

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047272.D
 Acq On : 08 Aug 2025 15:30
 Operator : JC/MD
 Sample : Q2798-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Quant Time: Aug 11 02:02:25 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)

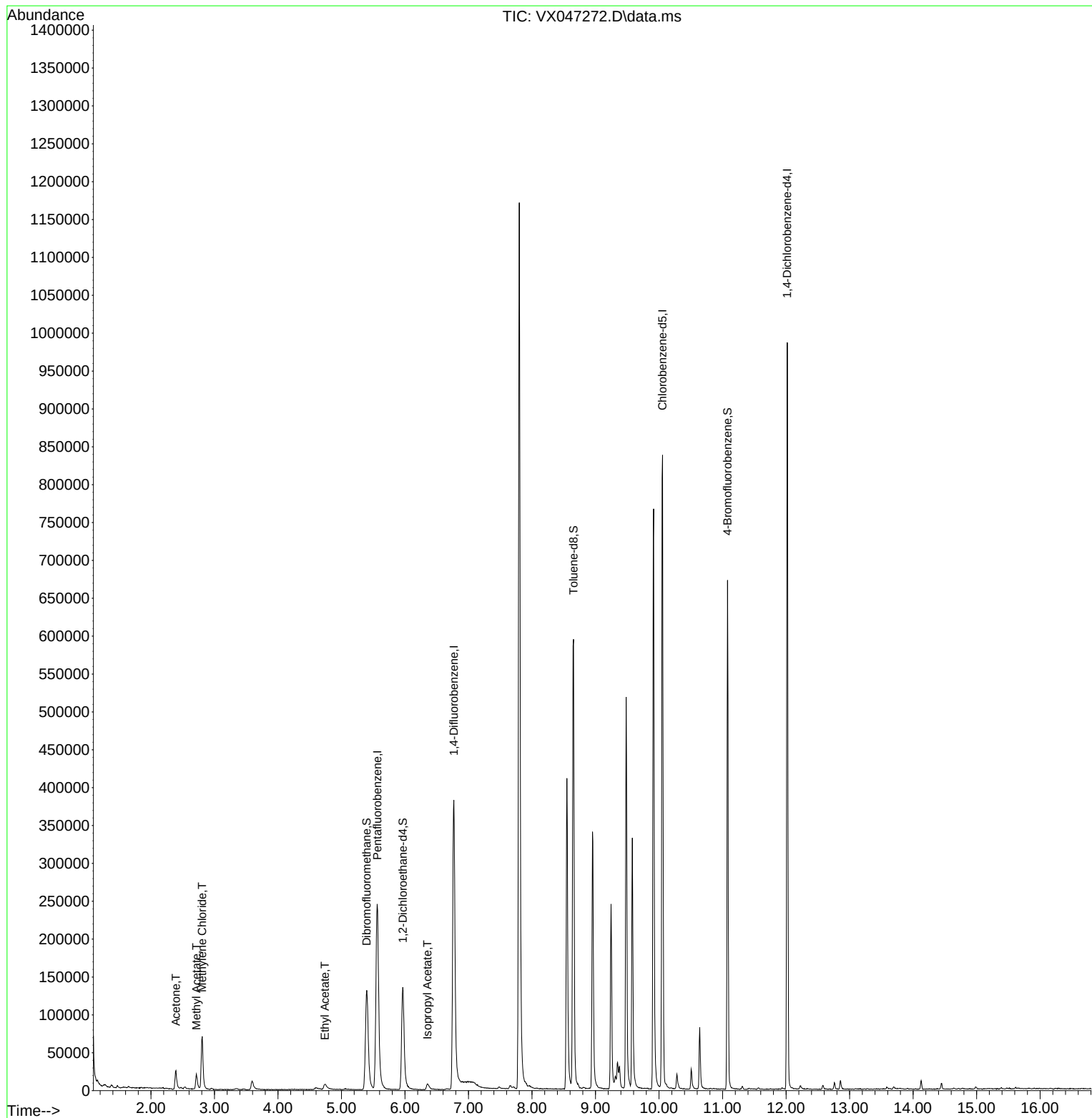
Internal Standards						
1) Pentafluorobenzene	5.562	168	244003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	420756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	193288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144563	47.561	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.120%
35) Dibromofluoromethane	5.397	113	127408	49.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	8.653	98	364016	43.267	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	86.540%#
62) 4-Bromofluorobenzene	11.079	95	176833	48.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	35688	29.309	ug/l	98
18) Methyl Acetate	2.715	43	27955	8.639	ug/l	100
20) Methylene Chloride	2.806	84	35358	10.555	ug/l	98
37) Ethyl Acetate	4.739	43	17041	4.176	ug/l	97
43) Isopropyl Acetate	6.355	43	12572	1.976	ug/l #	90

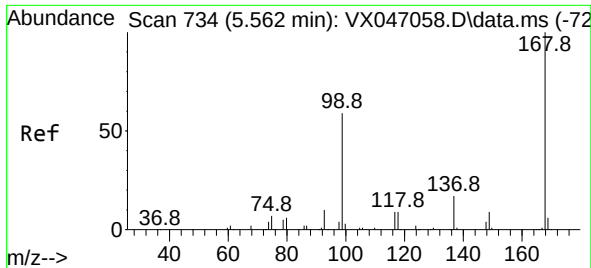
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 11 02:02:25 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

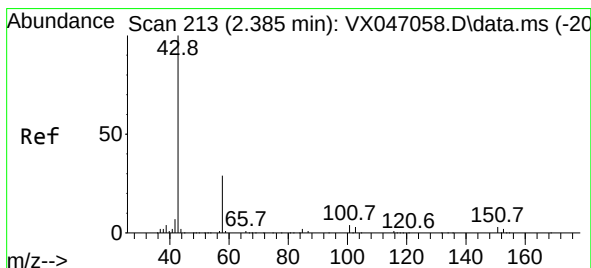
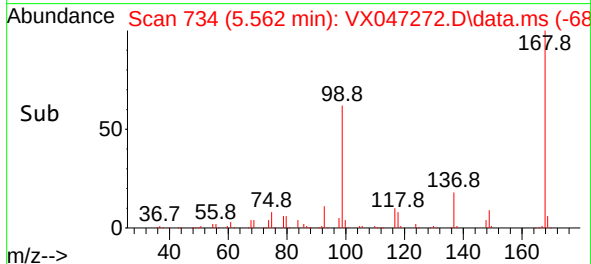
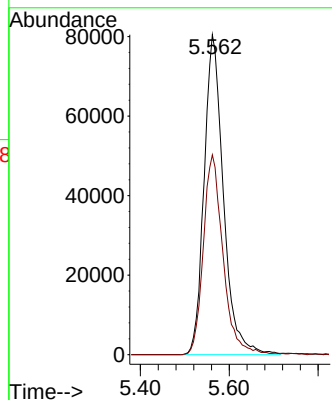
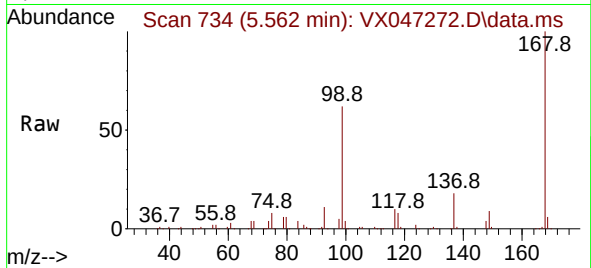




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

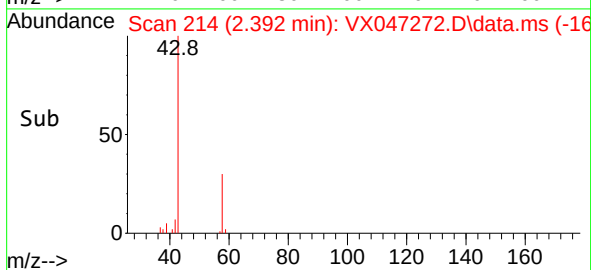
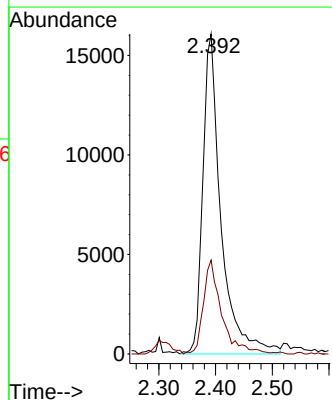
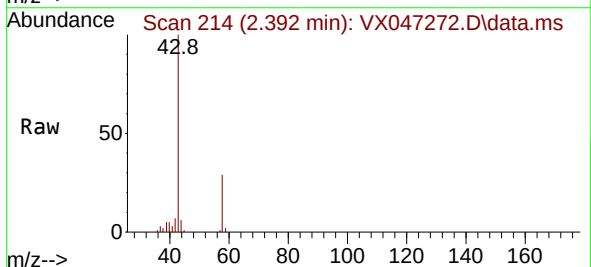
Instrument :
MSVOA_X
ClientSampleId :
TP-6

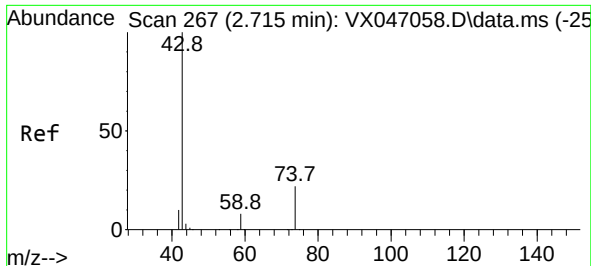
Tgt Ion:168 Resp: 244003
Ion Ratio Lower Upper
168 100
99 62.5 48.0 72.0



#16
Acetone
Concen: 29.309 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

Tgt Ion: 43 Resp: 35688
Ion Ratio Lower Upper
43 100
58 28.7 24.0 36.0





#18

Methyl Acetate

Concen: 8.639 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX047272.D

Acq: 08 Aug 2025 15:30

Instrument :

MSVOA_X

ClientSampleId :

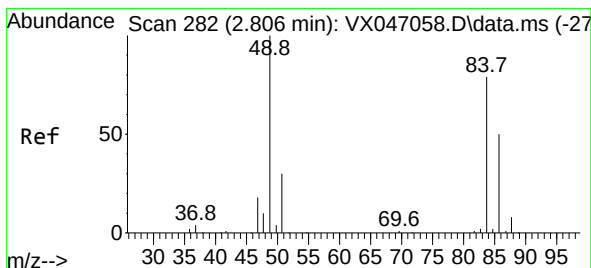
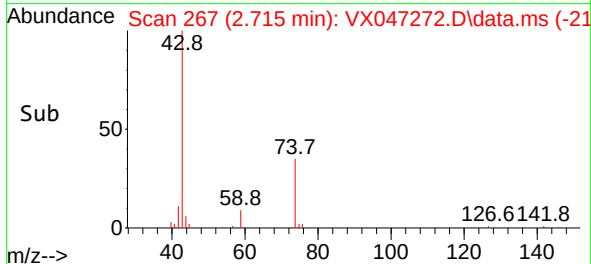
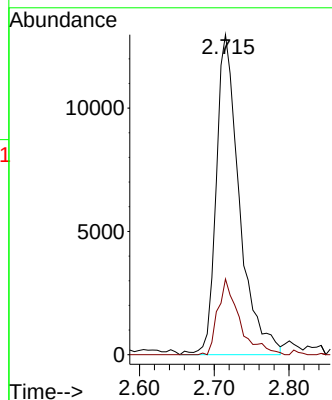
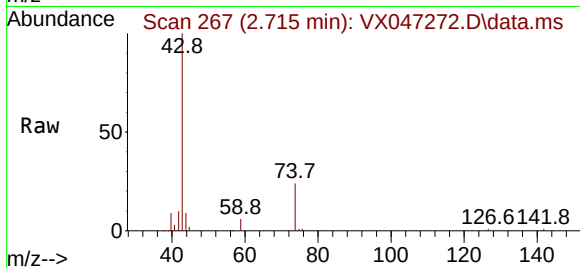
TP-6

Tgt Ion: 43 Resp: 27955

Ion Ratio Lower Upper

43 100

74 22.0 17.7 26.5



#20

Methylene Chloride

Concen: 10.555 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.000 min

Lab File: VX047272.D

Acq: 08 Aug 2025 15:30

Tgt Ion: 84 Resp: 35358

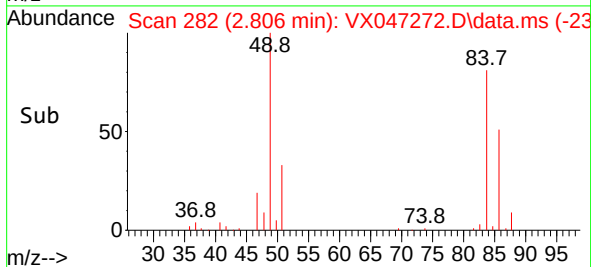
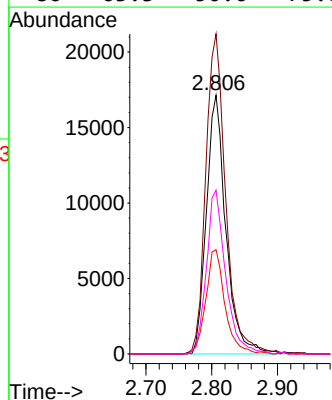
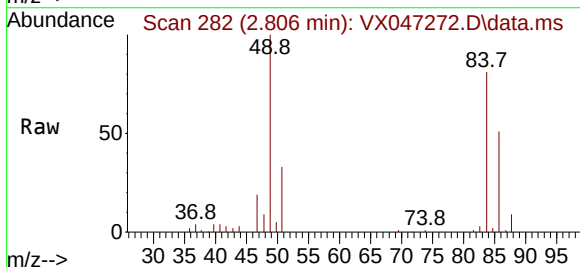
Ion Ratio Lower Upper

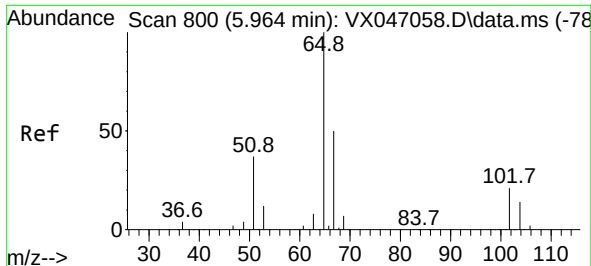
84 100

49 123.7 101.6 152.4

51 40.3 30.3 45.5

86 63.3 50.6 75.8

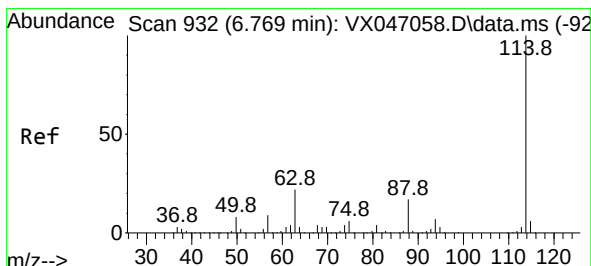
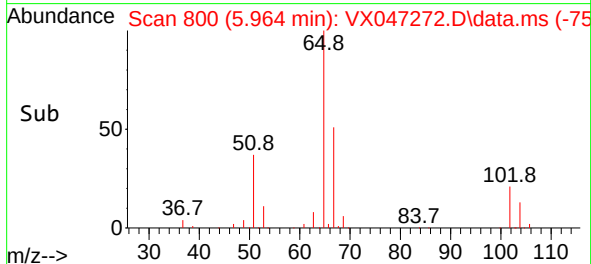
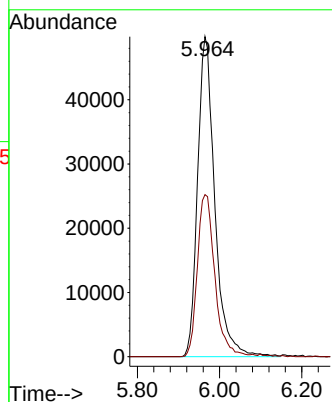
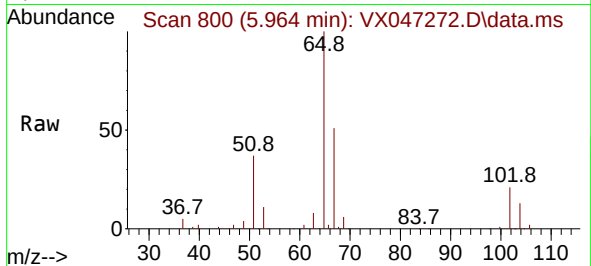




#33
 1,2-Dichloroethane-d4
 Concen: 47.561 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047272.D
 Acq: 08 Aug 2025 15:30

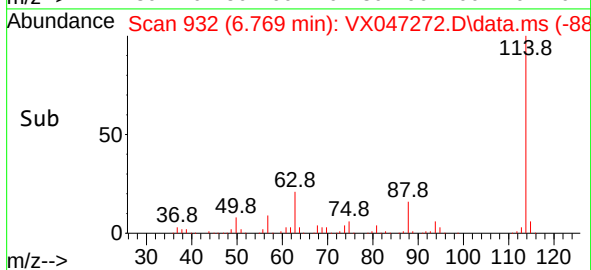
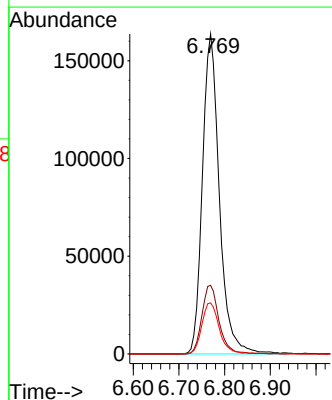
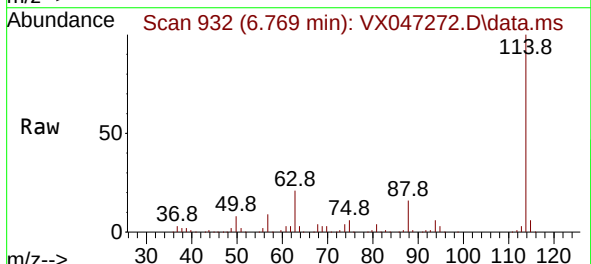
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

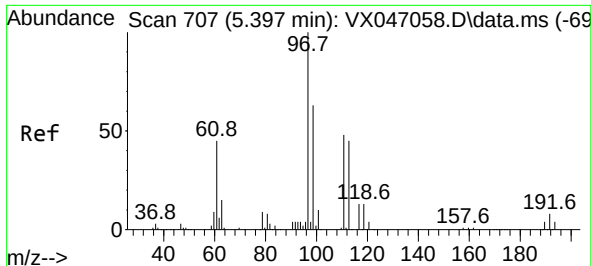
Tgt Ion: 65 Resp: 144563
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047272.D
 Acq: 08 Aug 2025 15:30

Tgt Ion: 114 Resp: 420756
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 15.9 0.0 33.8

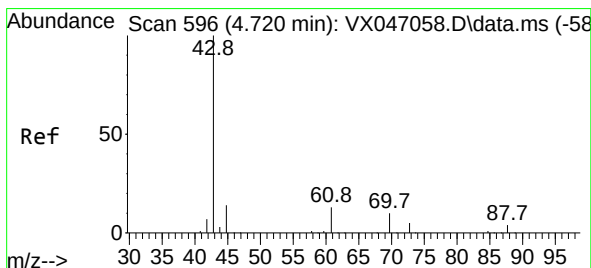
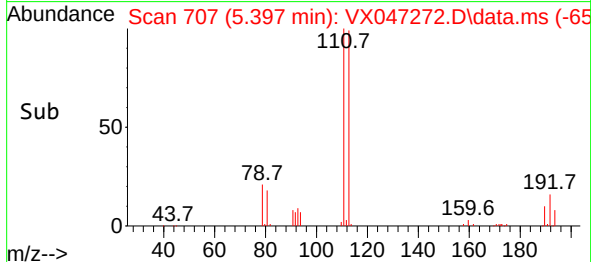
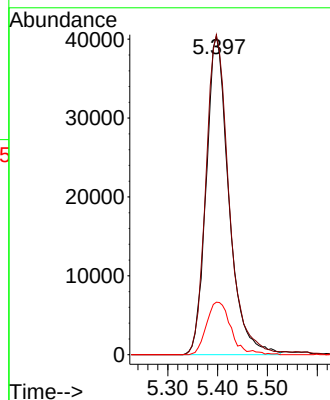
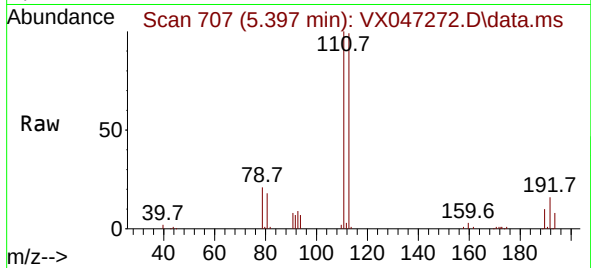




#35
Dibromofluoromethane
Concen: 49.043 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

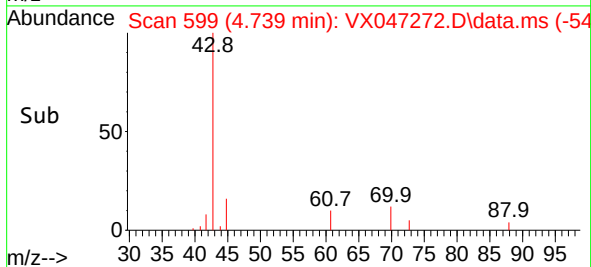
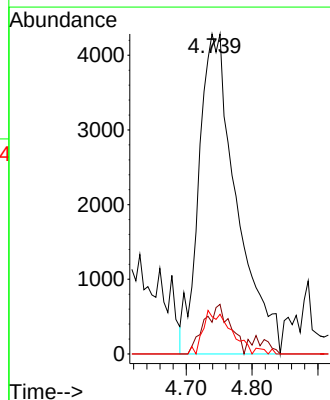
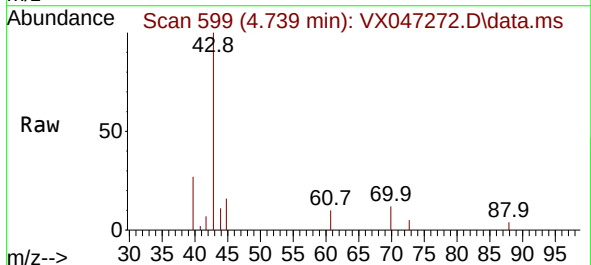
Instrument :
MSVOA_X
ClientSampleId :
TP-6

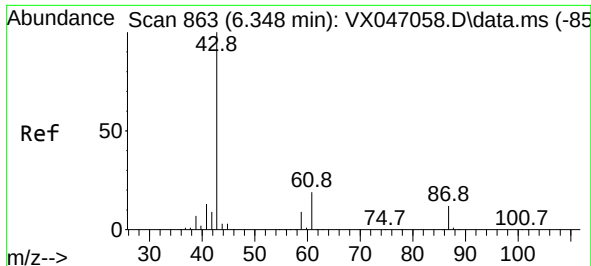
Tgt Ion:113 Resp: 127408
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 17.9 14.9 22.3



#37
Ethyl Acetate
Concen: 4.176 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.019 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

Tgt Ion: 43 Resp: 17041
Ion Ratio Lower Upper
43 100
61 10.7 10.2 15.2
70 9.7 8.1 12.1

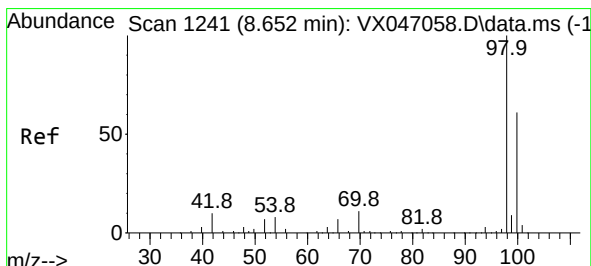
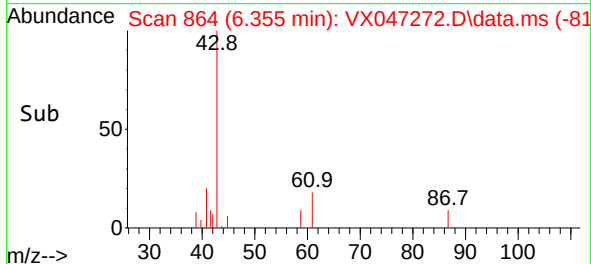
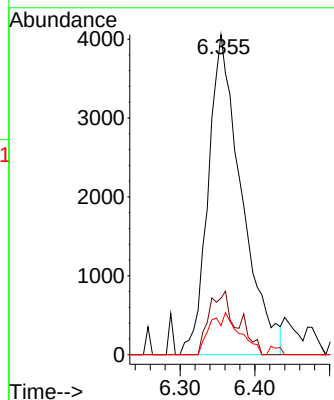
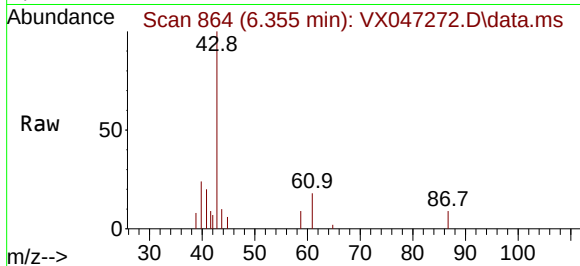




#43
Isopropyl Acetate
Concen: 1.976 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

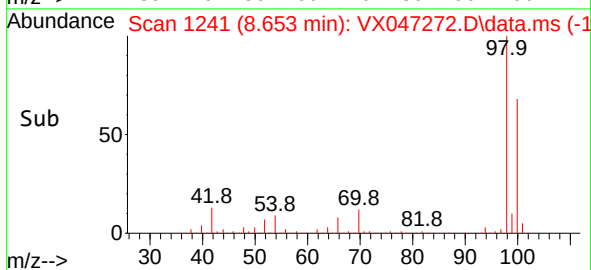
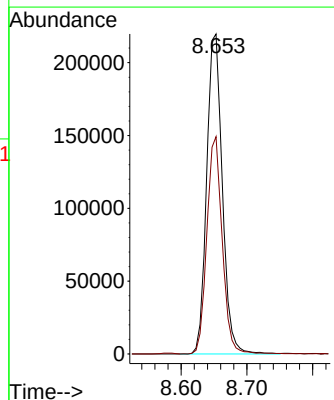
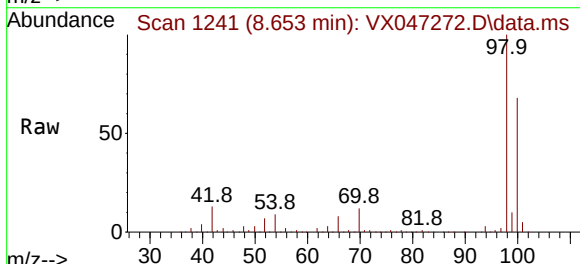
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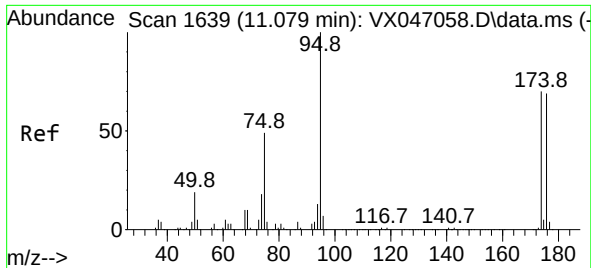
Tgt Ion: 43 Resp: 12572
Ion Ratio Lower Upper
43 100
61 16.9 15.1 22.7
87 5.0 9.7 14.5#



#50
Toluene-d8
Concen: 43.267 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

Tgt Ion: 98 Resp: 364016
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9

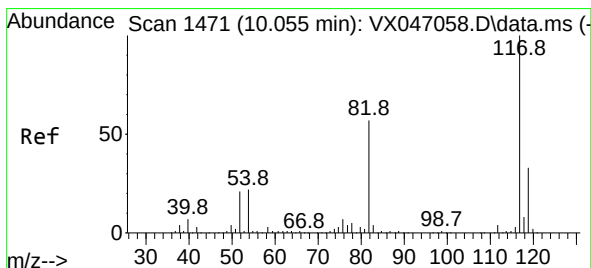
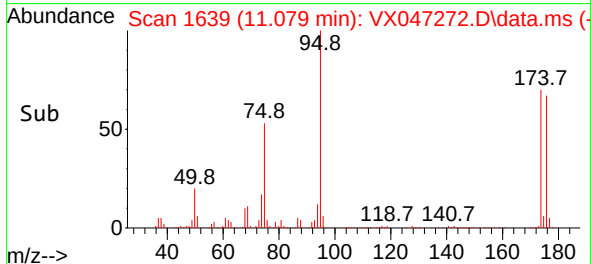
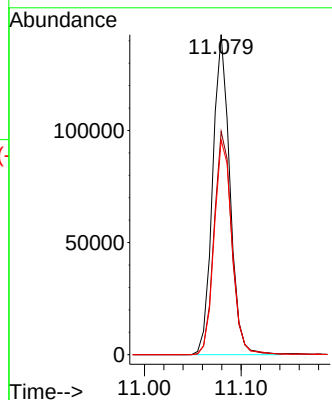
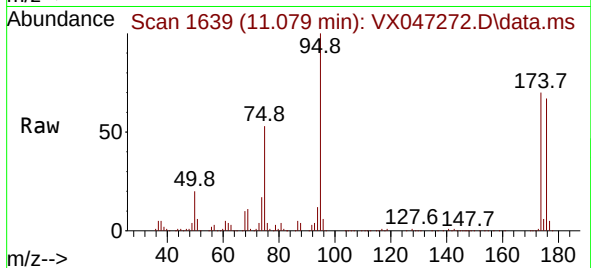




#62
4-Bromofluorobenzene
Concen: 48.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

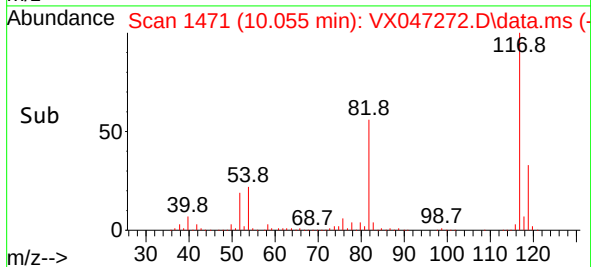
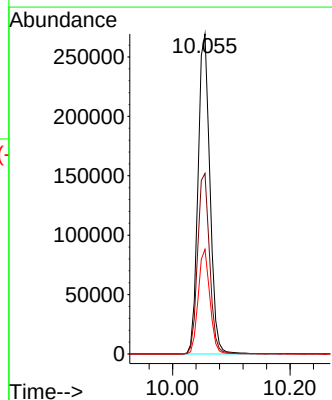
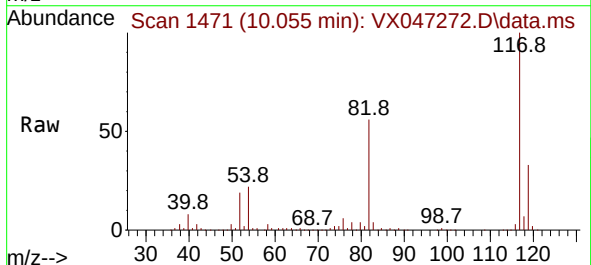
Instrument :
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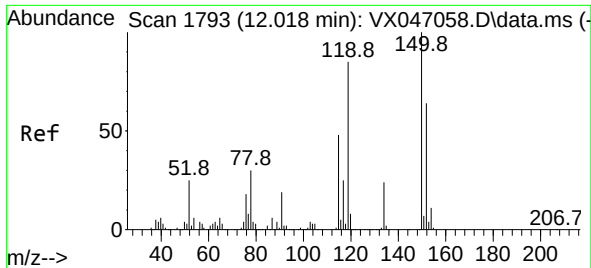
Tgt Ion: 95 Resp: 176833
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.6
176 69.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047272.D
Acq: 08 Aug 2025 15:30

Tgt Ion: 117 Resp: 377952
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 32.7 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: VX047272.D
 Acq: 08 Aug 2025 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

Tgt Ion:152 Resp: 193288
 Ion Ratio Lower Upper
 152 100
 115 62.2 45.6 136.7
 150 156.9 0.0 354.6

