

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047161.D
 Acq On : 28 Jul 2025 13:42
 Operator : JC/MD
 Sample : PB169005TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169005TB

Quant Time: Jul 29 02:48:09 2025
 Quant Title :
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

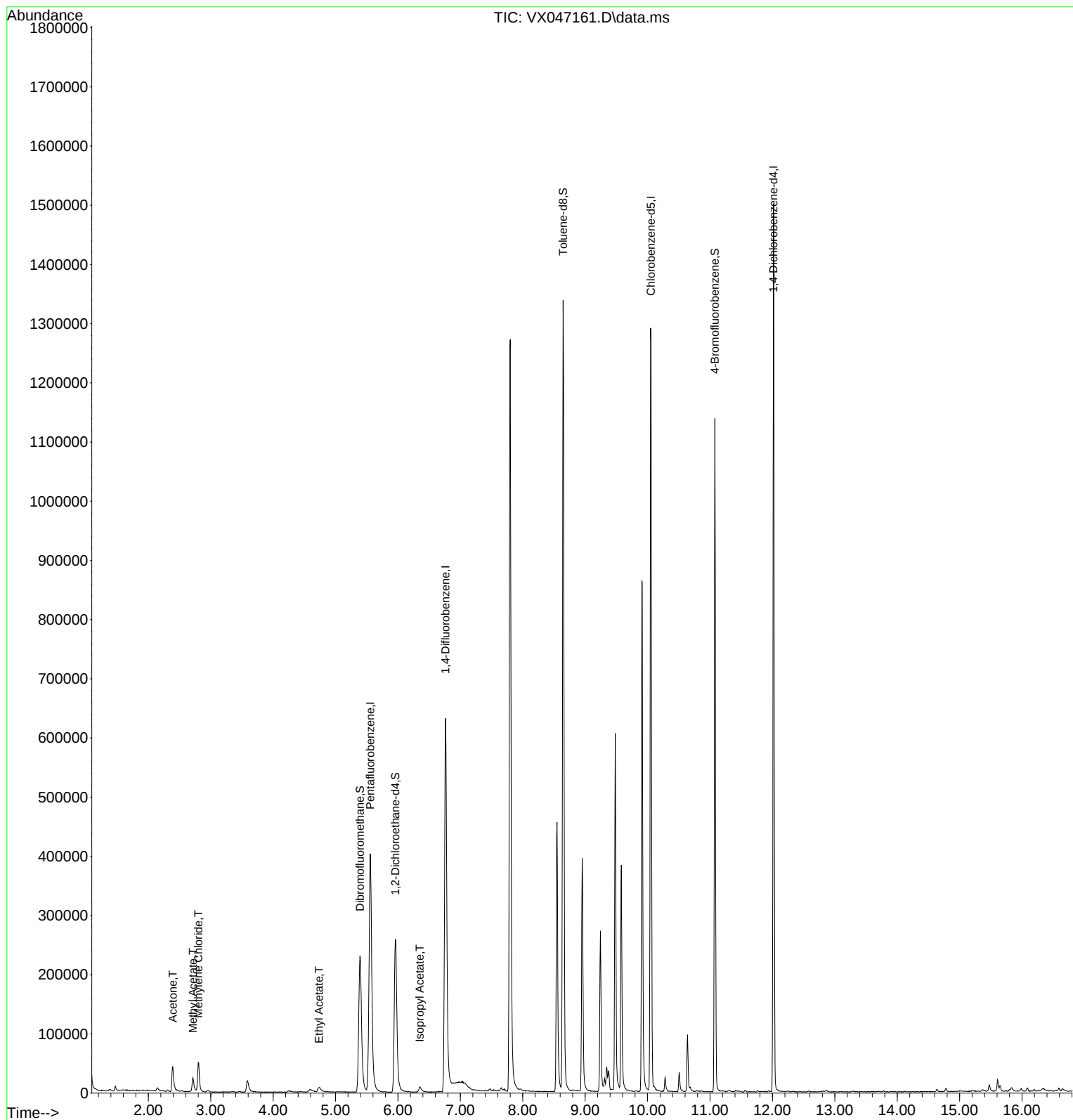
Internal Standards						
1) Pentafluorobenzene	5.556	168	392521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	672910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	582759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	296033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	281846	57.642	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	115.280%	
35) Dibromofluoromethane	5.391	113	221915	53.412	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.820%	
50) Toluene-d8	8.647	98	795902	59.152	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	118.300%#	
62) 4-Bromofluorobenzene	11.079	95	301421	51.983	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.960%	
Target Compounds						
						Qvalue
16) Acetone	2.392	43	62955	32.140	ug/l	93
18) Methyl Acetate	2.715	43	30442	5.848	ug/l	99
20) Methylene Chloride	2.800	84	24941	4.628	ug/l	93
37) Ethyl Acetate	4.733	43	18732m	2.870	ug/l	
43) Isopropyl Acetate	6.348	43	14899	1.464	ug/l	97

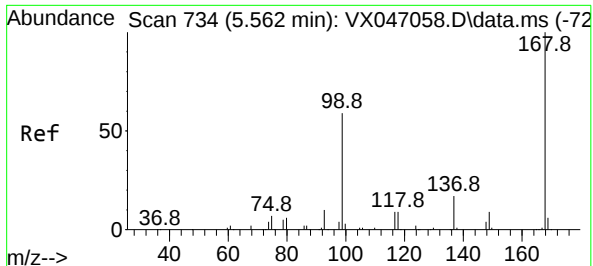
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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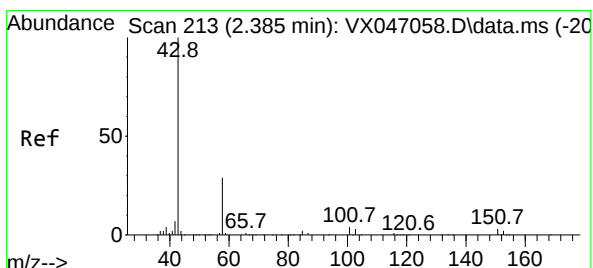
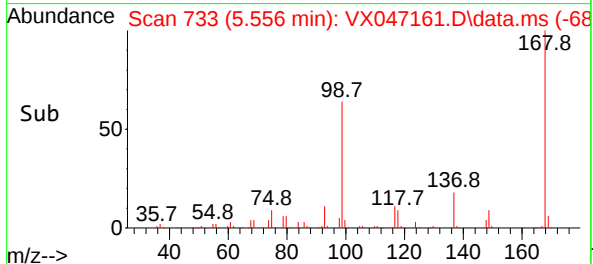
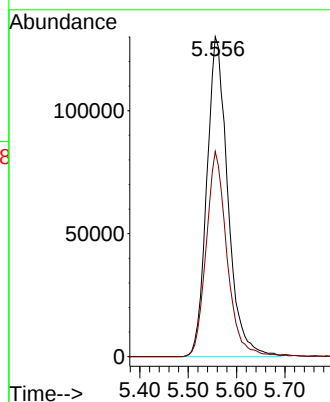
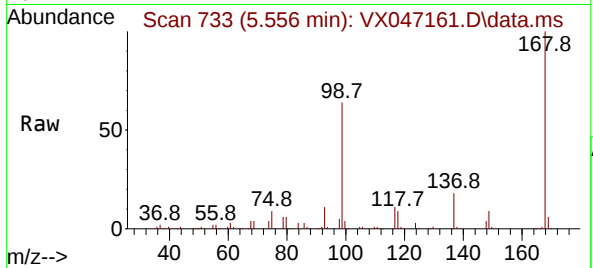




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

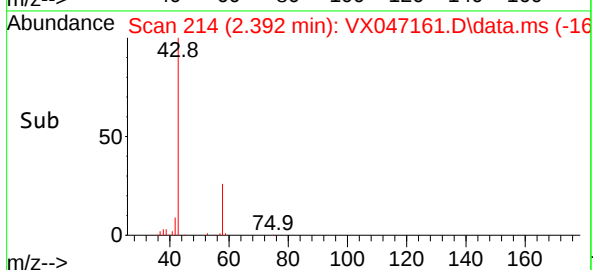
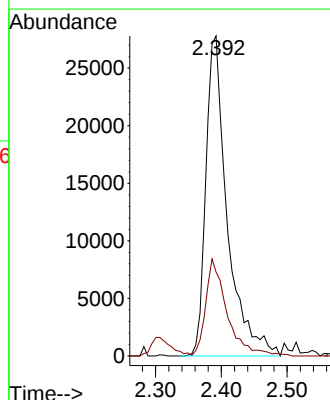
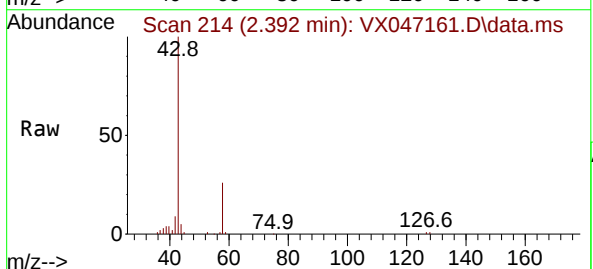
Instrument :
MSVOA_X
ClientSampleId :
PB169005TB

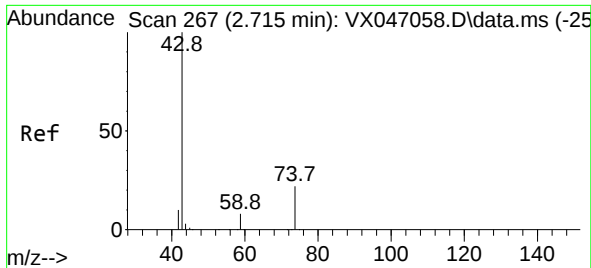
Tgt Ion:168 Resp: 392521
Ion Ratio Lower Upper
168 100
99 64.1 48.0 72.0



#16
Acetone
Concen: 32.140 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

Tgt Ion: 43 Resp: 62955
Ion Ratio Lower Upper
43 100
58 26.2 24.0 36.0

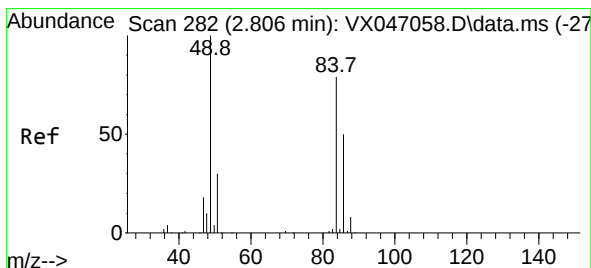
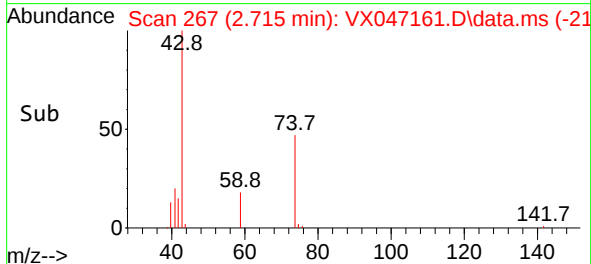
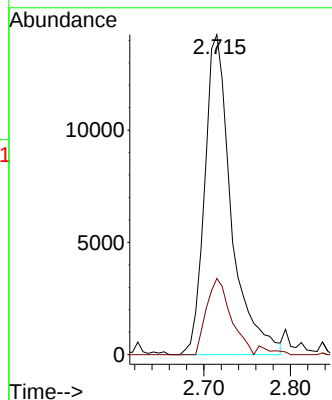
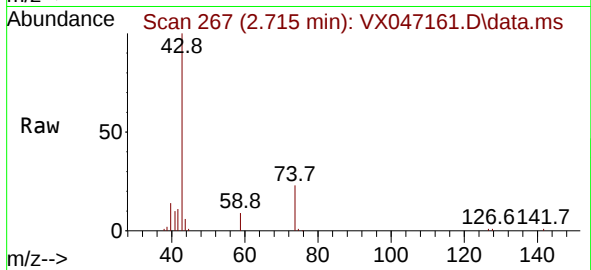




#18
Methyl Acetate
Concen: 5.848 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

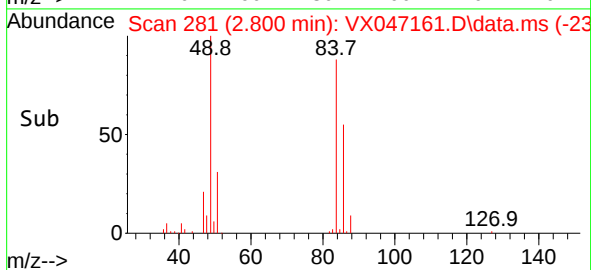
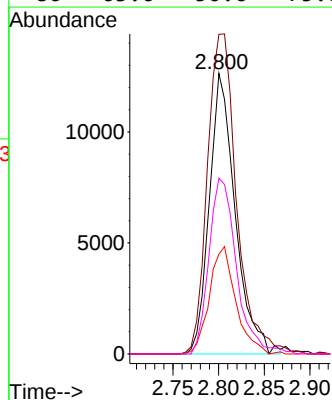
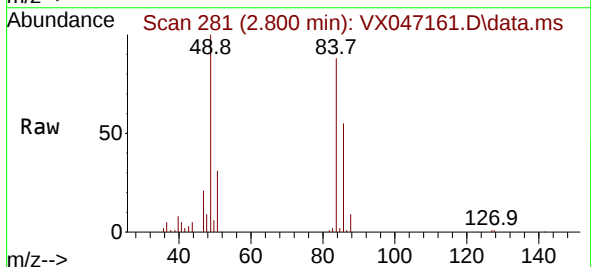
Instrument :
MSVOA_X
ClientSampleId :
PB169005TB

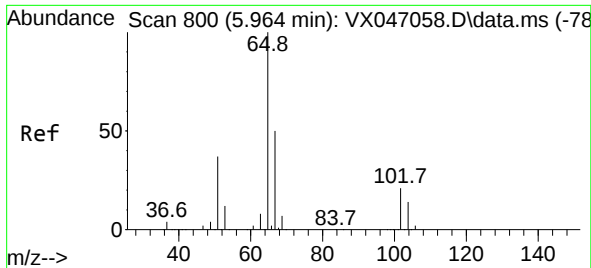
Tgt Ion: 43 Resp: 30442
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 4.628 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

Tgt Ion: 84 Resp: 24941
Ion Ratio Lower Upper
84 100
49 114.0 101.6 152.4
51 35.6 30.3 45.5
86 63.6 50.6 75.8

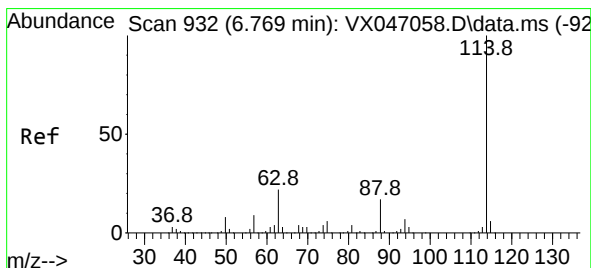
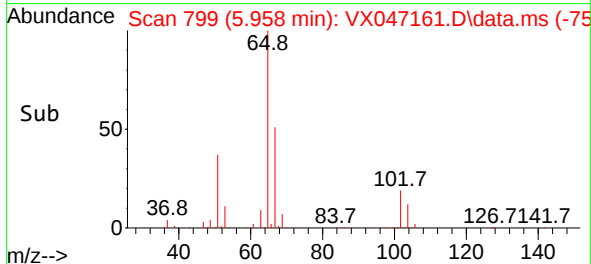
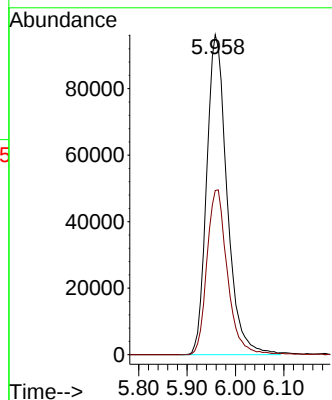
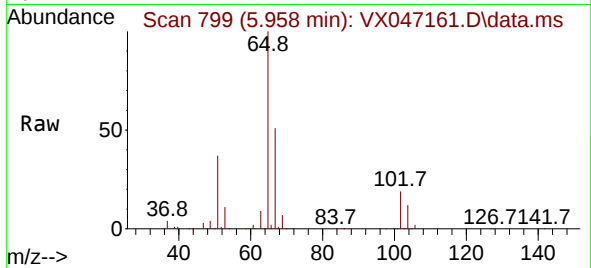




#33
1,2-Dichloroethane-d4
Concen: 57.642 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

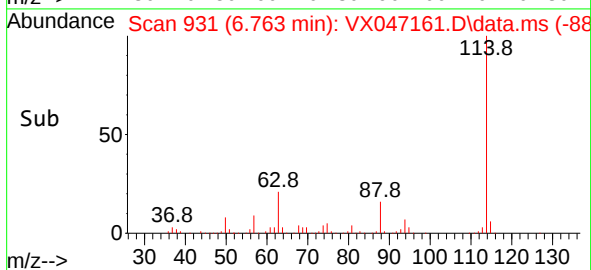
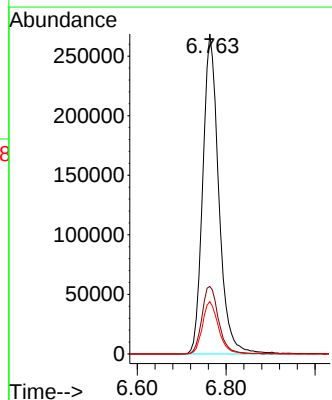
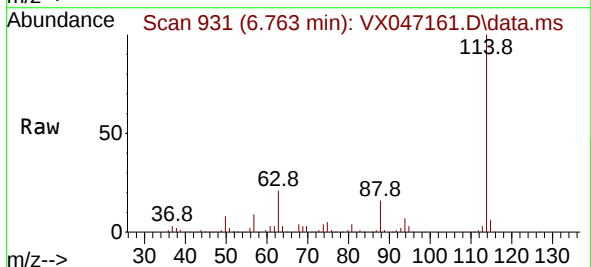
Instrument :
MSVOA_X
ClientSampleId :
PB169005TB

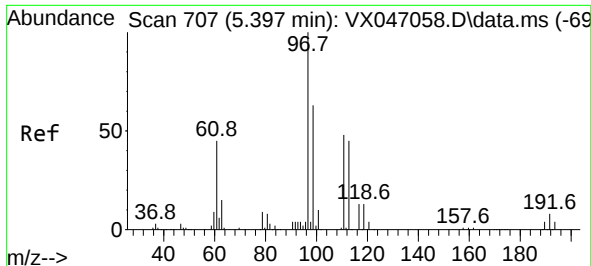
Tgt Ion: 65 Resp: 281846
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

Tgt Ion: 114 Resp: 672910
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 16.3 0.0 33.8

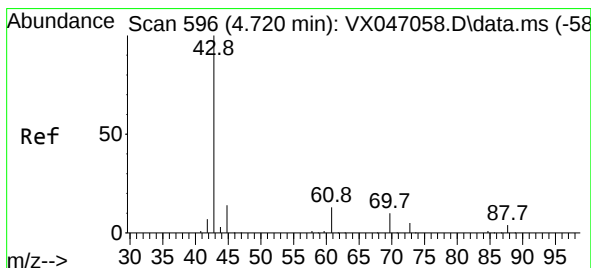
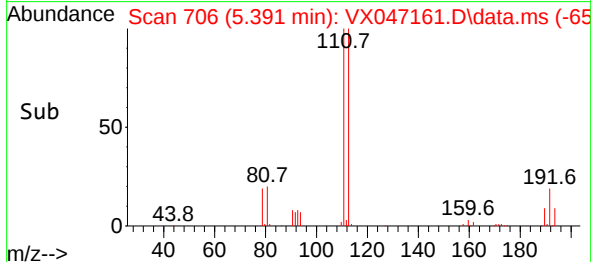
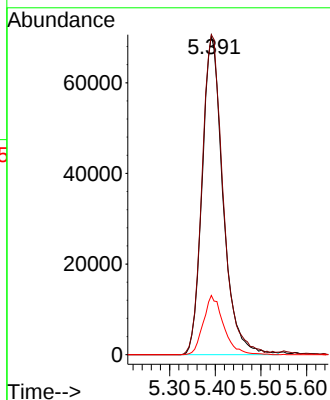
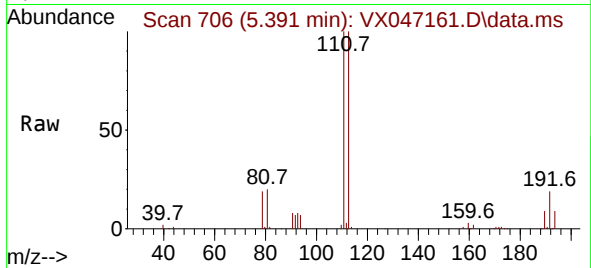




#35
Dibromofluoromethane
Concen: 53.412 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

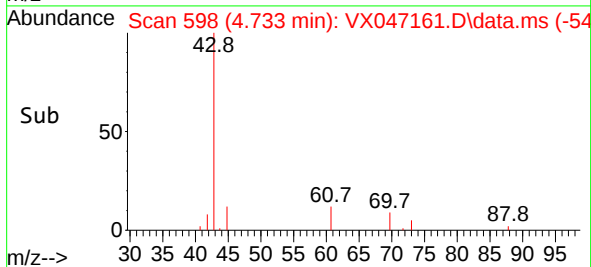
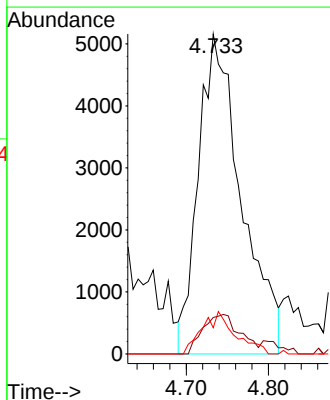
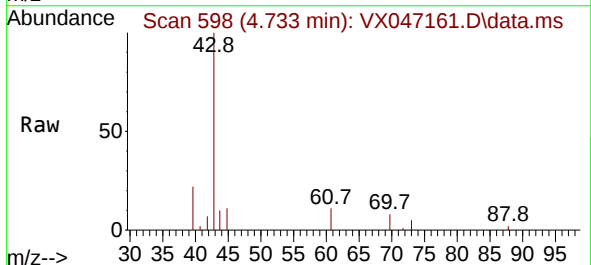
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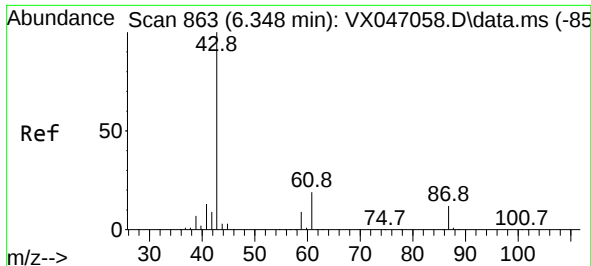
Tgt Ion:113 Resp: 221915
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.1 14.9 22.3



#37
Ethyl Acetate
Concen: 2.870 ug/l m
RT: 4.733 min Scan# 598
Delta R.T. 0.013 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

Tgt Ion: 43 Resp: 18732
Ion Ratio Lower Upper
43 100
61 10.6 10.2 15.2
70 10.2 8.1 12.1

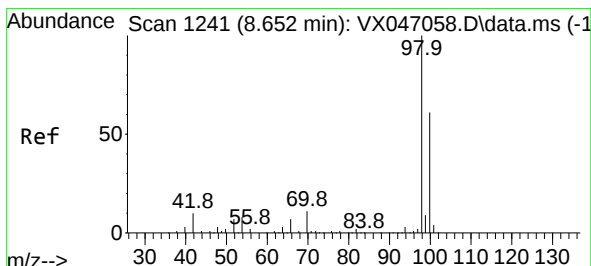
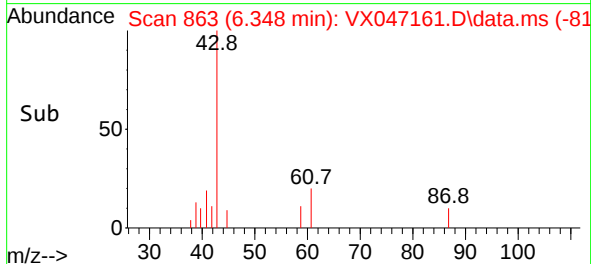
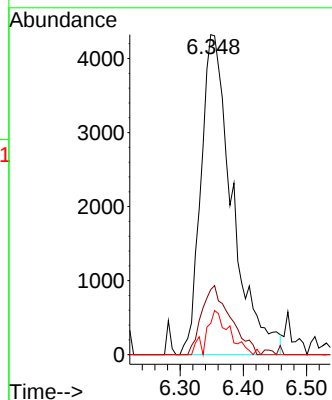
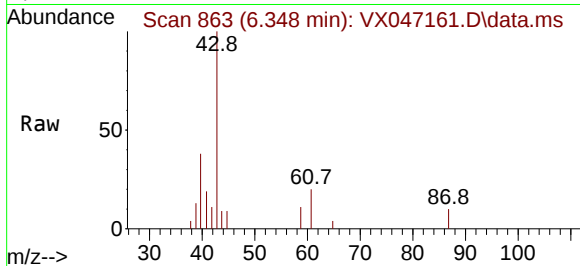




#43
Isopropyl Acetate
Concen: 1.464 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

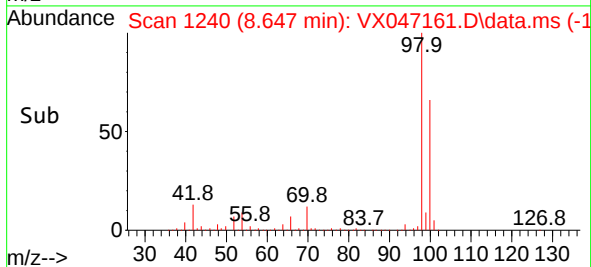
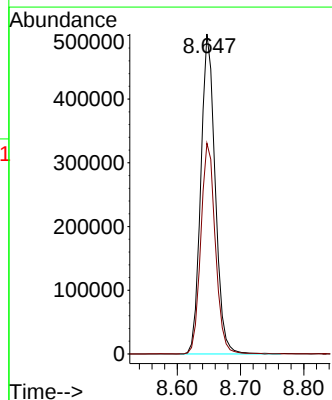
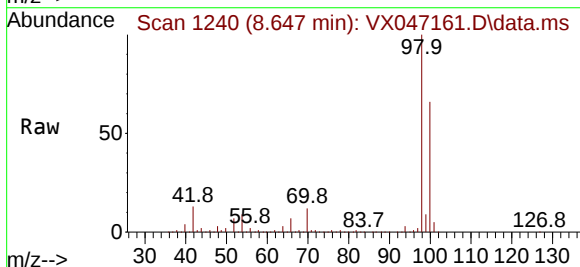
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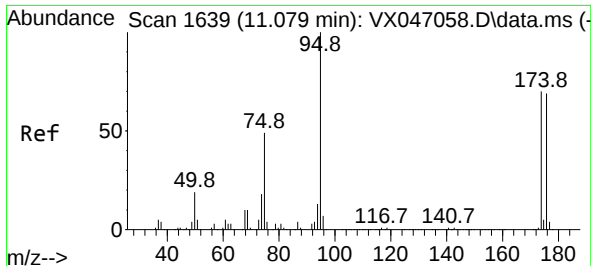
Tgt Ion: 43 Resp: 14899
Ion Ratio Lower Upper
43 100
61 19.7 15.1 22.7
87 10.0 9.7 14.5



#50
Toluene-d8
Concen: 59.152 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047161.D
Acq: 28 Jul 2025 13:42

Tgt Ion: 98 Resp: 795902
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 51.983 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047161.D

Acq: 28 Jul 2025 13:42

Instrument :

MSVOA_X

ClientSampleId :

PB169005TB

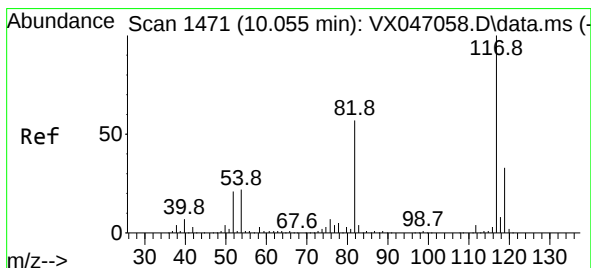
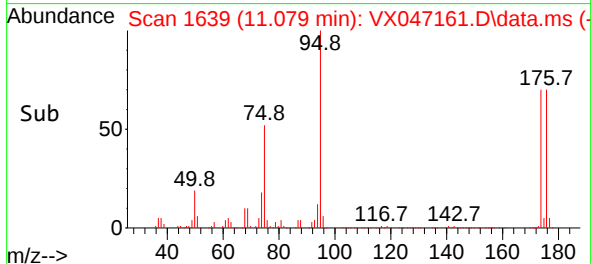
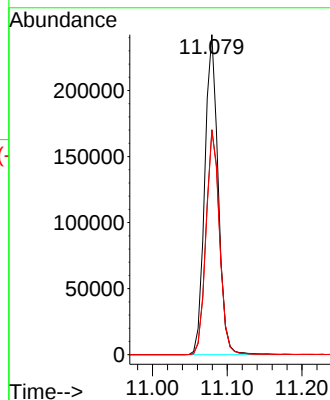
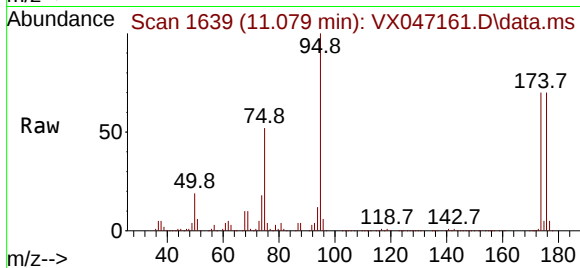
Tgt Ion: 95 Resp: 301421

Ion Ratio Lower Upper

95 100

174 71.3 0.0 144.6

176 70.5 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: VX047161.D

Acq: 28 Jul 2025 13:42

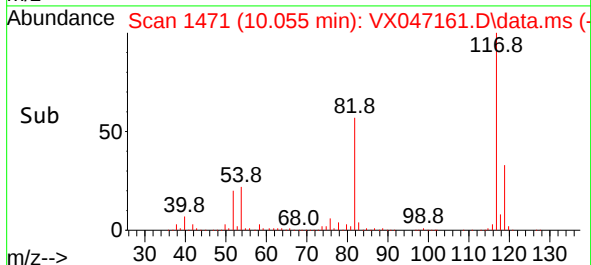
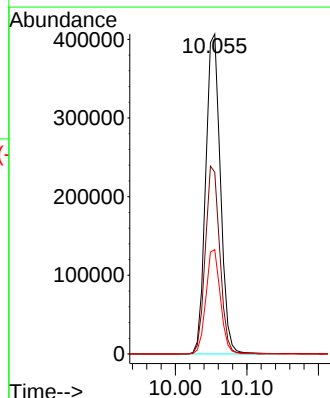
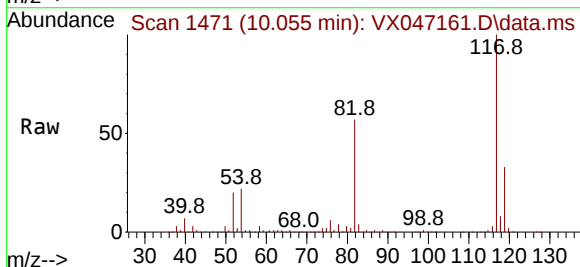
Tgt Ion: 117 Resp: 582759

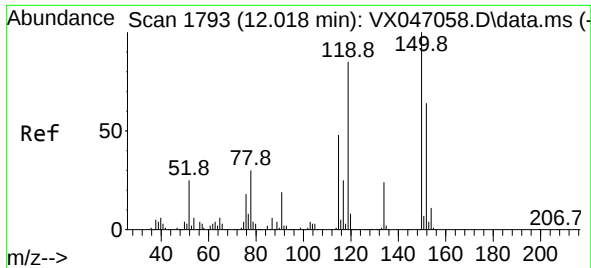
Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.2

119 32.6 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: VX047161.D

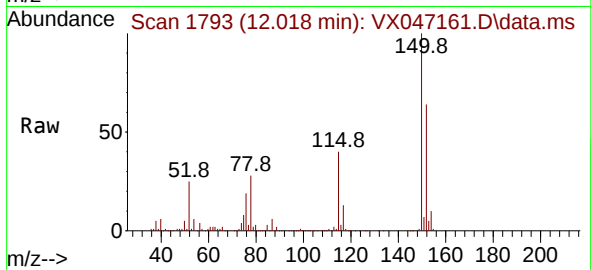
Acq: 28 Jul 2025 13:42

Instrument :

MSVOA_X

ClientSampleId :

PB169005TB



Tgt Ion:152 Resp: 296033

Ion Ratio Lower Upper

152 100

115 62.9 45.6 136.7

150 156.1 0.0 354.6

