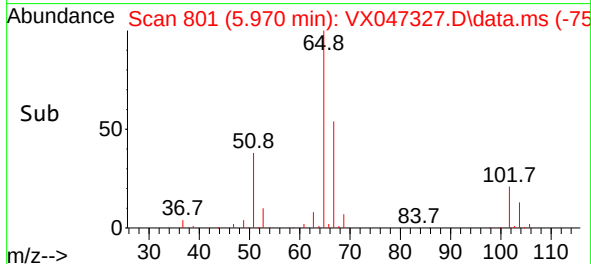
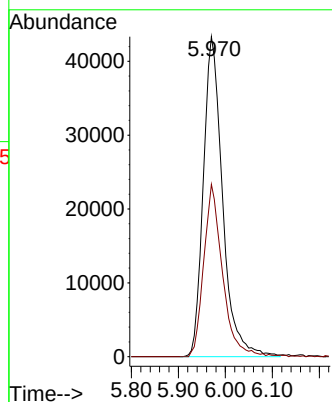
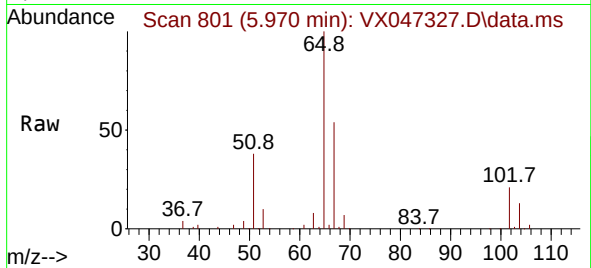




#33
 1,2-Dichloroethane-d4
 Concen: 50.632 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047327.D
 Acq: 13 Aug 2025 16:57

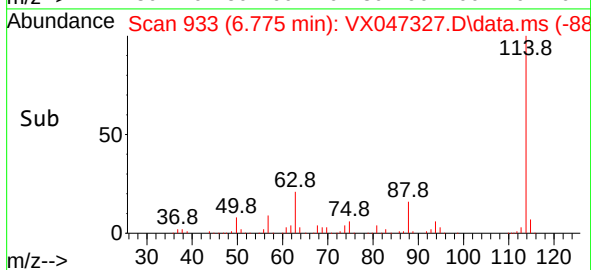
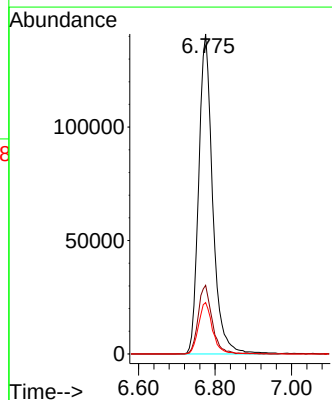
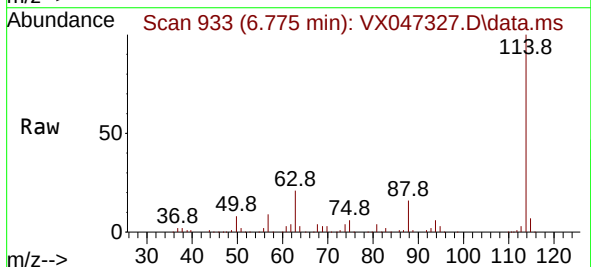
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-S

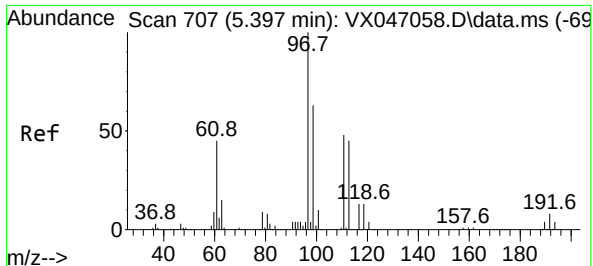
Tgt Ion: 65 Resp: 123278
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.006 min
 Lab File: VX047327.D
 Acq: 13 Aug 2025 16:57

Tgt Ion: 114 Resp: 356865
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.1 0.0 33.8

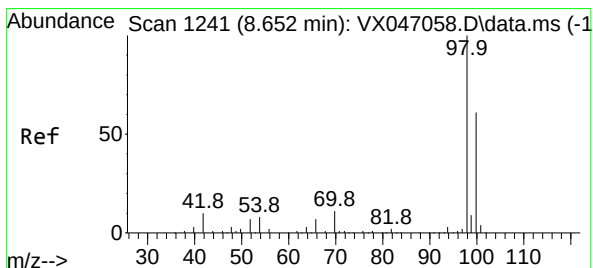
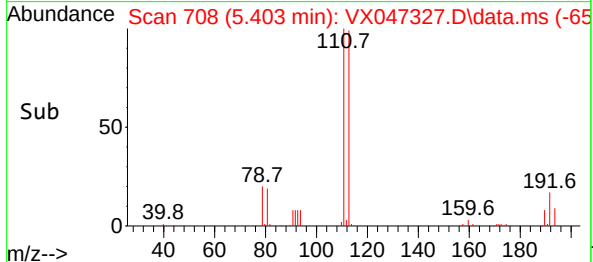
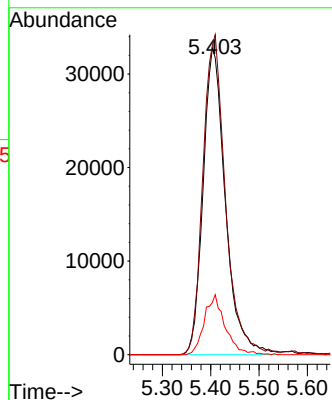
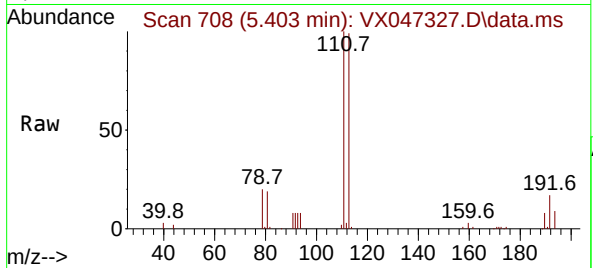




#35
Dibromofluoromethane
Concen: 47.795 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047327.D
Acq: 13 Aug 2025 16:57

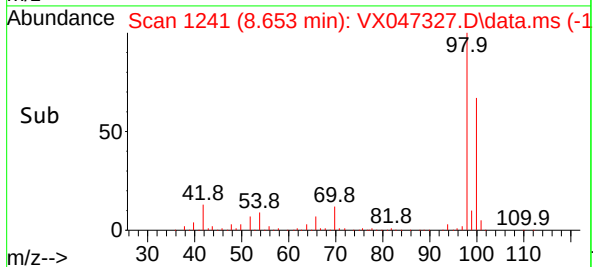
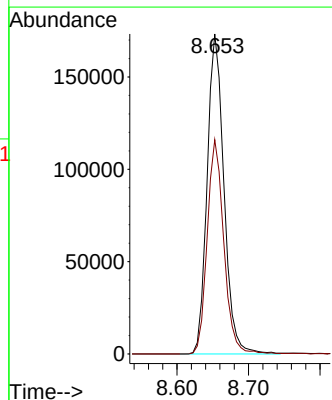
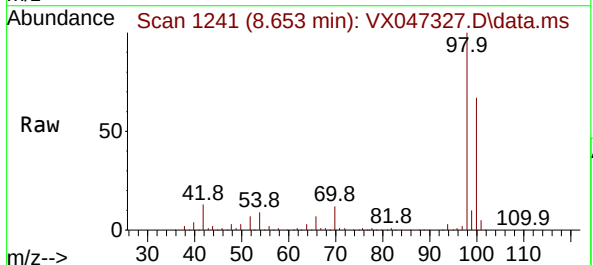
Instrument :
MSVOA_X
ClientSampleId :
TW-10P-S

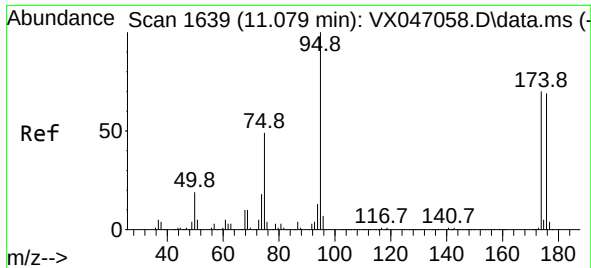
Tgt Ion:113 Resp: 105311
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 18.1 14.9 22.3



#50
Toluene-d8
Concen: 39.694 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047327.D
Acq: 13 Aug 2025 16:57

Tgt Ion: 98 Resp: 283241
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9

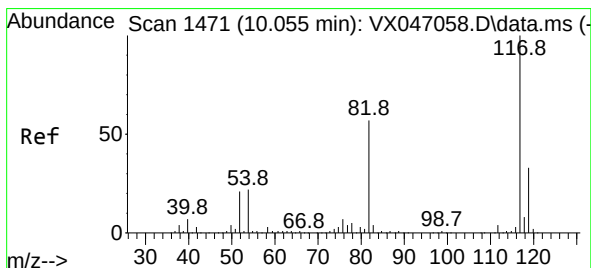
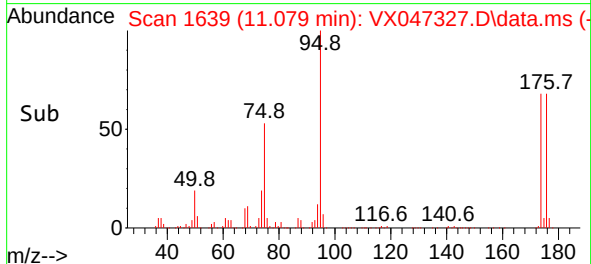
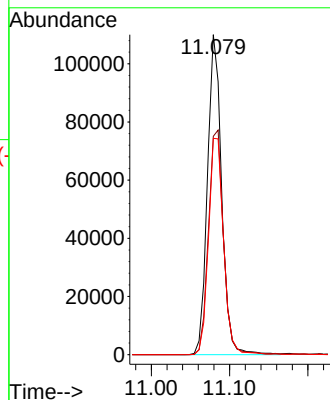
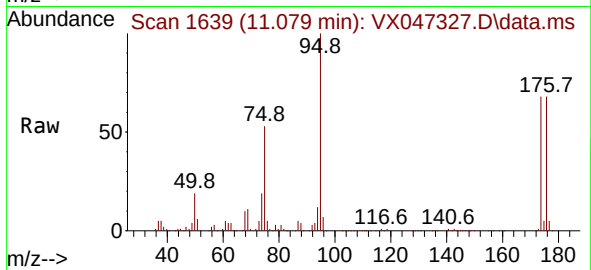




#62
4-Bromofluorobenzene
Concen: 44.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047327.D
Acq: 13 Aug 2025 16:57

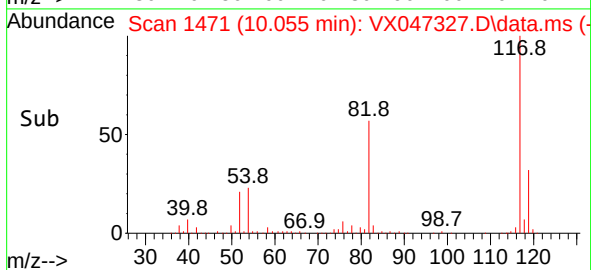
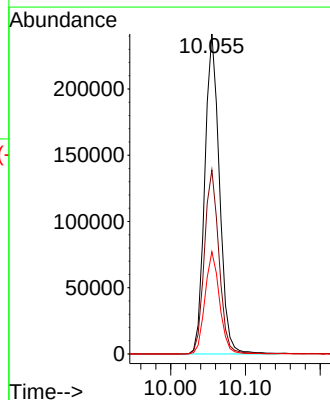
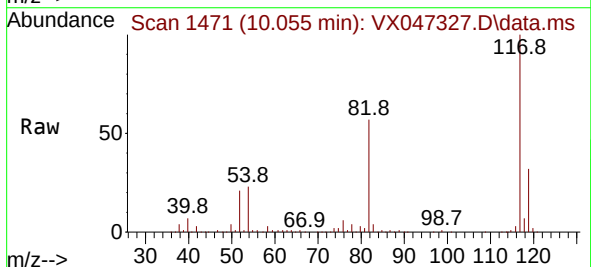
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ClientSampleId :
TW-10P-S

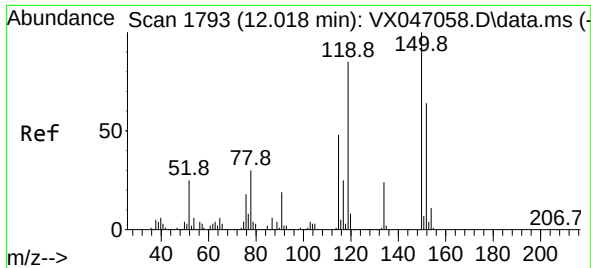
Tgt Ion: 95 Resp: 138244
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.6
176 71.9 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047327.D
Acq: 13 Aug 2025 16:57

Tgt Ion: 117 Resp: 329830
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 31.9 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: VX047327.D
 Acq: 13 Aug 2025 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-10P-S

Tgt Ion:152 Resp: 168780
 Ion Ratio Lower Upper
 152 100
 115 60.5 45.6 136.7
 150 155.1 0.0 354.6

