

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048142.D
 Acq On : 13 Oct 2025 15:10
 Operator : JC/MD
 Sample : PB170063TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170063TB

Quant Time: Oct 14 01:55:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

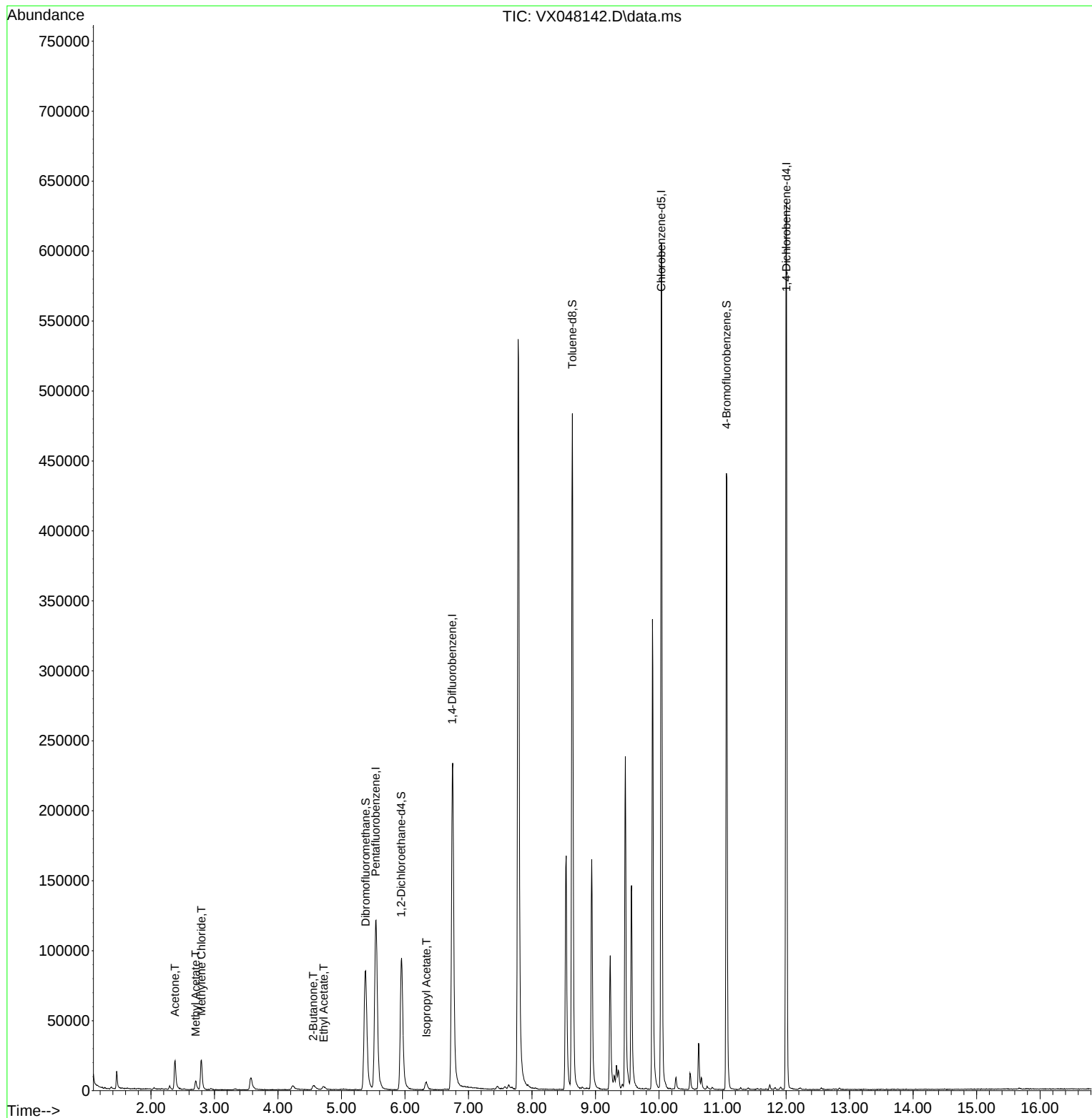
Internal Standards						
1) Pentafluorobenzene	5.538	168	122716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	253968	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103817	53.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.300%	
35) Dibromofluoromethane	5.379	113	84014	49.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.660%	
50) Toluene-d8	8.635	98	293820	49.854	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	11.061	95	126841	56.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.420%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	27468	32.341	ug/l	98
18) Methyl Acetate	2.703	43	8960	4.740	ug/l	99
20) Methylene Chloride	2.794	84	10188	5.667	ug/l	95
25) 2-Butanone	4.556	43	7866	7.425	ug/l #	86
37) Ethyl Acetate	4.721	43	6172	2.316	ug/l #	89
43) Isopropyl Acetate	6.336	43	7949	1.819	ug/l	99

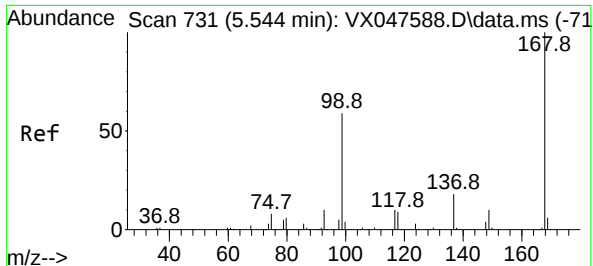
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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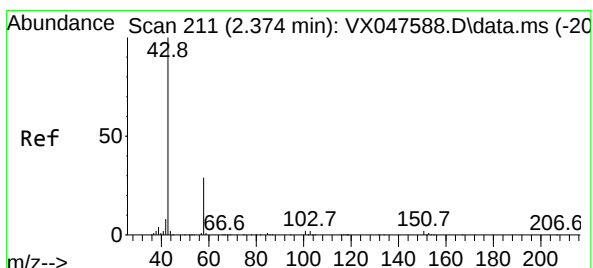
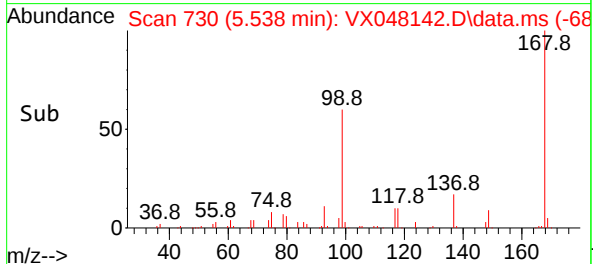
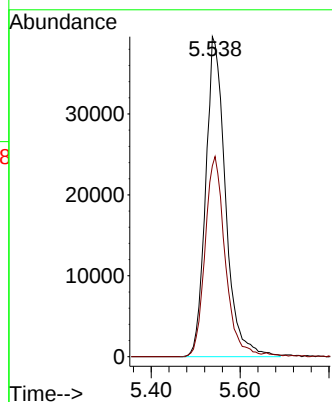
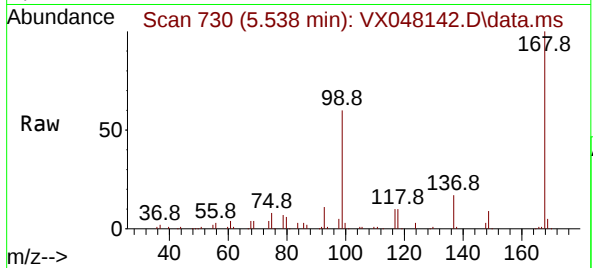




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

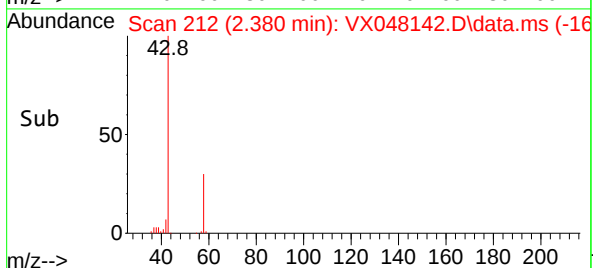
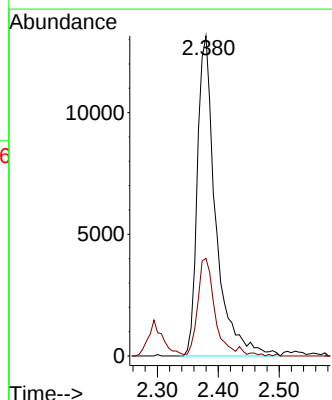
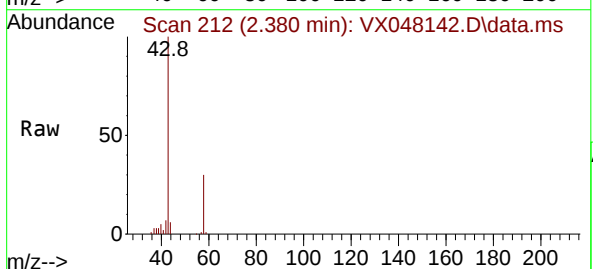
Instrument :
MSVOA_X
ClientSampleId :
PB170063TB

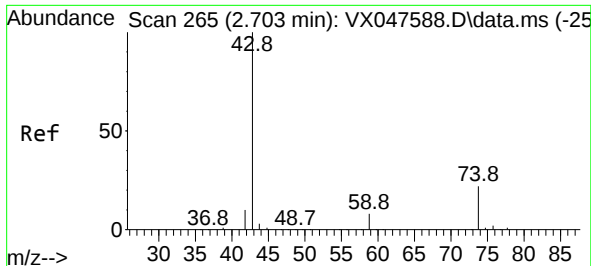
Tgt Ion:168 Resp: 122716
Ion Ratio Lower Upper
168 100
99 59.6 48.8 73.2



#16
Acetone
Concen: 32.341 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

Tgt Ion: 43 Resp: 27468
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.0

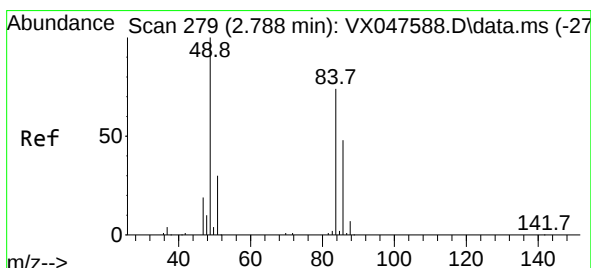
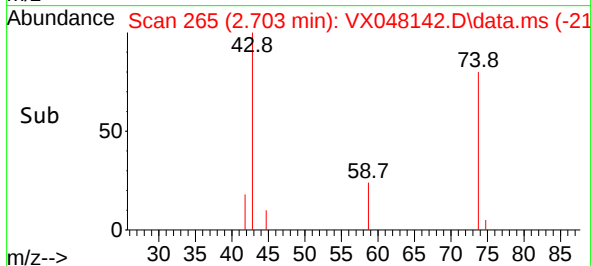
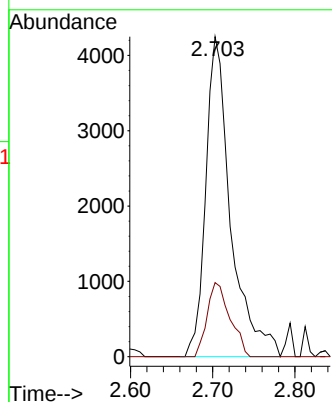
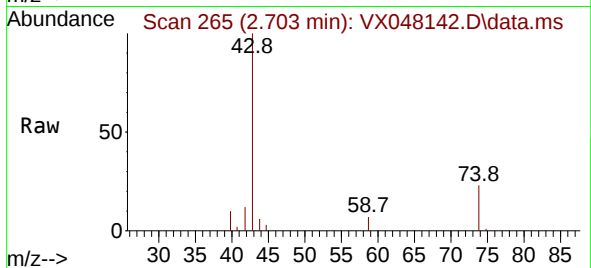




#18
Methyl Acetate
Concen: 4.740 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

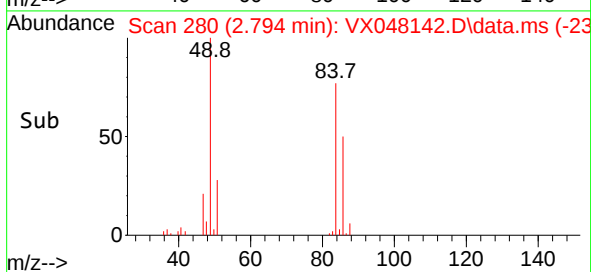
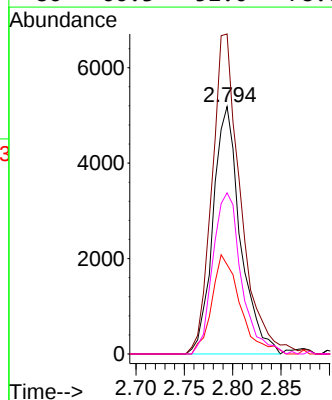
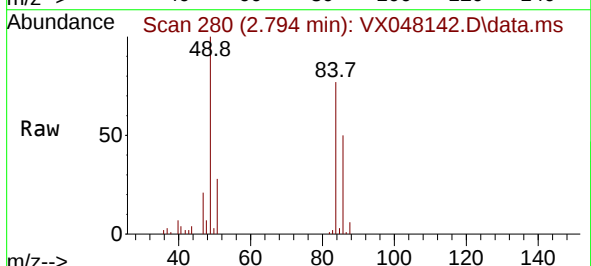
Instrument :
MSVOA_X
ClientSampleId :
PB170063TB

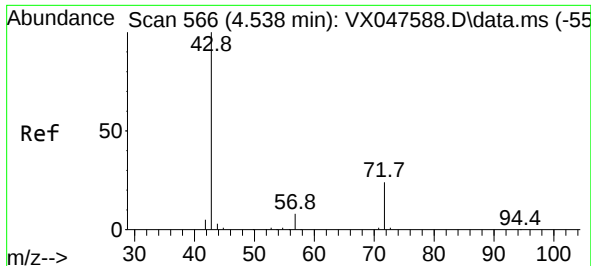
Tgt Ion: 43 Resp: 8960
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.2



#20
Methylene Chloride
Concen: 5.667 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

Tgt Ion: 84 Resp: 10188
Ion Ratio Lower Upper
84 100
49 129.4 108.6 162.8
51 36.1 32.6 48.8
86 66.3 52.0 78.0

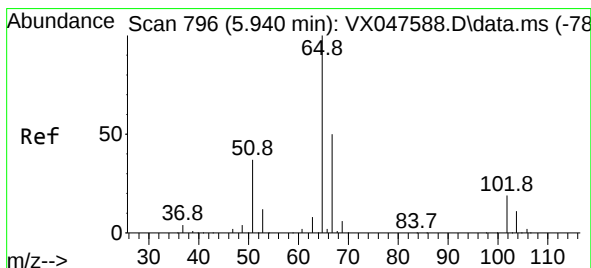
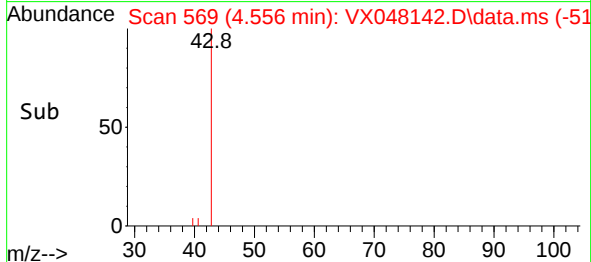
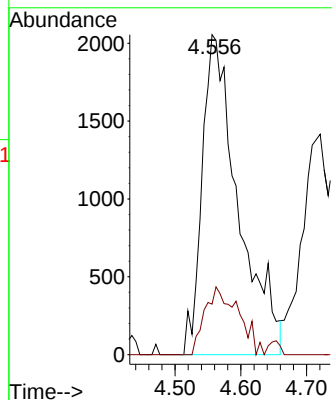
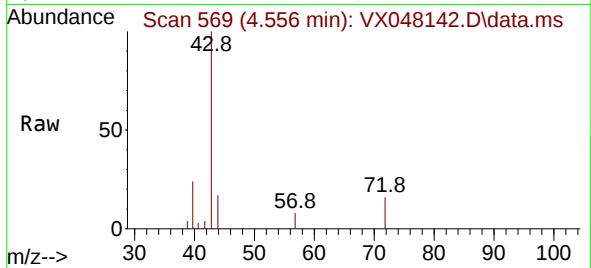




#25
2-Butanone
Concen: 7.425 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

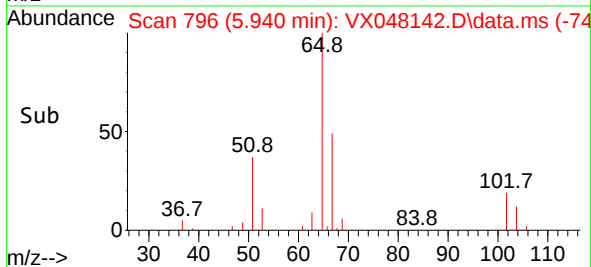
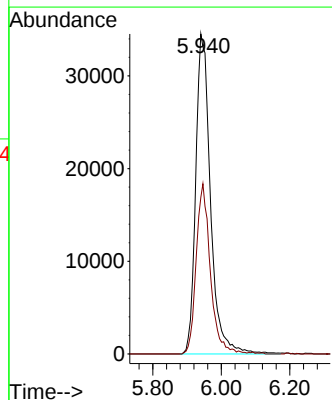
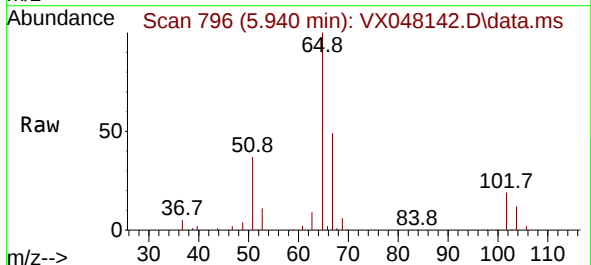
Instrument :
MSVOA_X
ClientSampleId :
PB170063TB

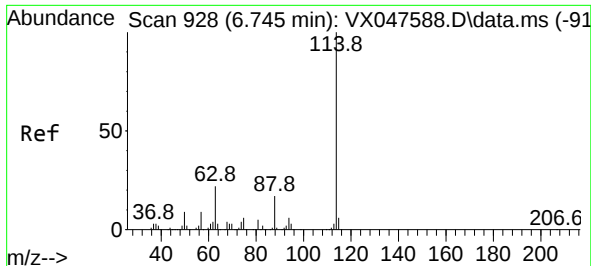
Tgt Ion: 43 Resp: 7866
Ion Ratio Lower Upper
43 100
72 18.3 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 53.149 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

Tgt Ion: 65 Resp: 103817
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

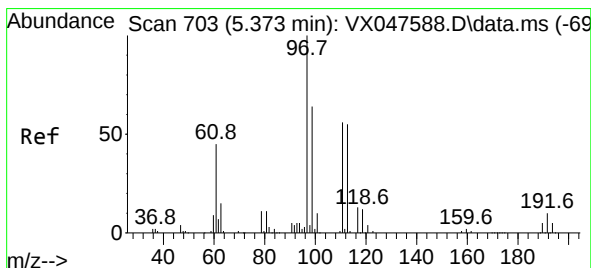
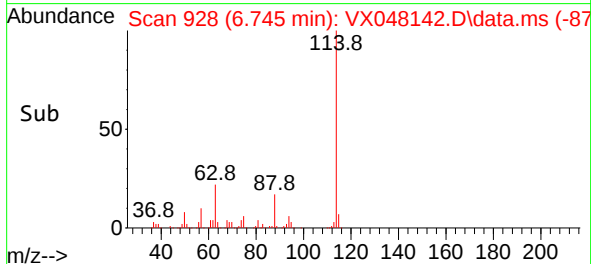
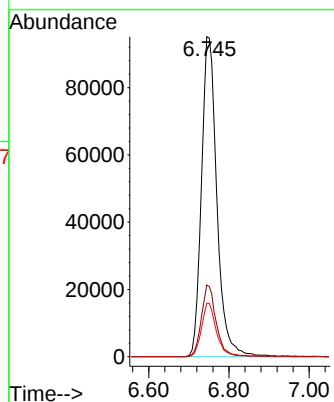
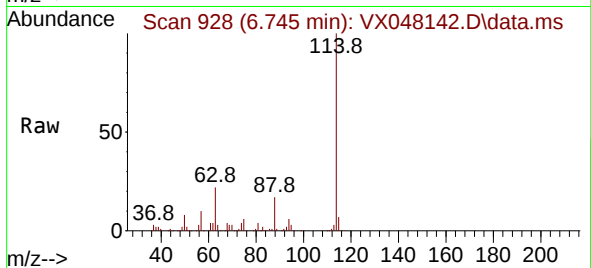




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

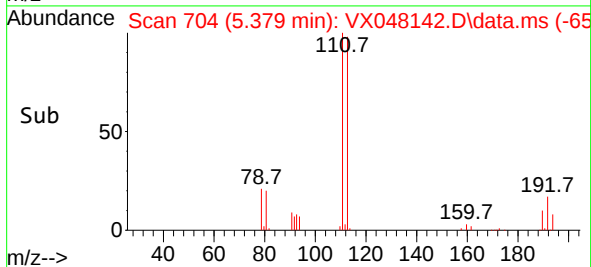
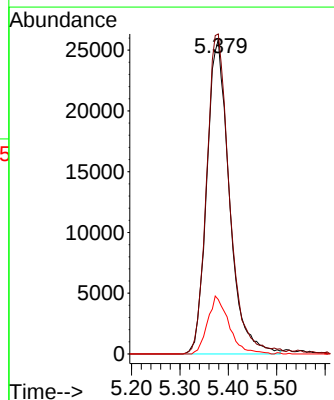
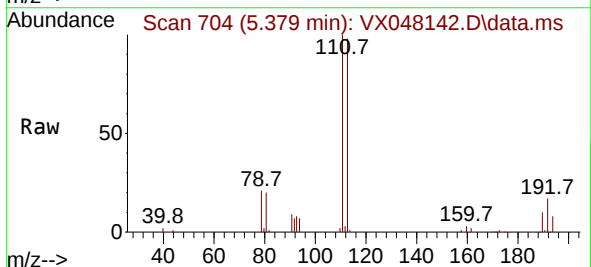
Instrument :
MSVOA_X
ClientSampleId :
PB170063TB

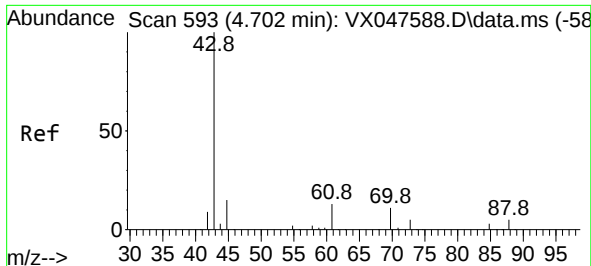
Tgt Ion:114 Resp: 253968
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.326 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

Tgt Ion:113 Resp: 84014
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 17.4 14.2 21.4





#37

Ethyl Acetate

Concen: 2.316 ug/l

RT: 4.721 min Scan# 593

Delta R.T. 0.018 min

Lab File: VX048142.D

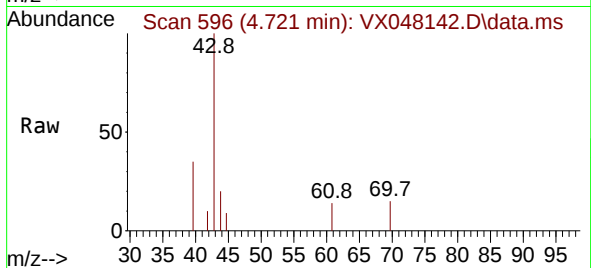
Acq: 13 Oct 2025 15:10

Instrument :

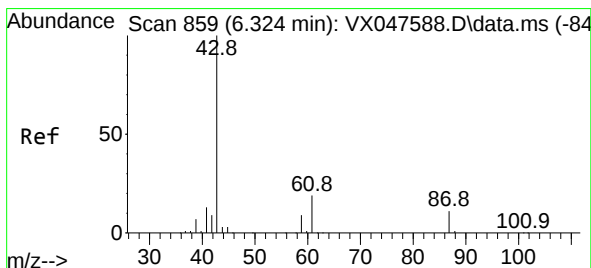
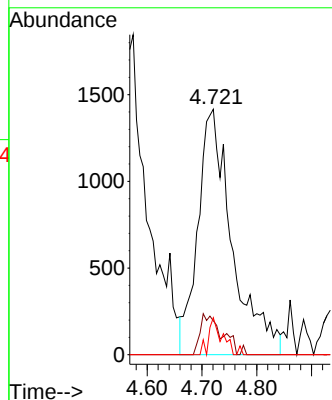
MSVOA_X

ClientSampleId :

PB170063TB



Tgt Ion:	43	Resp:	6172
Ion	Ratio	Lower	Upper
43	100		
61	8.3	9.8	14.8#
70	5.7	7.9	11.9#



#43

Isopropyl Acetate

Concen: 1.819 ug/l

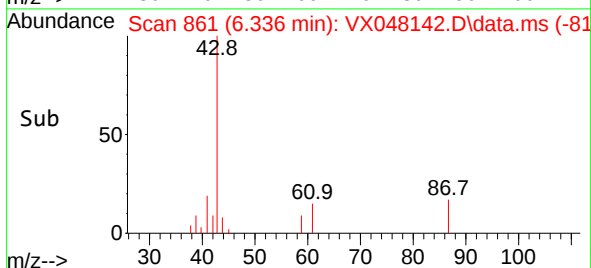
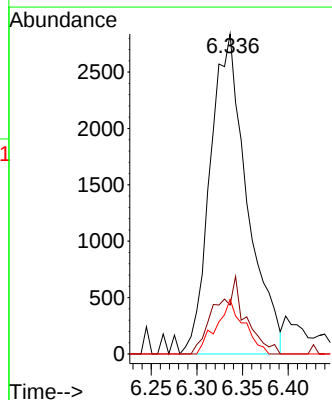
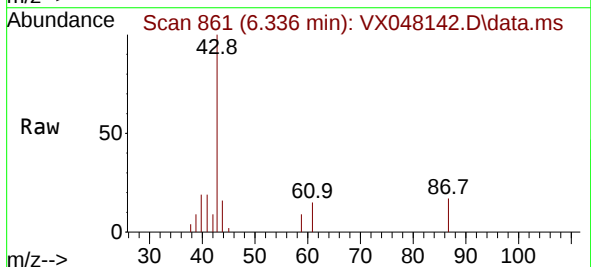
RT: 6.336 min Scan# 861

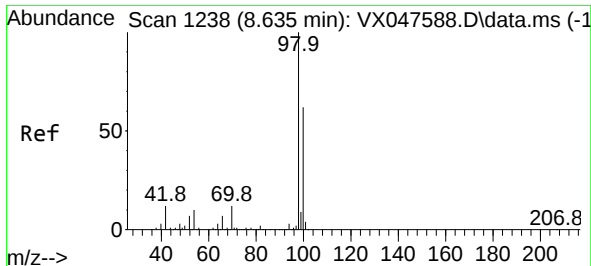
Delta R.T. 0.012 min

Lab File: VX048142.D

Acq: 13 Oct 2025 15:10

Tgt Ion:	43	Resp:	7949
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.2	22.8
87	12.8	9.6	14.4

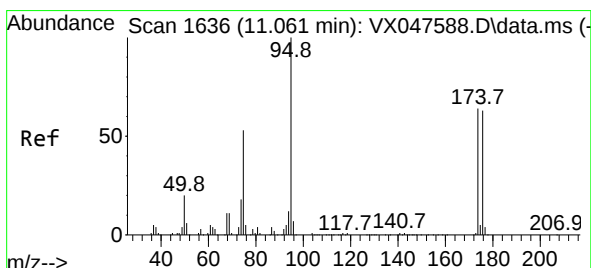
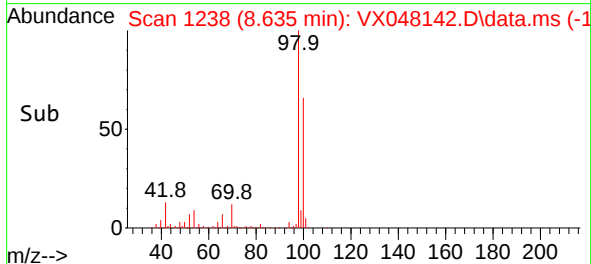
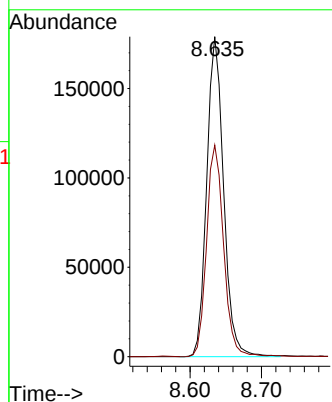
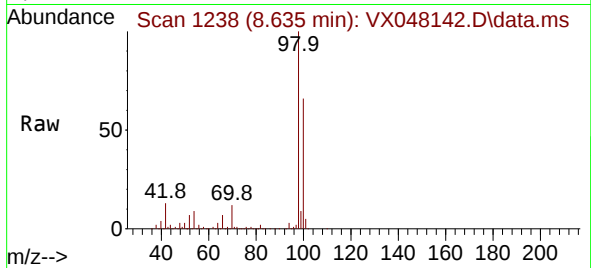




#50
Toluene-d8
Concen: 49.854 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

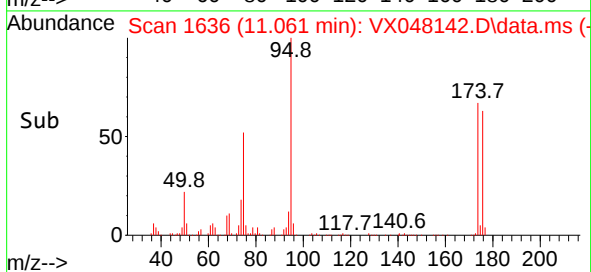
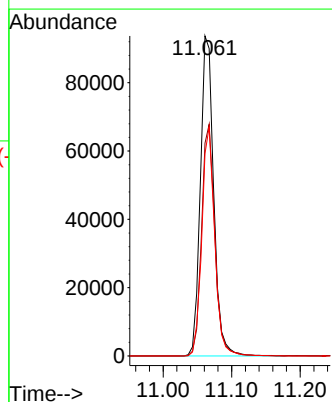
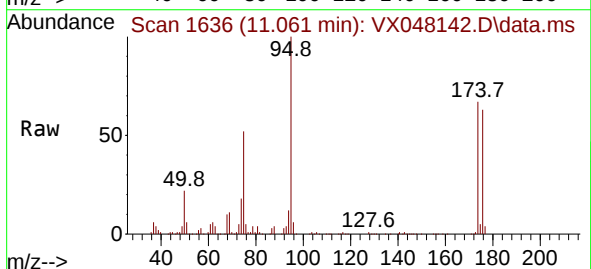
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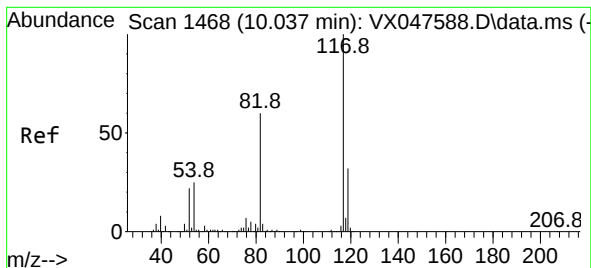
Tgt Ion: 98 Resp: 293820
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.709 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048142.D
Acq: 13 Oct 2025 15:10

Tgt Ion: 95 Resp: 126841
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 69.3 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX048142.D

Acq: 13 Oct 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

PB170063TB

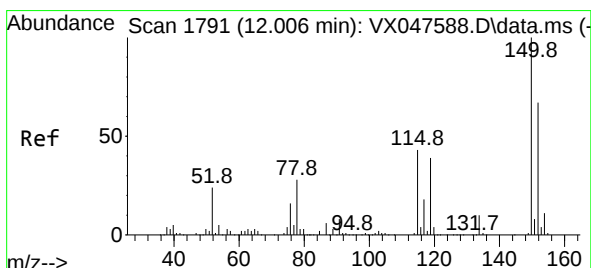
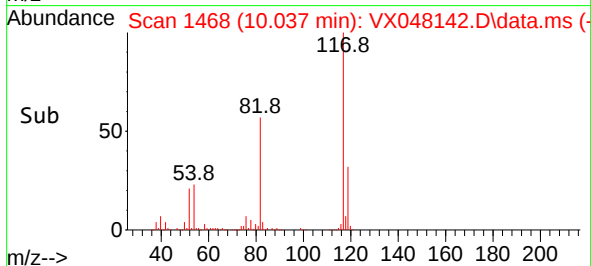
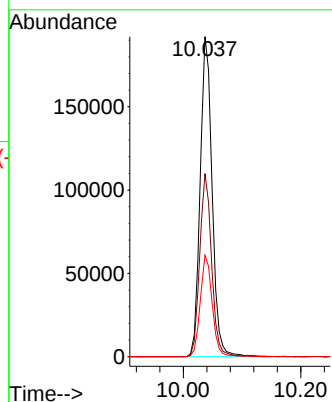
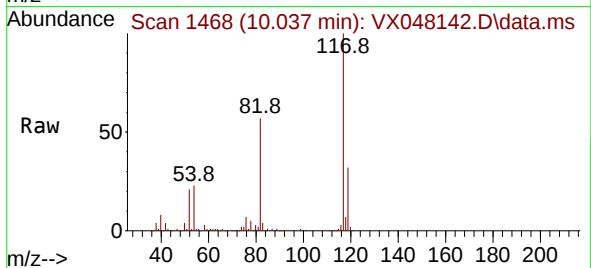
Tgt Ion:117 Resp: 271431

Ion Ratio Lower Upper

117 100

82 57.2 47.8 71.6

119 31.6 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048142.D

Acq: 13 Oct 2025 15:10

Tgt Ion:152 Resp: 136338

Ion Ratio Lower Upper

152 100

115 61.1 44.9 134.5

150 157.9 0.0 352.0

