

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048663.D
 Acq On : 24 Nov 2025 15:07
 Operator : JC/MD
 Sample : PB170695TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170695TB

Quant Time: Nov 26 00:26:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

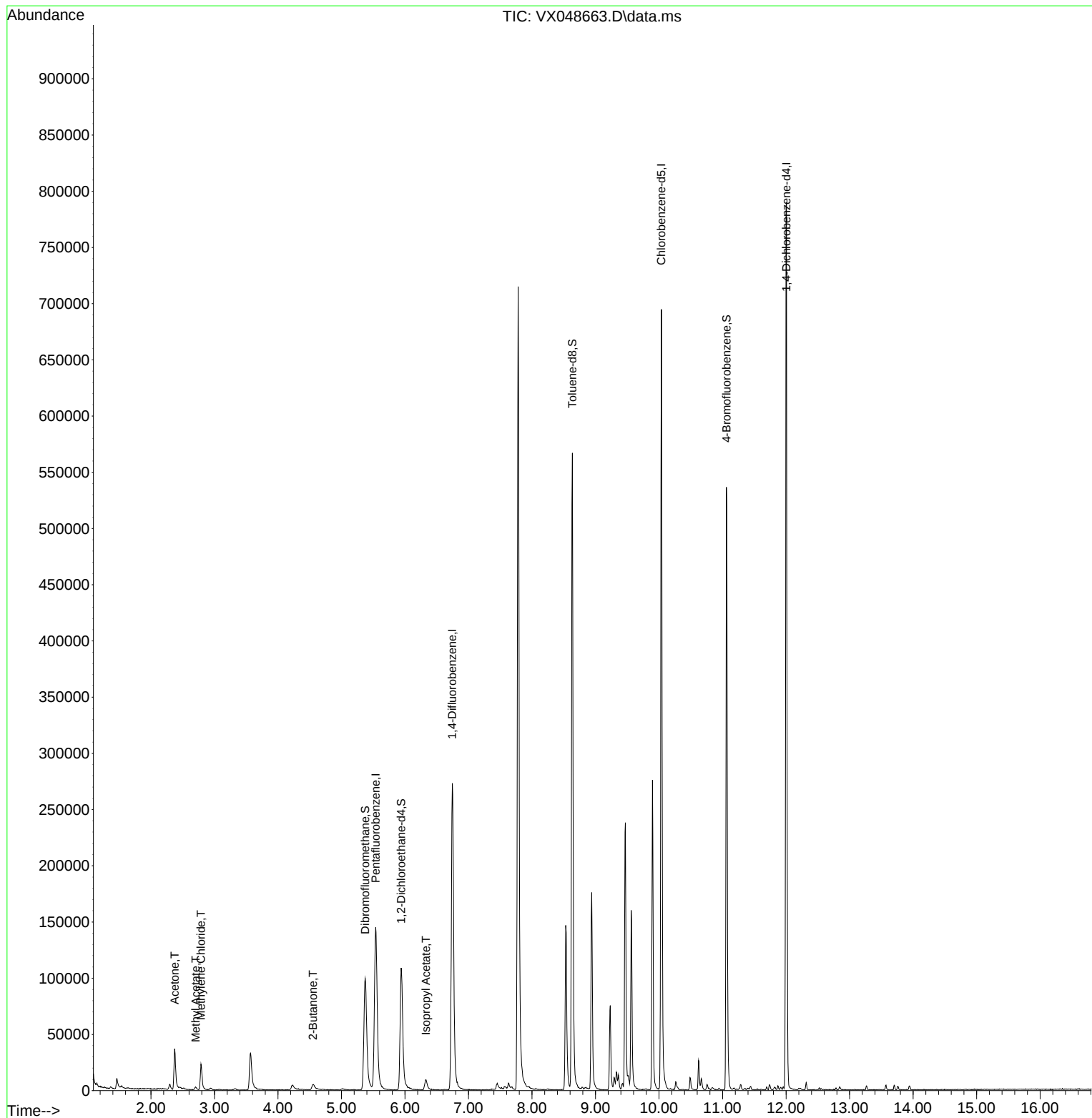
Internal Standards						
1) Pentafluorobenzene	5.537	168	148733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	304821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	345257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	188483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121505	58.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.260%#	
35) Dibromofluoromethane	5.373	113	100633	43.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 87.240%	
50) Toluene-d8	8.634	98	360142	50.052	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	11.061	95	160363	59.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.600%	
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	50236	51.208	ug/l	96
18) Methyl Acetate	2.703	43	3671	1.362	ug/l	97
20) Methylene Chloride	2.788	84	10828	5.369	ug/l	99
25) 2-Butanone	4.550	43	9665	6.660	ug/l	99
43) Isopropyl Acetate	6.330	43	14686	2.403	ug/l	99

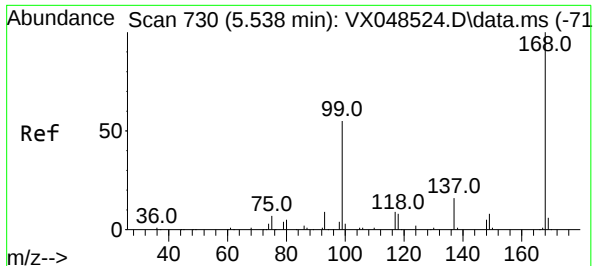
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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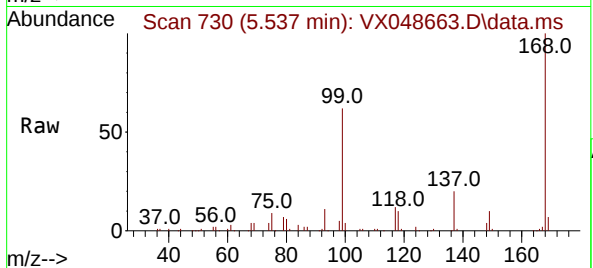
Quant Time: Nov 26 00:26:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
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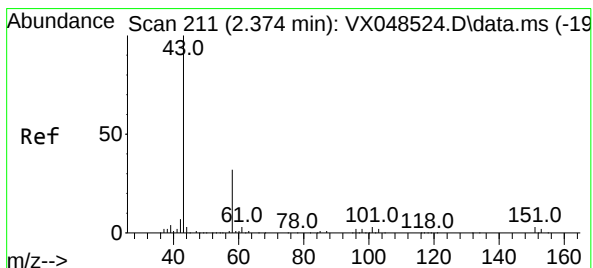
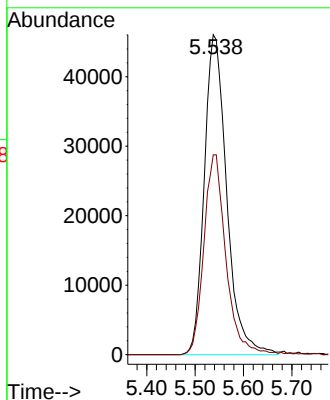
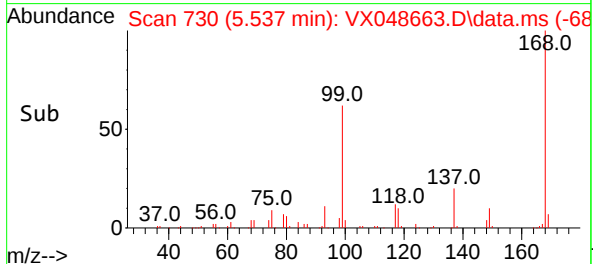


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

Instrument :
MSVOA_X
ClientSampleId :
PB170695TB

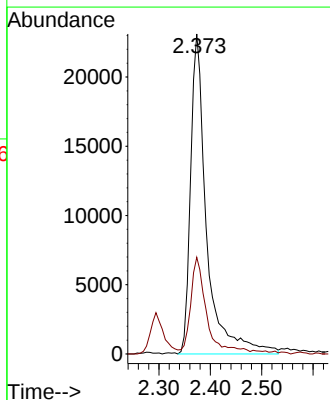
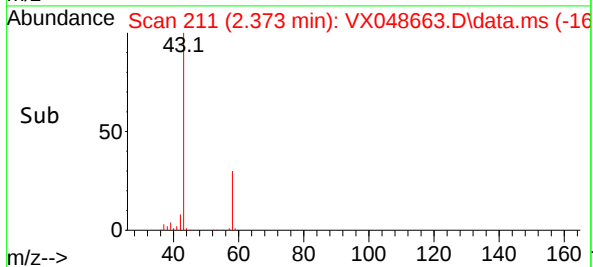
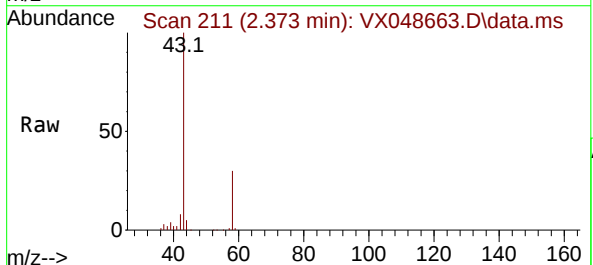


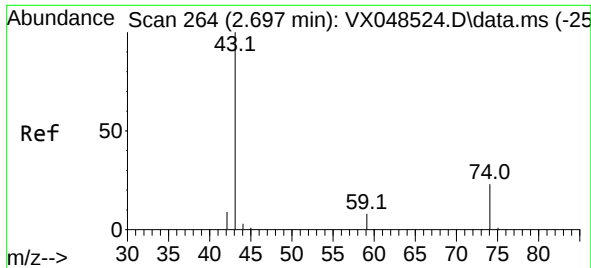
Tgt Ion:168 Resp: 148733
Ion Ratio Lower Upper
168 100
99 62.4 45.2 67.8



#16
Acetone
Concen: 51.208 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

Tgt Ion: 43 Resp: 50236
Ion Ratio Lower Upper
43 100
58 29.9 25.8 38.6

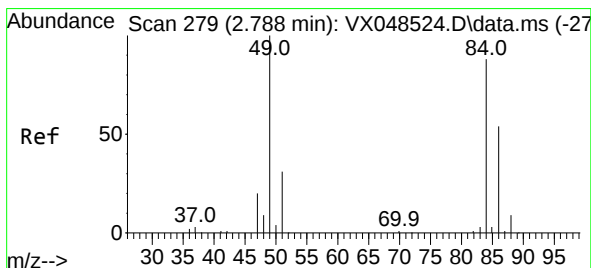
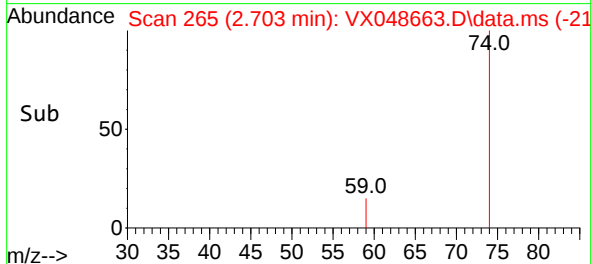
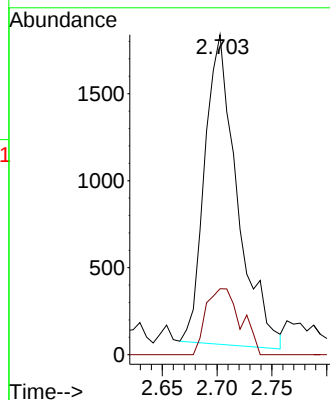
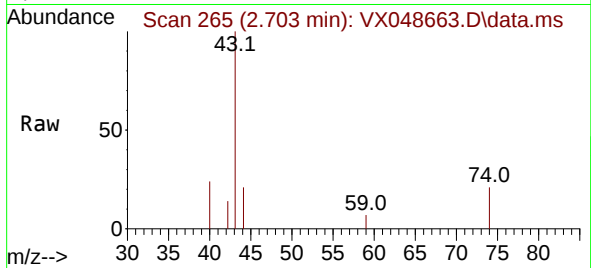




#18
Methyl Acetate
Concen: 1.362 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

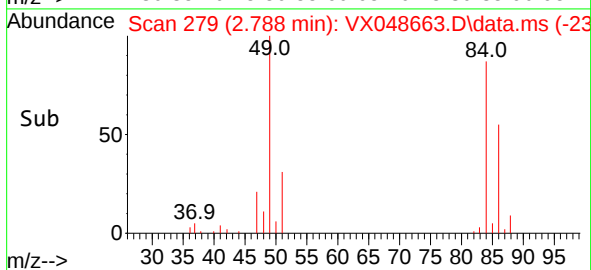
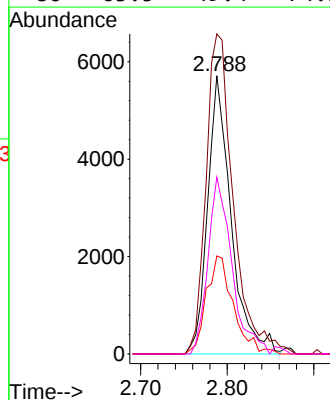
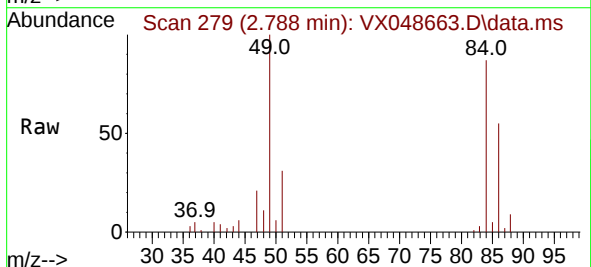
Instrument :
MSVOA_X
ClientSampleId :
PB170695TB

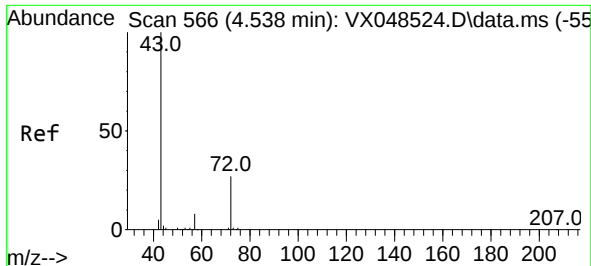
Tgt Ion: 43 Resp: 3671
Ion Ratio Lower Upper
43 100
74 22.7 19.1 28.7



#20
Methylene Chloride
Concen: 5.369 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

Tgt Ion: 84 Resp: 10828
Ion Ratio Lower Upper
84 100
49 115.0 91.2 136.8
51 35.3 28.3 42.5
86 63.5 49.4 74.2

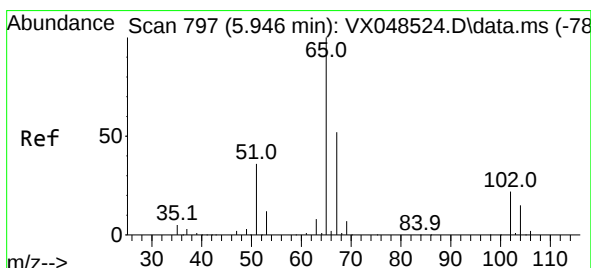
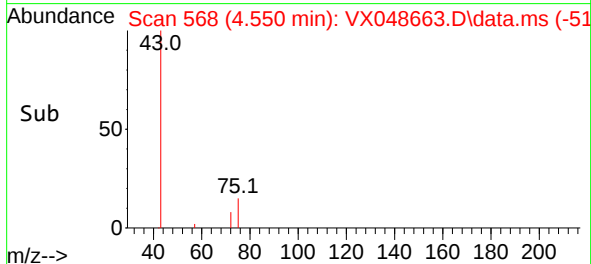
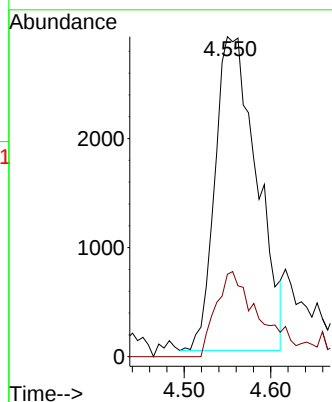
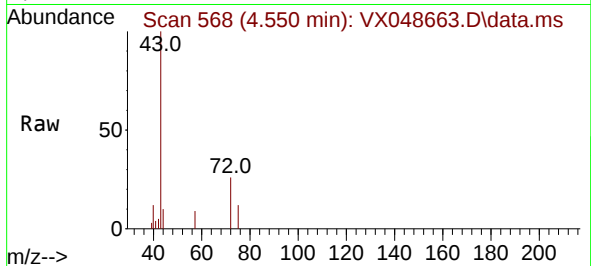




#25
2-Butanone
Concen: 6.660 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

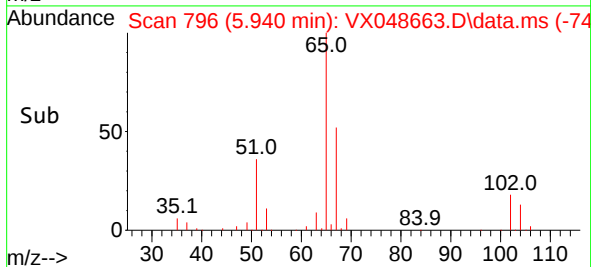
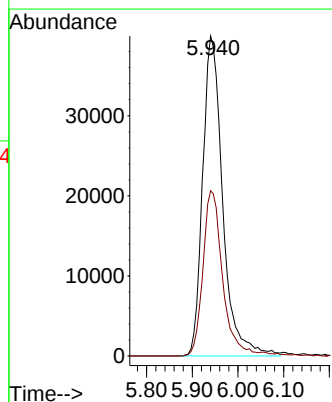
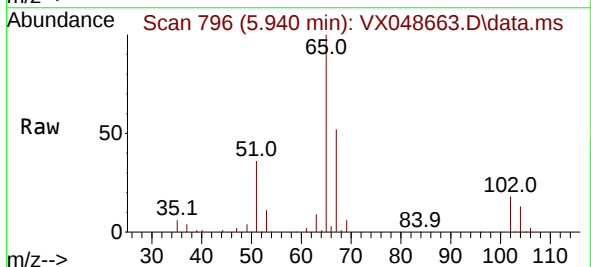
Instrument :
MSVOA_X
ClientSampleId :
PB170695TB

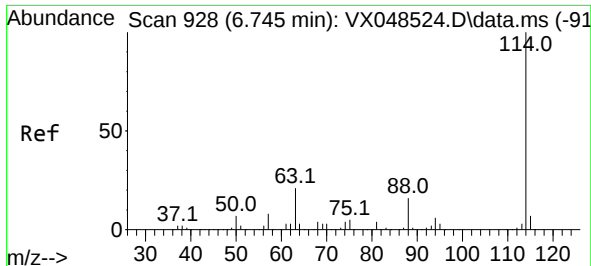
Tgt Ion: 43 Resp: 9665
Ion Ratio Lower Upper
43 100
72 26.2 21.5 32.3



#33
1,2-Dichloroethane-d4
Concen: 58.628 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

Tgt Ion: 65 Resp: 121505
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.2

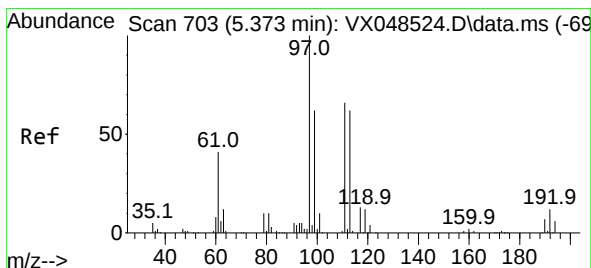
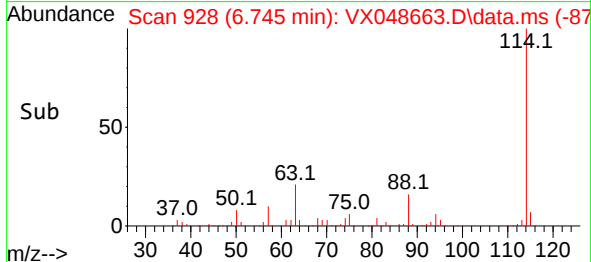
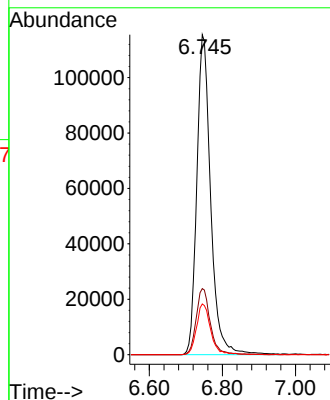
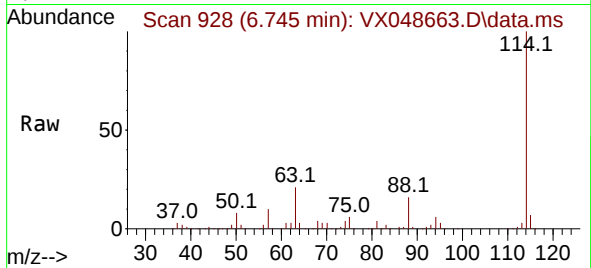




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

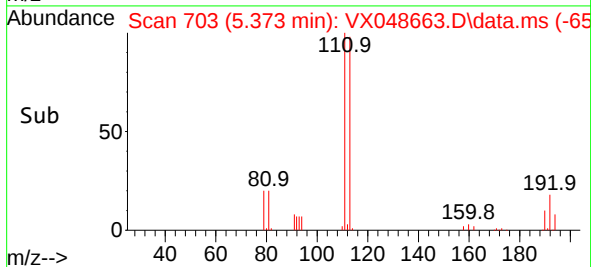
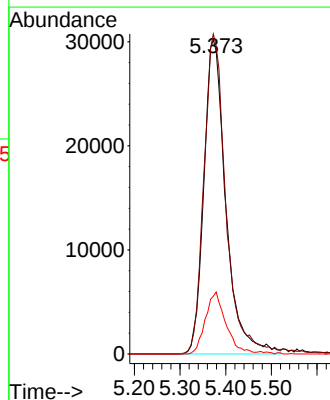
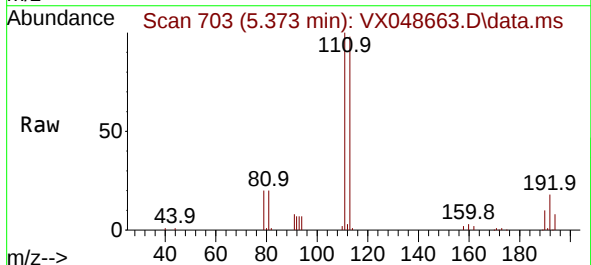
Instrument :
MSVOA_X
ClientSampleId :
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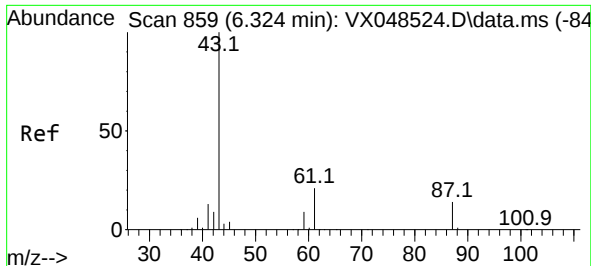
Tgt Ion:114 Resp: 304821
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 43.619 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

Tgt Ion:113 Resp: 100633
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 18.4 15.8 23.6

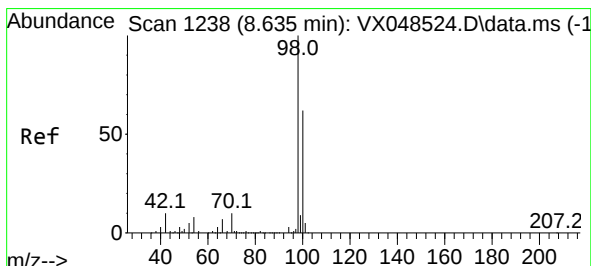
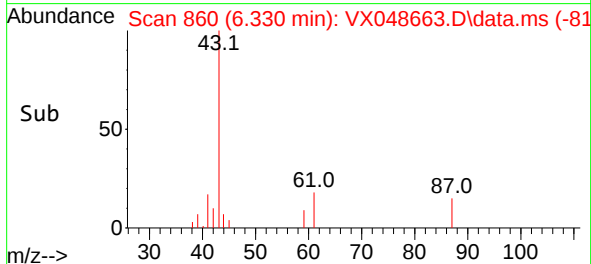
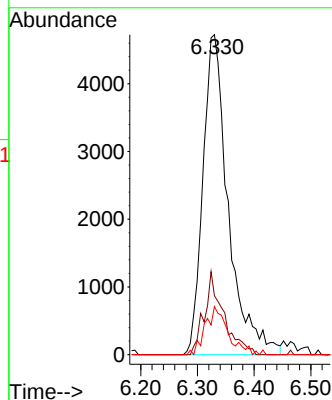
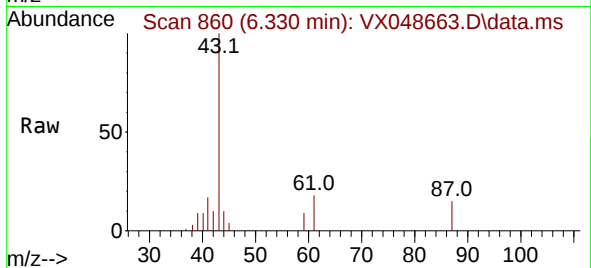




#43
Isopropyl Acetate
Concen: 2.403 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

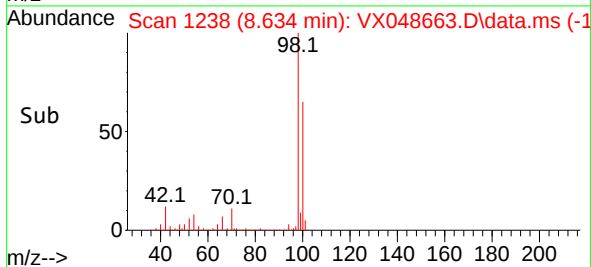
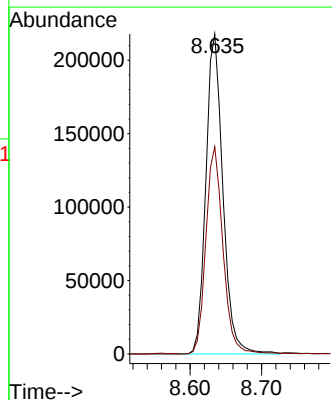
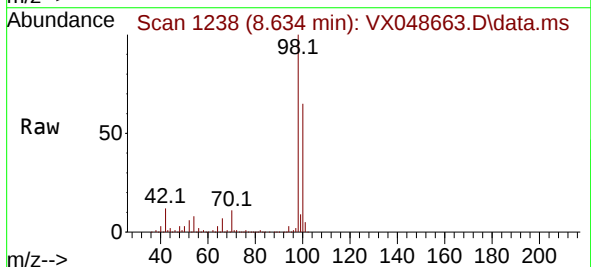
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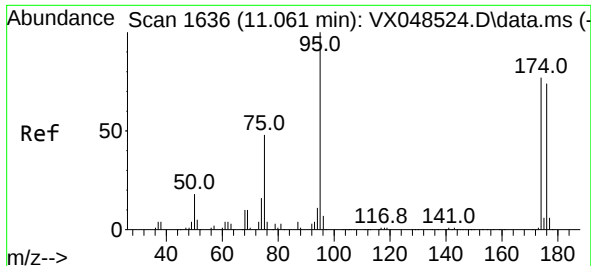
Tgt Ion: 43 Resp: 14686
Ion Ratio Lower Upper
43 100
61 19.7 16.2 24.4
87 13.3 10.9 16.3



#50
Toluene-d8
Concen: 50.052 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048663.D
Acq: 24 Nov 2025 15:07

Tgt Ion: 98 Resp: 360142
Ion Ratio Lower Upper
98 100
100 65.5 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 59.804 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048663.D

Acq: 24 Nov 2025 15:07

Instrument :

MSVOA_X

ClientSampleId :

PB170695TB

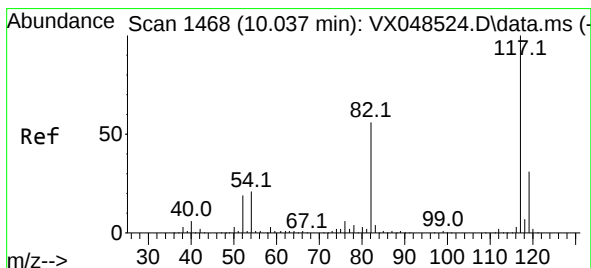
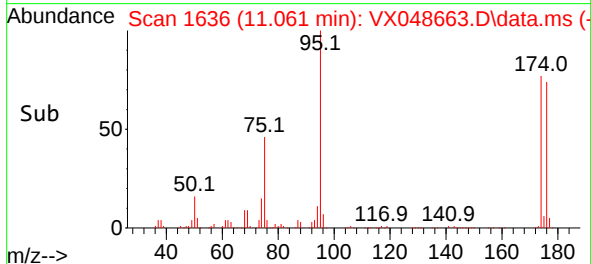
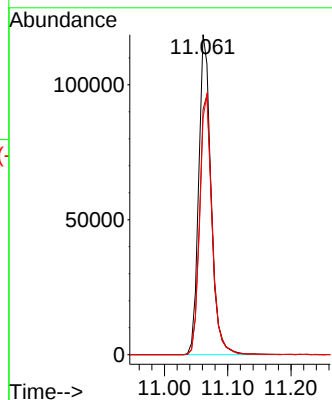
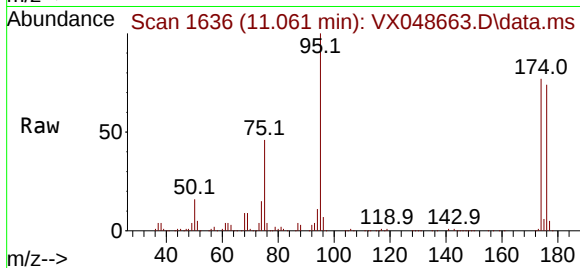
Tgt Ion: 95 Resp: 160363

Ion Ratio Lower Upper

95 100

174 83.7 0.0 161.8

176 81.3 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048663.D

Acq: 24 Nov 2025 15:07

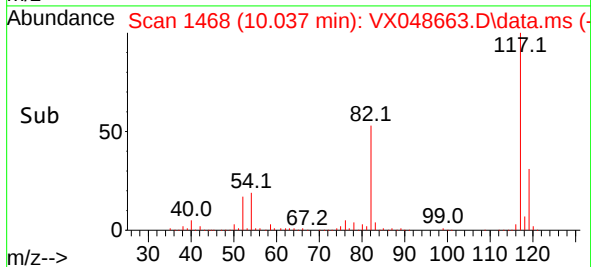
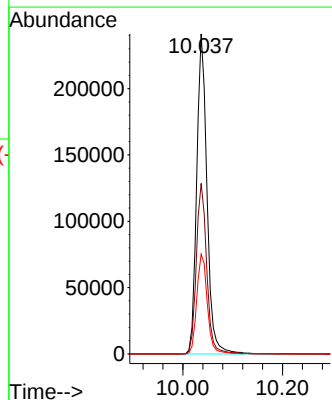
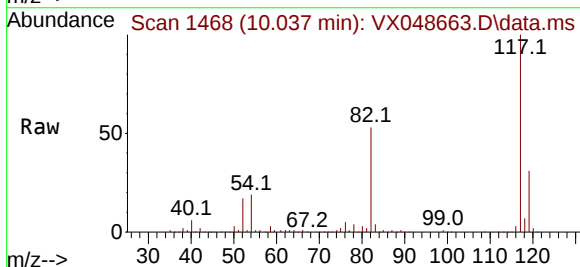
Tgt Ion: 117 Resp: 345257

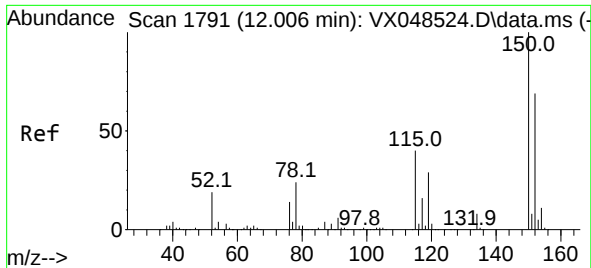
Ion Ratio Lower Upper

117 100

82 53.3 44.4 66.6

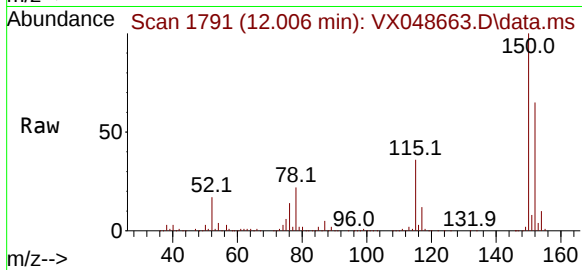
119 31.2 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048663.D
 Acq: 24 Nov 2025 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170695TB



Tgt Ion:152 Resp: 188483
 Ion Ratio Lower Upper
 152 100
 115 57.5 39.2 117.6
 150 157.1 0.0 347.0

