

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080625\
 Data File : VX047243.D
 Acq On : 06 Aug 2025 13:06
 Operator : JC/MD
 Sample : PB169123TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169123TB

Quant Time: Aug 07 01:16:46 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)

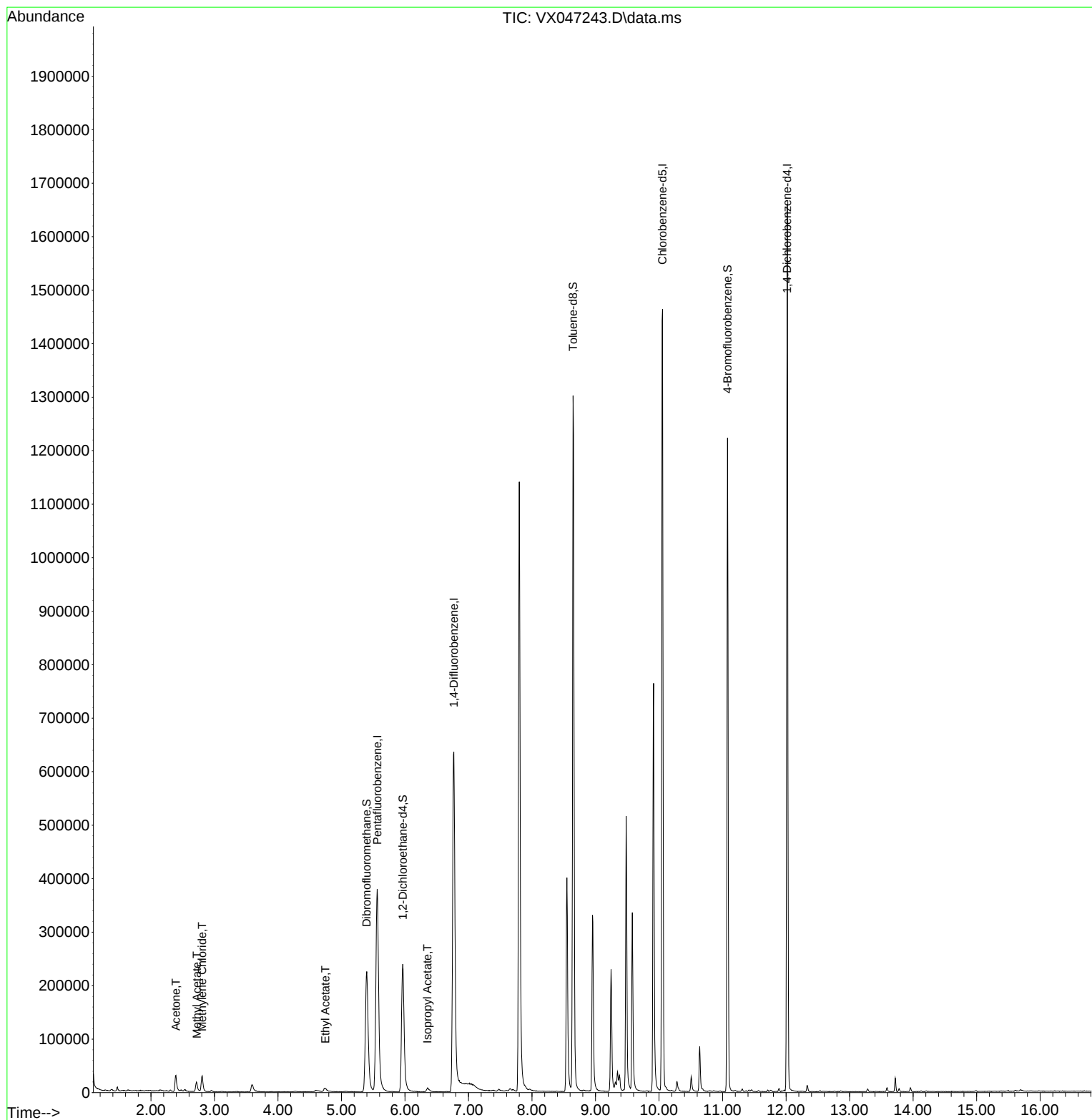
Internal Standards						
1) Pentafluorobenzene	5.562	168	375653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	701289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	659704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	329646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	255146	54.525	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	109.040%	
35) Dibromofluoromethane	5.397	113	213179	49.233	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.460%	
50) Toluene-d8	8.647	98	779034	55.556	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	111.120%	
62) 4-Bromofluorobenzene	11.079	95	324946	53.773	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	107.540%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	43399	23.151	ug/l	97
18) Methyl Acetate	2.721	43	26888	5.397	ug/l	99
20) Methylene Chloride	2.806	84	14900	2.889	ug/l	92
37) Ethyl Acetate	4.745	43	17618	2.590	ug/l #	90
43) Isopropyl Acetate	6.355	43	12969	1.223	ug/l #	90

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
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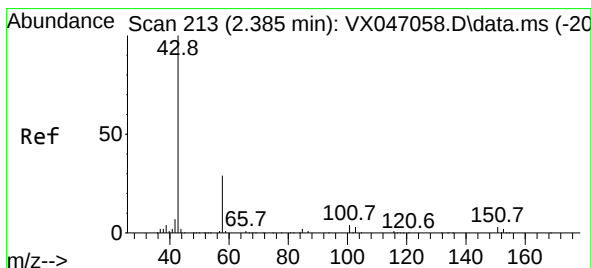
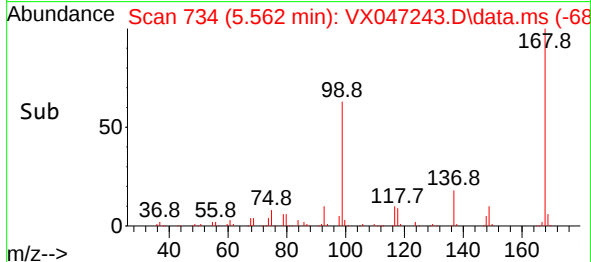
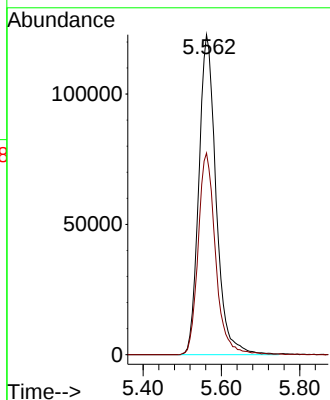
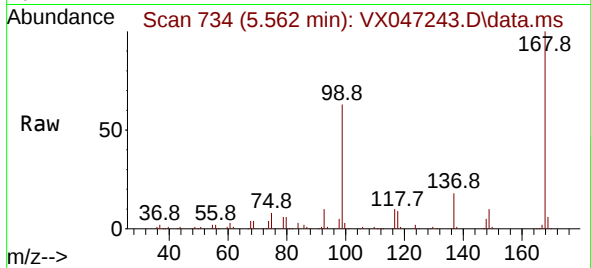




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

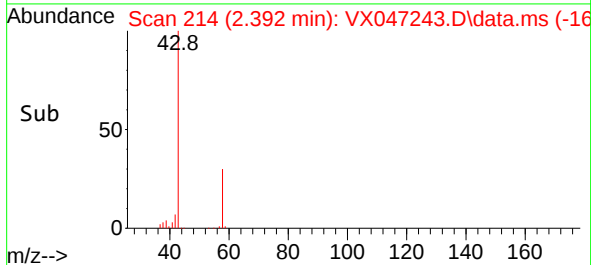
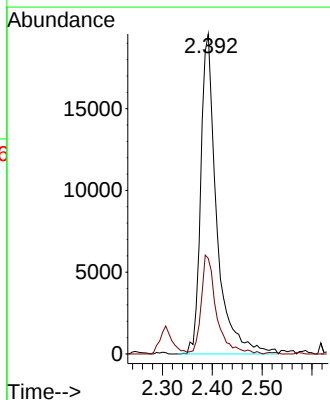
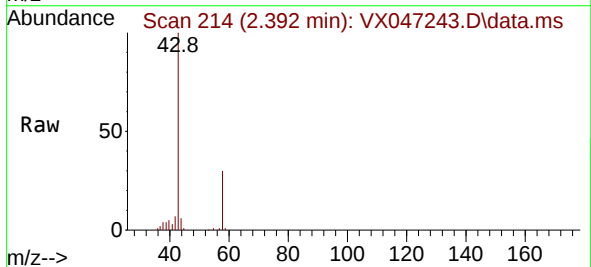
Instrument :
MSVOA_X
ClientSampleId :
PB169123TB

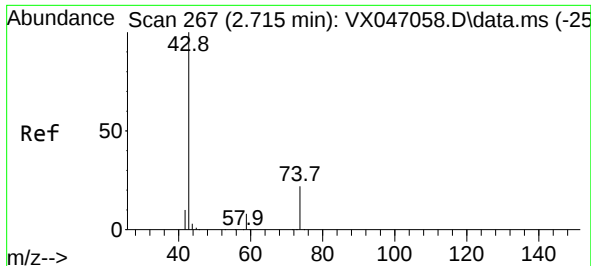
Tgt Ion:168 Resp: 375653
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#16
Acetone
Concen: 23.151 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

Tgt Ion: 43 Resp: 43399
Ion Ratio Lower Upper
43 100
58 31.6 24.0 36.0

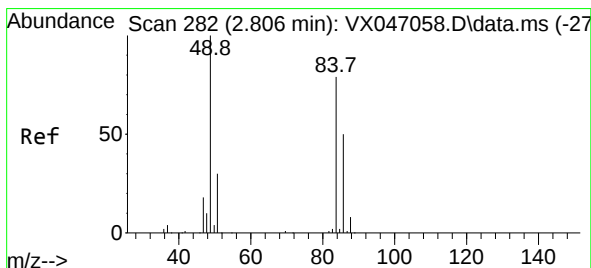
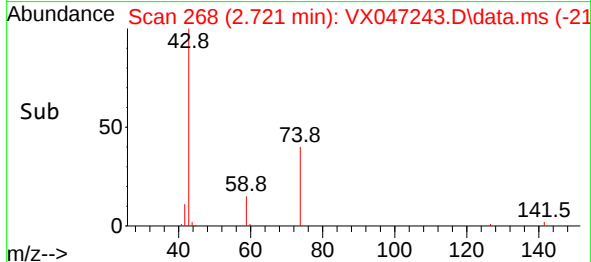
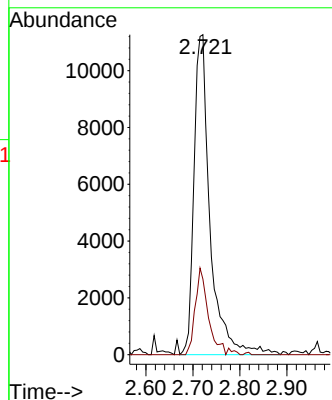
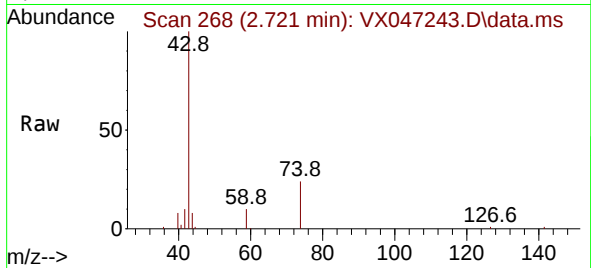




#18
Methyl Acetate
Concen: 5.397 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

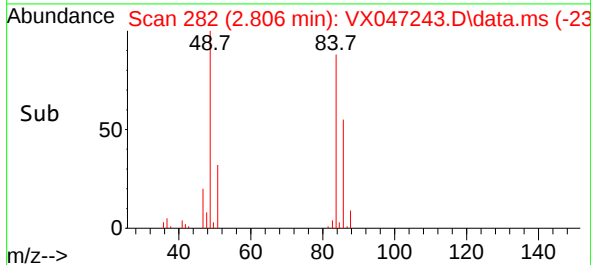
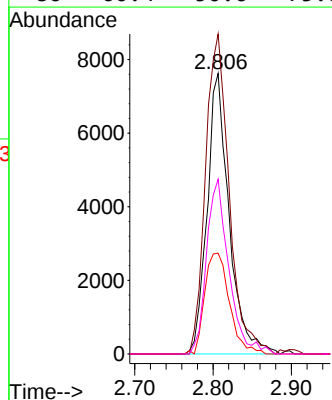
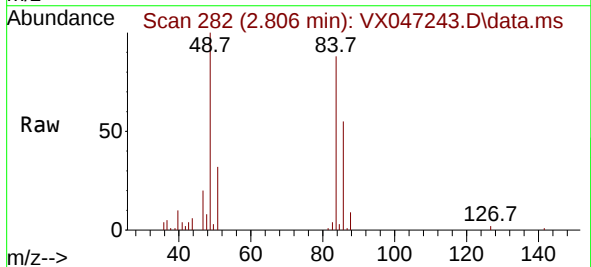
Instrument :
MSVOA_X
ClientSampleId :
PB169123TB

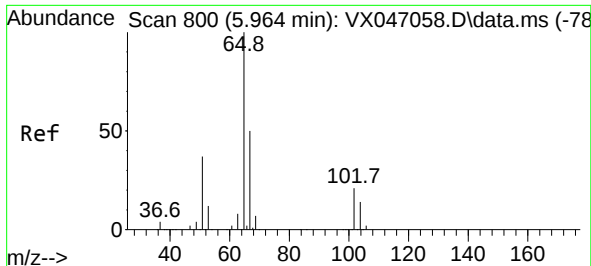
Tgt Ion: 43 Resp: 26888
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 2.889 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

Tgt Ion: 84 Resp: 14900
Ion Ratio Lower Upper
84 100
49 113.8 101.6 152.4
51 34.9 30.3 45.5
86 60.4 50.6 75.8

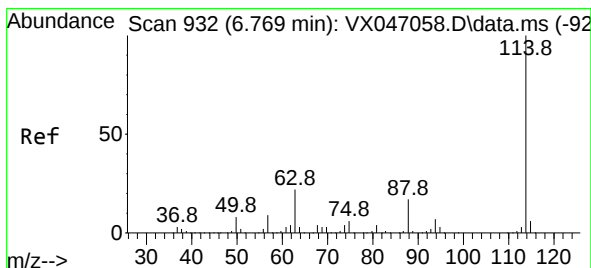
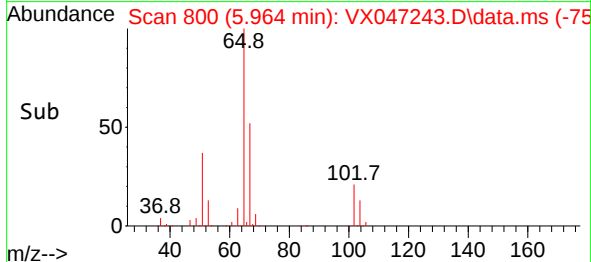
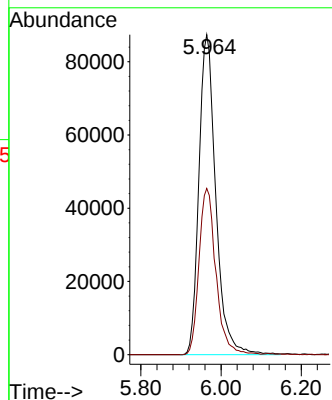
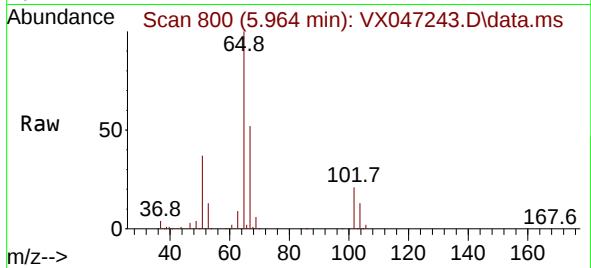




#33
 1,2-Dichloroethane-d4
 Concen: 54.525 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047243.D
 Acq: 06 Aug 2025 13:06

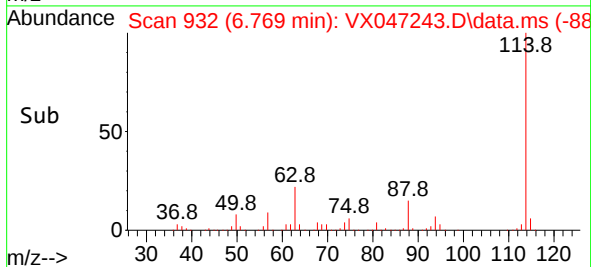
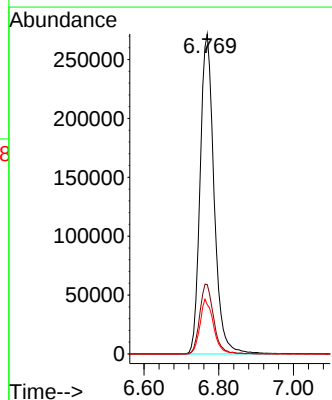
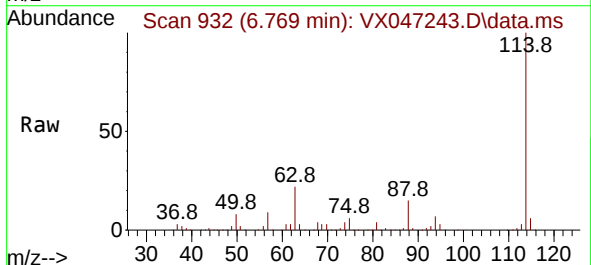
Instrument :
 MSVOA_X
 ClientSampleId :
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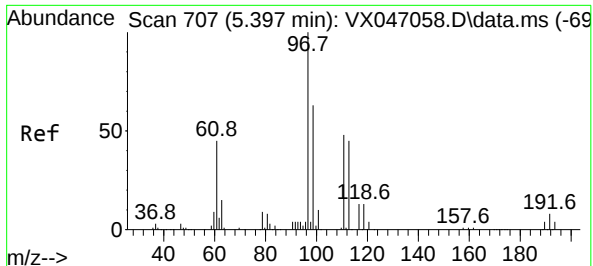
Tgt Ion: 65 Resp: 255146
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047243.D
 Acq: 06 Aug 2025 13:06

Tgt Ion: 114 Resp: 701289
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.233 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047243.D

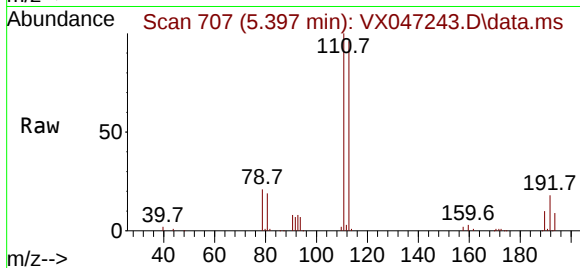
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Instrument :

MSVOA_X

ClientSampleId :

PB169123TB



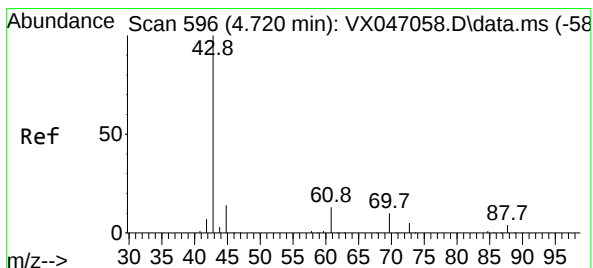
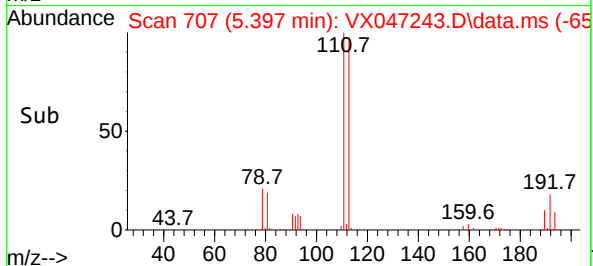
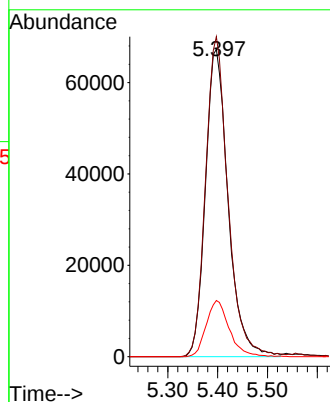
Tgt Ion:113 Resp: 213179

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.6 14.9 22.3



#37

Ethyl Acetate

Concen: 2.590 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.025 min

Lab File: VX047243.D

Acq: 06 Aug 2025 13:06

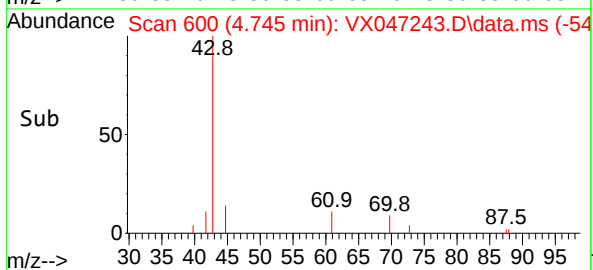
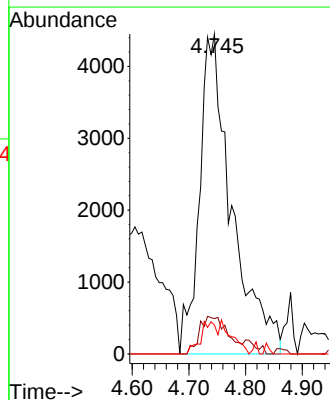
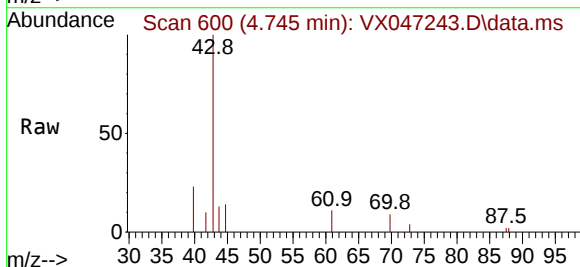
Tgt Ion: 43 Resp: 17618

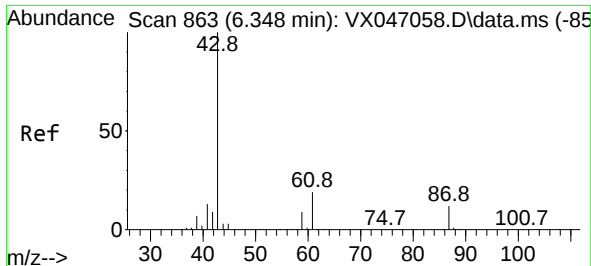
Ion Ratio Lower Upper

43 100

61 10.1 10.2 15.2#

70 5.1 8.1 12.1#

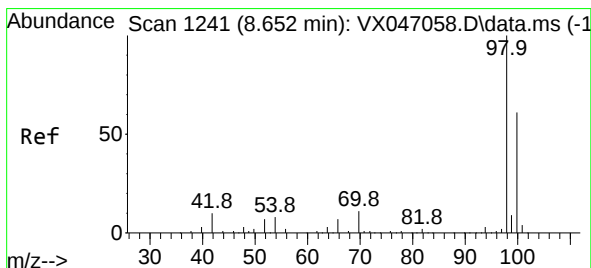
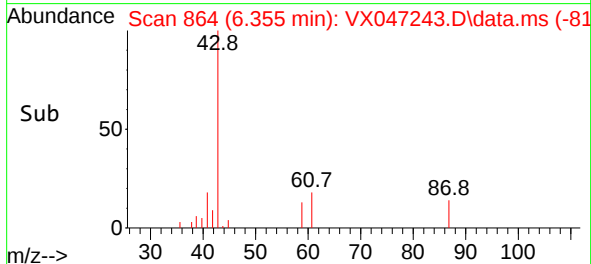
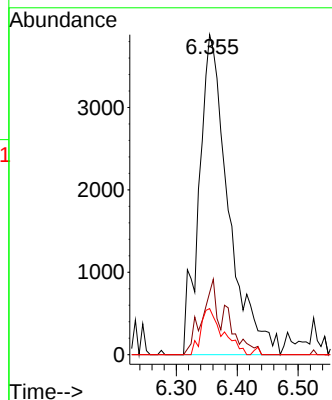
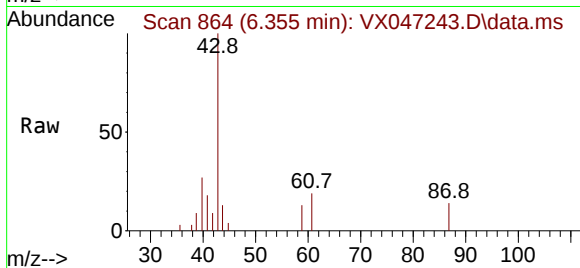




#43
Isopropyl Acetate
Concen: 1.223 ug/l
RT: 6.355 min Scan# 80
Delta R.T. 0.007 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

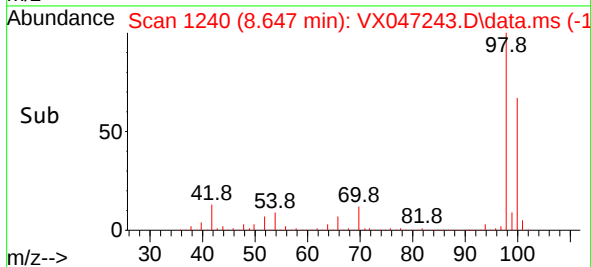
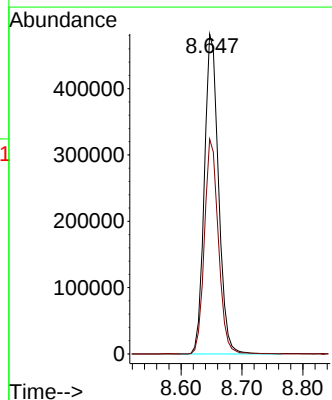
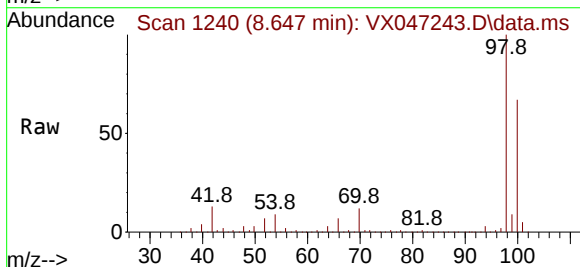
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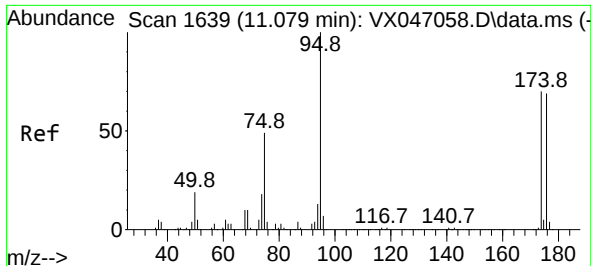
Tgt Ion: 43 Resp: 12969
Ion Ratio Lower Upper
43 100
61 12.3 15.1 22.7#
87 10.8 9.7 14.5



#50
Toluene-d8
Concen: 55.556 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

Tgt Ion: 98 Resp: 779034
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9

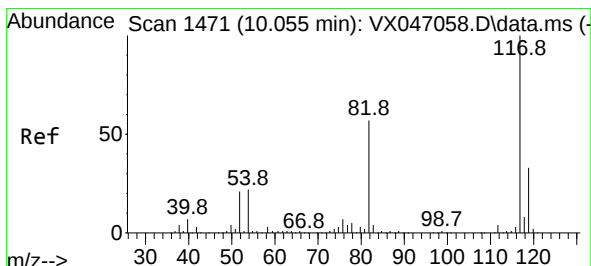
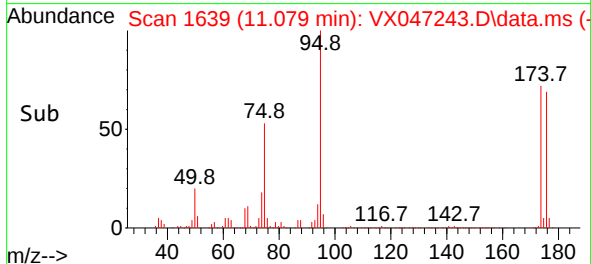
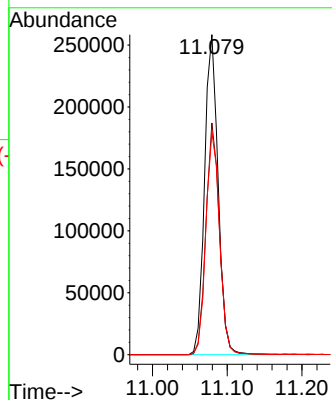
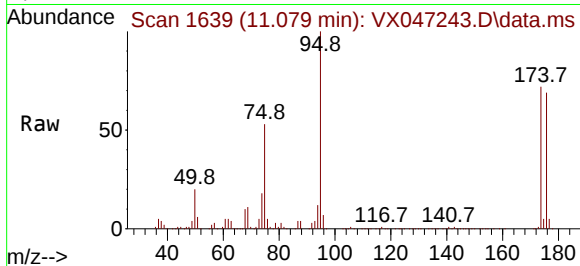




#62
4-Bromofluorobenzene
Concen: 53.773 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

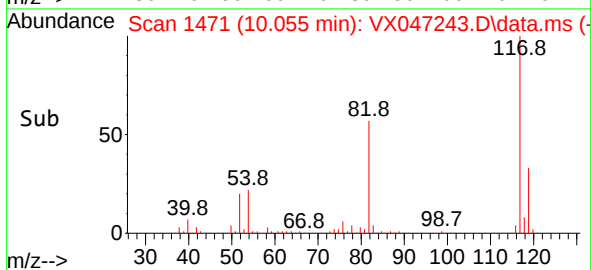
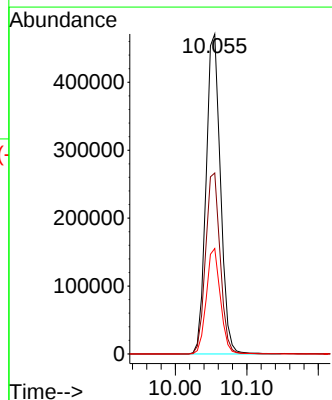
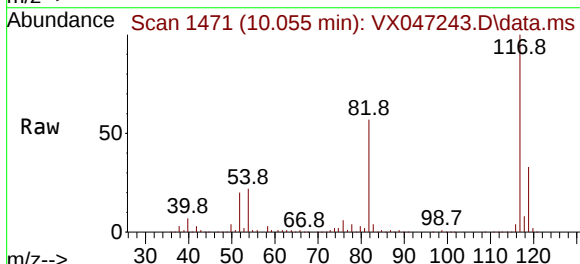
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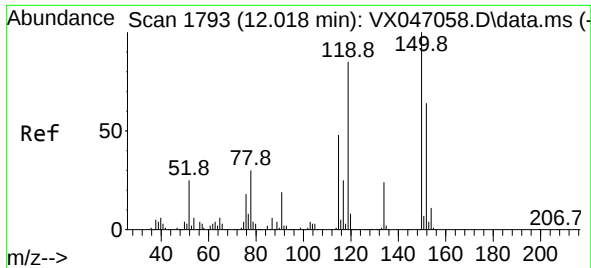
Tgt Ion: 95 Resp: 324946
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 70.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047243.D
Acq: 06 Aug 2025 13:06

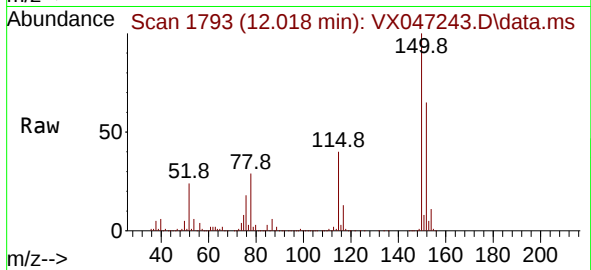
Tgt Ion: 117 Resp: 659704
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 33.0 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047243.D
 Acq: 06 Aug 2025 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB169123TB



Tgt Ion:152 Resp: 329646
 Ion Ratio Lower Upper
 152 100
 115 61.8 45.6 136.7
 150 156.2 0.0 354.6

