

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080625\
 Data File : VX047247.D
 Acq On : 06 Aug 2025 15:12
 Operator : JC/MD
 Sample : Q2780-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Aug 07 01:19:02 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)

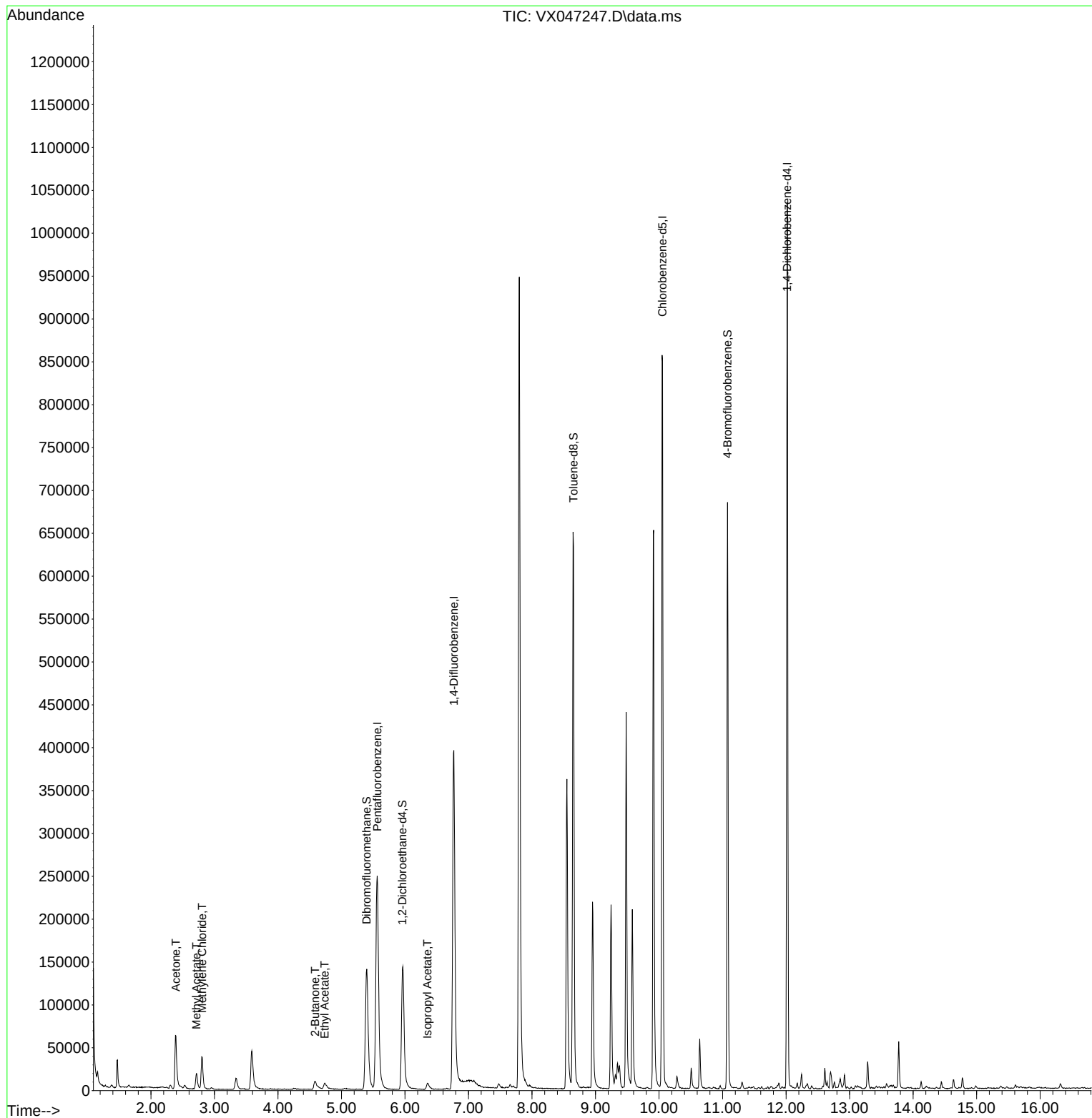
Internal Standards						
1) Pentafluorobenzene	5.562	168	252243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430102	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155522	49.495	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.000%	
35) Dibromofluoromethane	5.397	113	133811	50.388	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.780%	
50) Toluene-d8	8.653	98	393341	45.737	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.480%#	
62) 4-Bromofluorobenzene	11.079	95	186769	50.394	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.780%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	89399	71.022	ug/l	93
18) Methyl Acetate	2.715	43	27955	8.357	ug/l	98
20) Methylene Chloride	2.806	84	18441	5.325	ug/l	97
25) 2-Butanone	4.587	43	21022	11.470	ug/l	92
37) Ethyl Acetate	4.733	43	17763	4.259	ug/l #	93
43) Isopropyl Acetate	6.355	43	10784	1.658	ug/l #	96

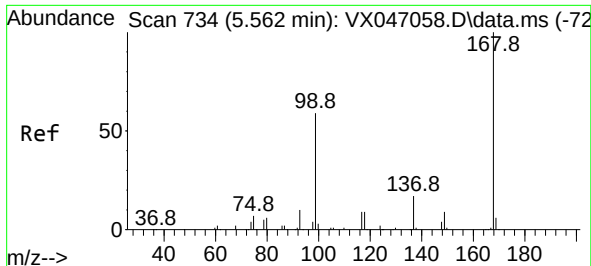
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 01:19:02 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

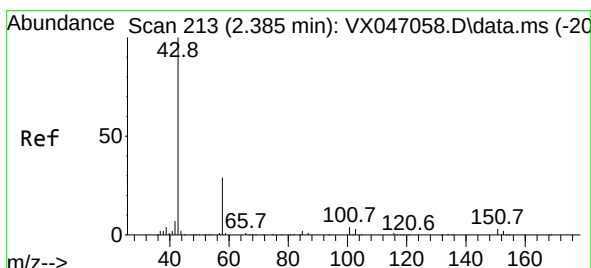
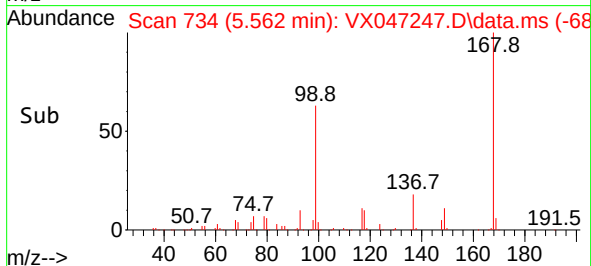
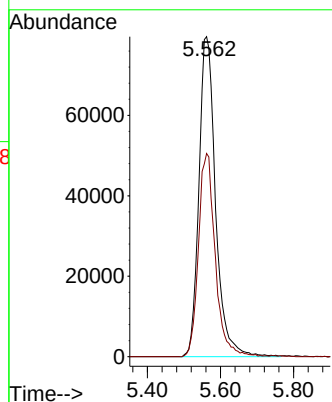
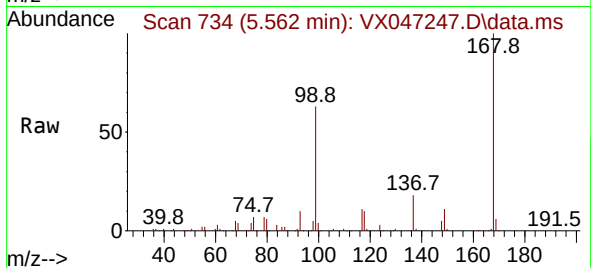




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

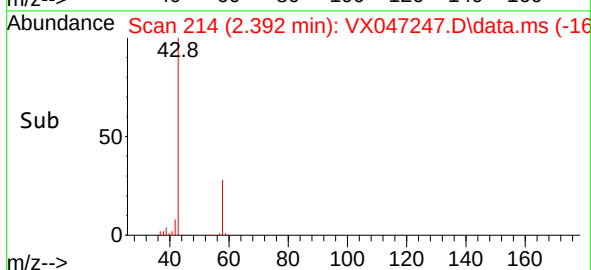
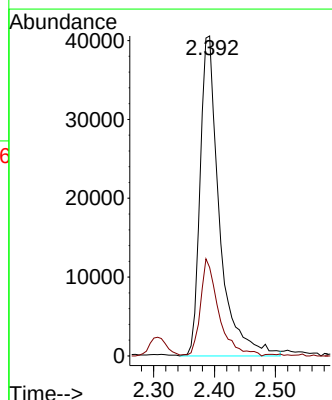
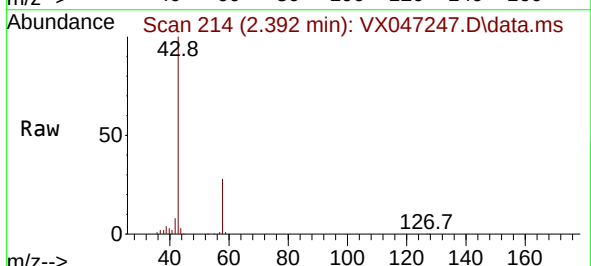
Instrument :
MSVOA_X
ClientSampleId :
TP-1

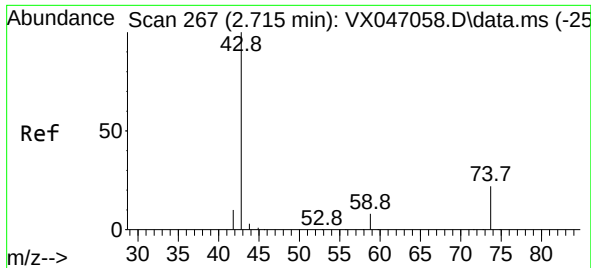
Tgt Ion:168 Resp: 252243
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0



#16
Acetone
Concen: 71.022 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

Tgt Ion: 43 Resp: 89399
Ion Ratio Lower Upper
43 100
58 26.4 24.0 36.0

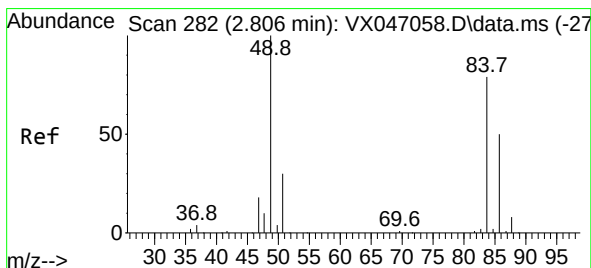
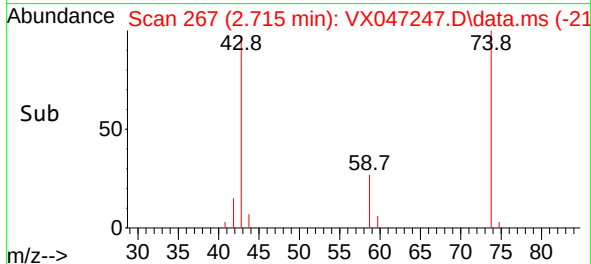
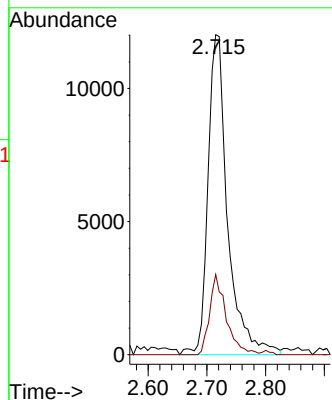
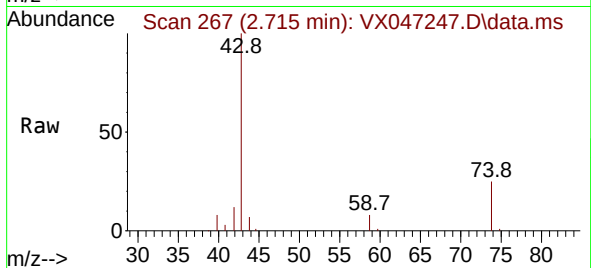




#18
Methyl Acetate
Concen: 8.357 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

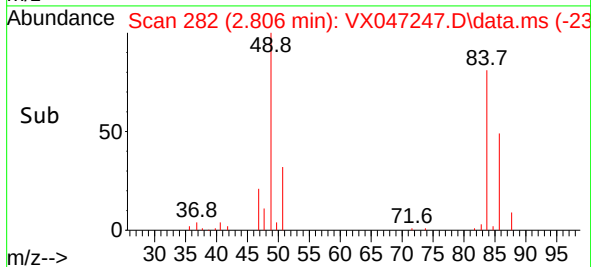
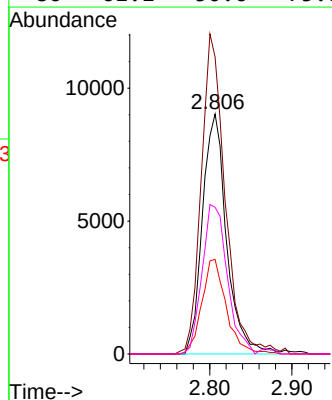
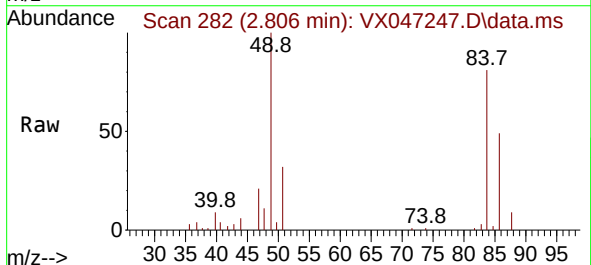
Instrument :
MSVOA_X
ClientSampleId :
TP-1

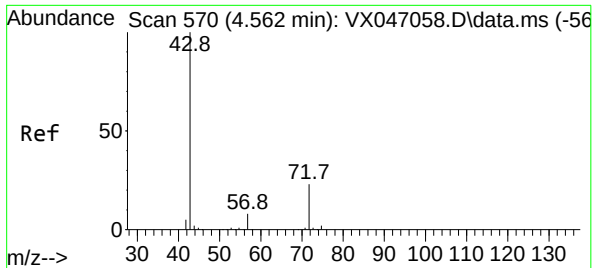
Tgt Ion: 43 Resp: 27955
Ion Ratio Lower Upper
43 100
74 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 5.325 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

Tgt Ion: 84 Resp: 18441
Ion Ratio Lower Upper
84 100
49 122.7 101.6 152.4
51 39.4 30.3 45.5
86 61.1 50.6 75.8

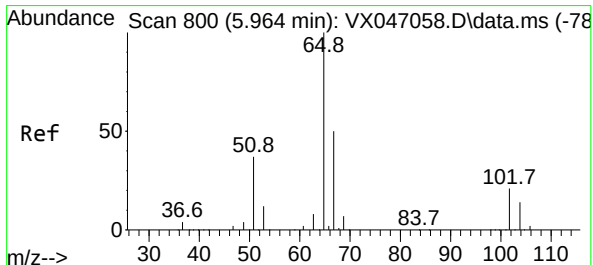
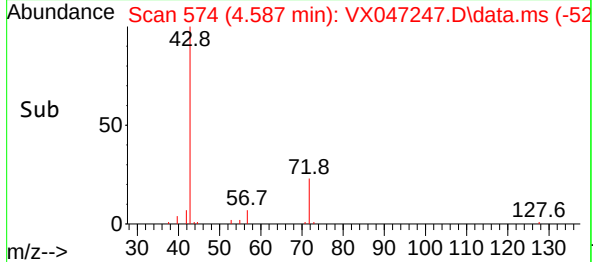
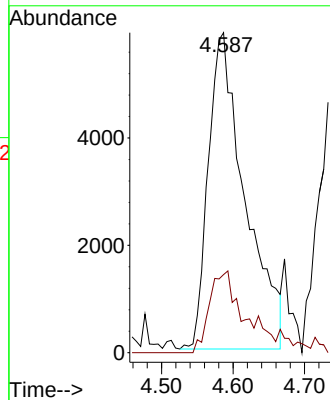
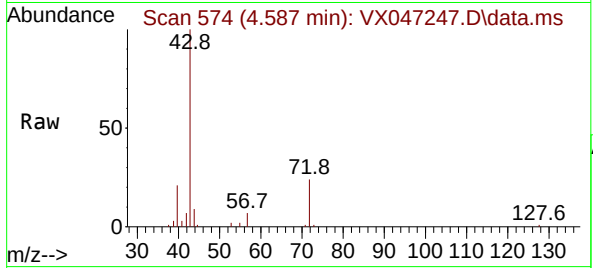




#25
2-Butanone
Concen: 11.470 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

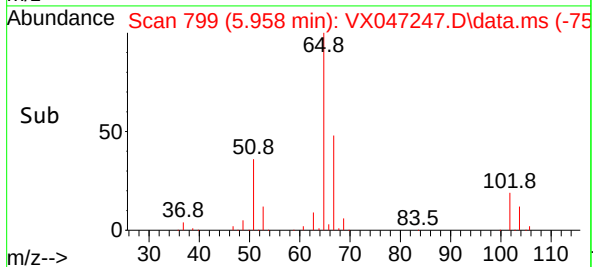
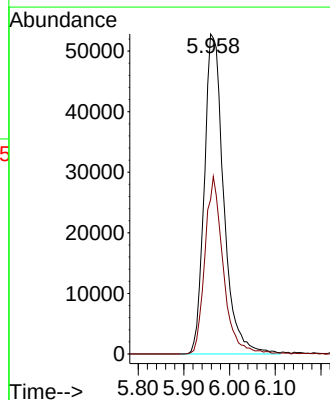
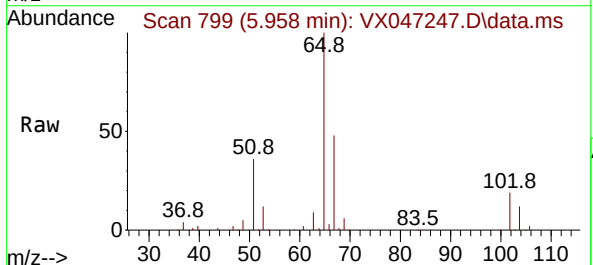
Instrument :
MSVOA_X
ClientSampleId :
TP-1

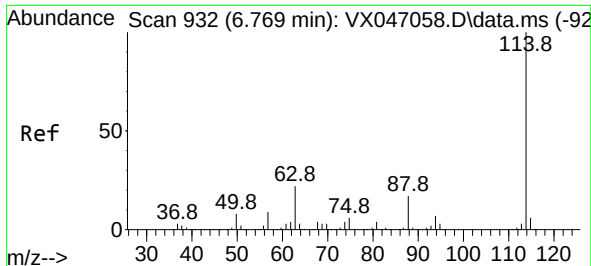
Tgt Ion: 43 Resp: 21022
Ion Ratio Lower Upper
43 100
72 27.4 18.8 28.2



#33
1,2-Dichloroethane-d4
Concen: 49.495 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

Tgt Ion: 65 Resp: 155522
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

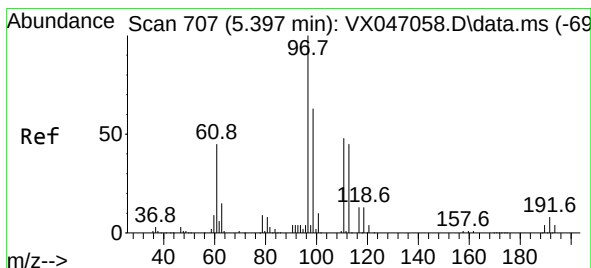
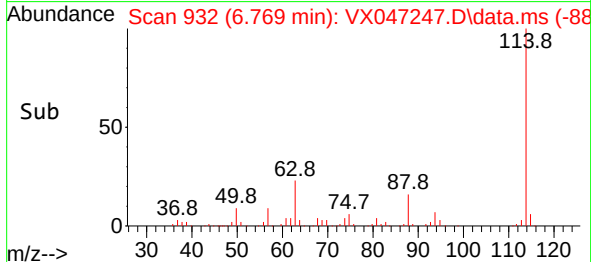
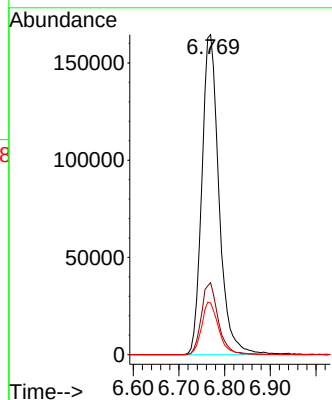
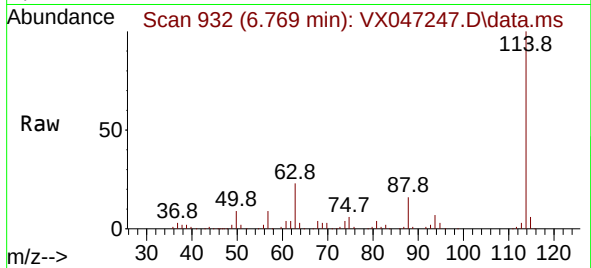




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

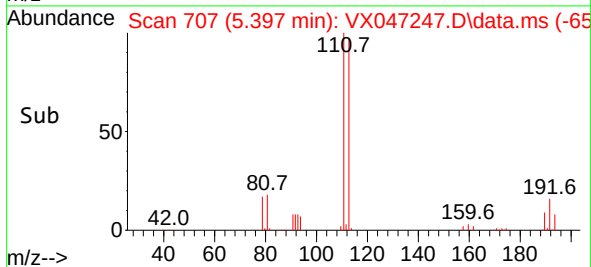
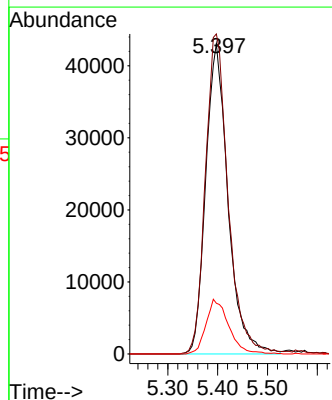
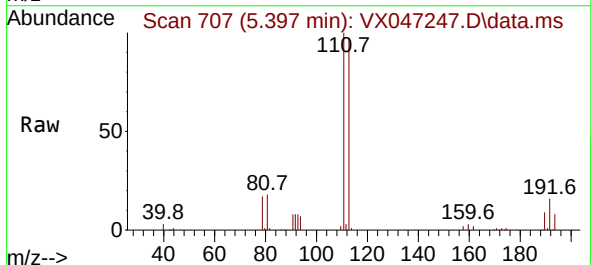
Instrument :
MSVOA_X
ClientSampleId :
TP-1

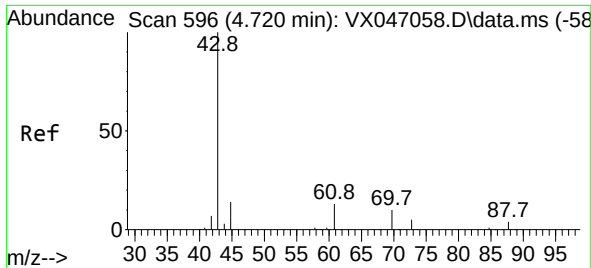
Tgt Ion:114 Resp: 430102
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 50.388 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

Tgt Ion:113 Resp: 133811
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 18.0 14.9 22.3





#37

Ethyl Acetate

Concen: 4.259 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.013 min

Lab File: VX047247.D

Acq: 06 Aug 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

TP-1

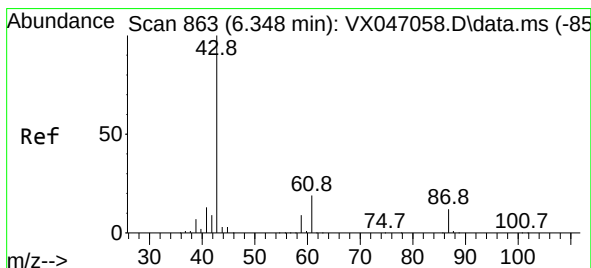
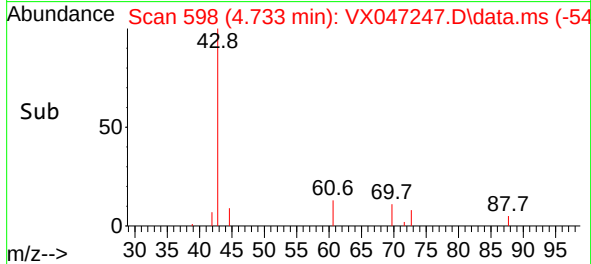
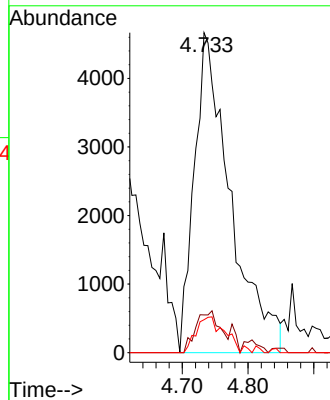
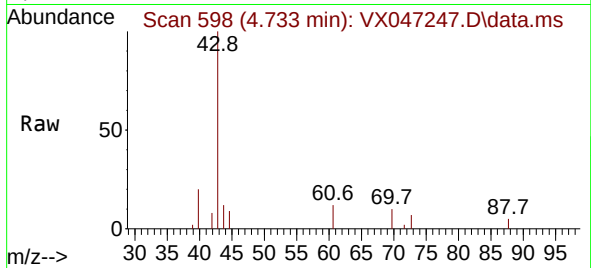
Tgt Ion: 43 Resp: 17763

Ion Ratio Lower Upper

43 100

61 8.8 10.2 15.2#

70 8.7 8.1 12.1



#43

Isopropyl Acetate

Concen: 1.658 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.007 min

Lab File: VX047247.D

Acq: 06 Aug 2025 15:12

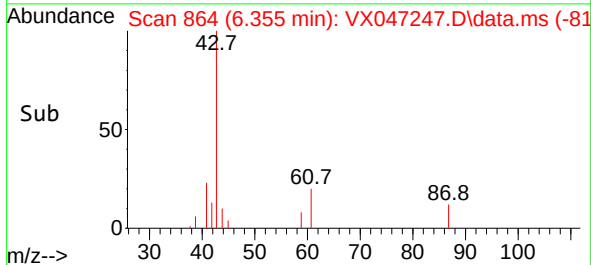
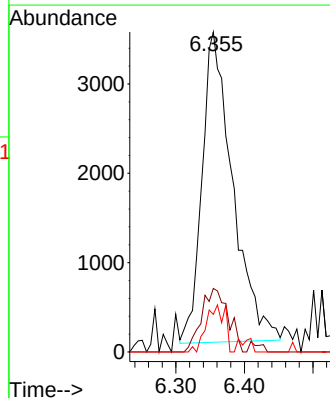
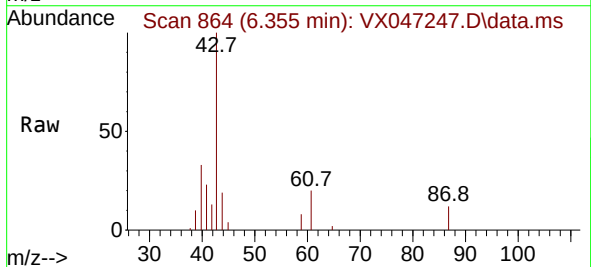
Tgt Ion: 43 Resp: 10784

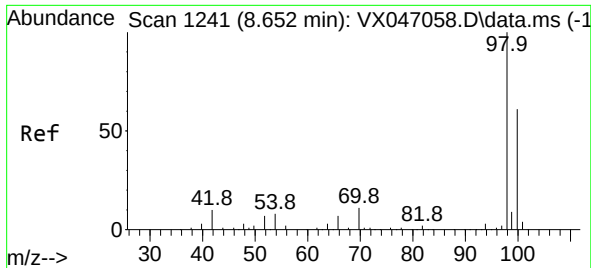
Ion Ratio Lower Upper

43 100

61 17.8 15.1 22.7

87 9.3 9.7 14.5#

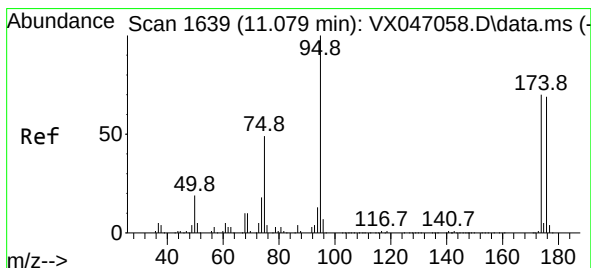
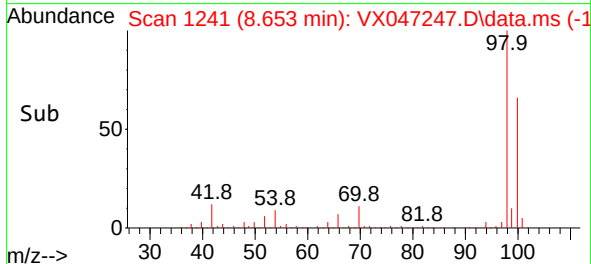
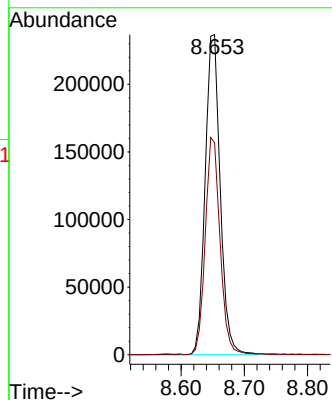
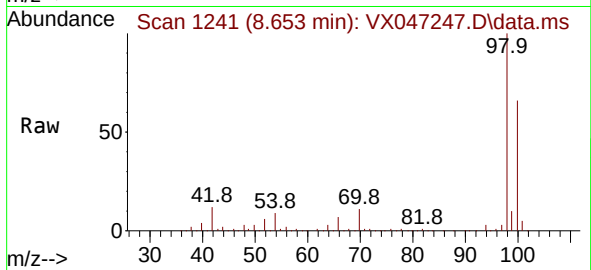




#50
Toluene-d8
Concen: 45.737 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

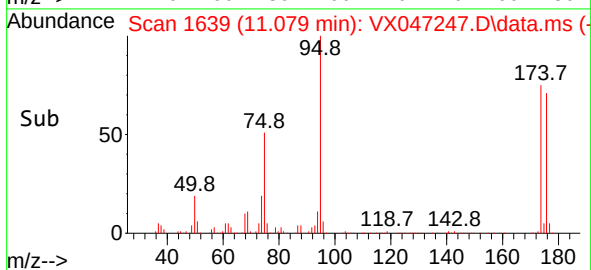
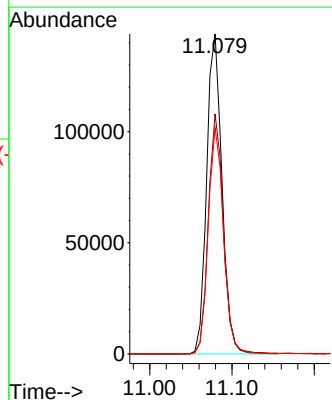
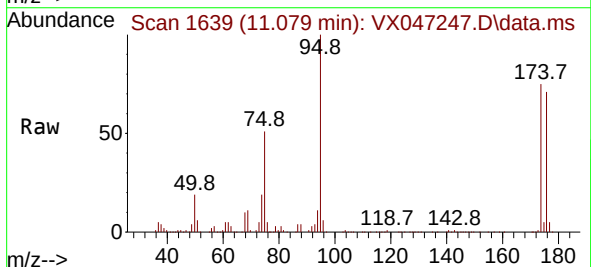
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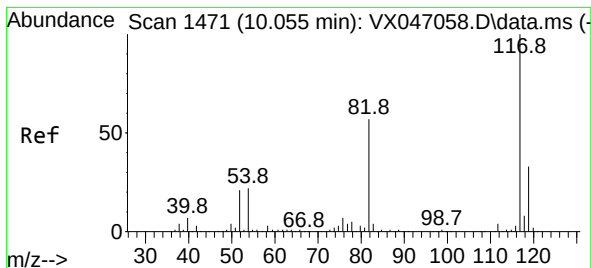
Tgt Ion: 98 Resp: 393341
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047247.D
Acq: 06 Aug 2025 15:12

Tgt Ion: 95 Resp: 186769
Ion Ratio Lower Upper
95 100
174 73.5 0.0 144.6
176 70.3 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: VX047247.D

Acq: 06 Aug 2025 15:12

Instrument :

MSVOA_X

ClientSampleId :

TP-1

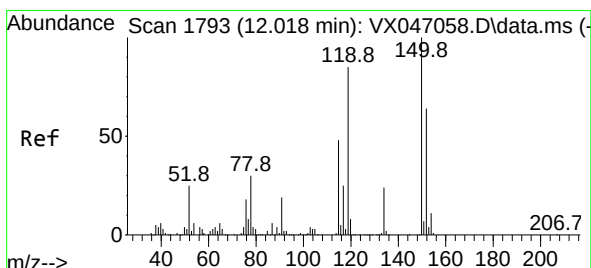
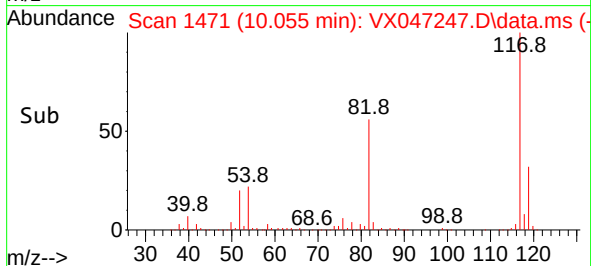
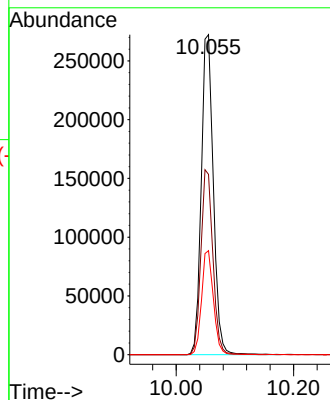
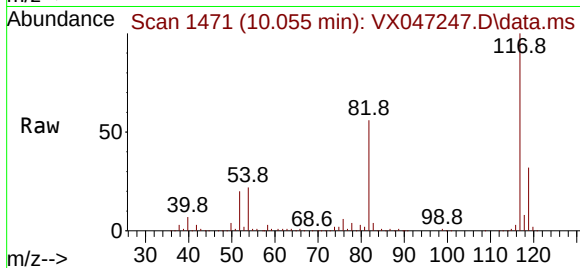
Tgt Ion:117 Resp: 388246

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.2

119 32.5 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: VX047247.D

Acq: 06 Aug 2025 15:12

Tgt Ion:152 Resp: 198824

Ion Ratio Lower Upper

152 100

115 61.9 45.6 136.7

150 157.0 0.0 354.6

