

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112125\
 Data File : VX048648.D
 Acq On : 21 Nov 2025 11:56
 Operator : JC/MD
 Sample : PB170646TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170646TB

Quant Time: Nov 21 22:11:33 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)

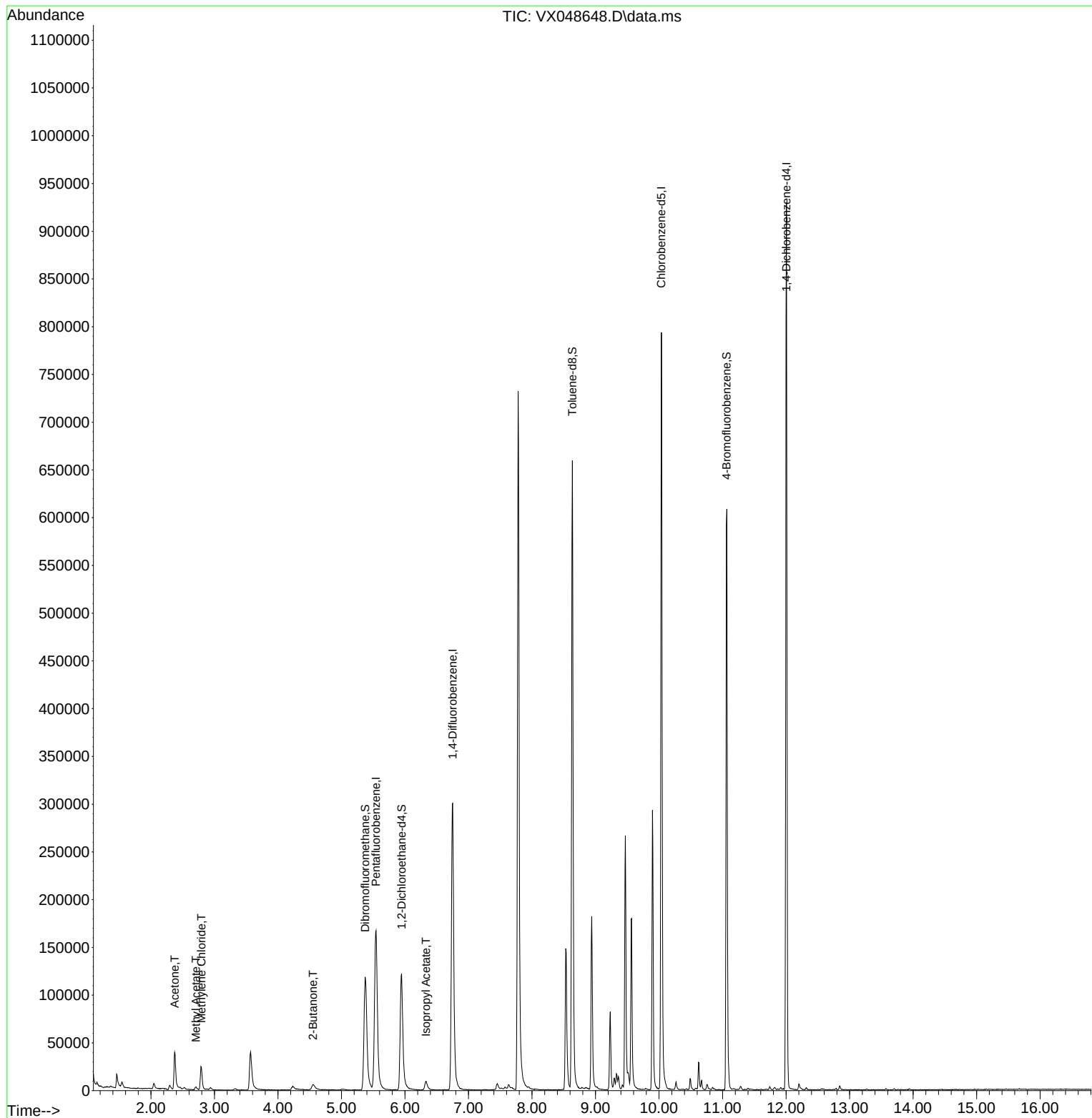
Internal Standards						
1) Pentafluorobenzene	5.543	168	184009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	346311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	377480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	199343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	134466	52.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.880%
35) Dibromofluoromethane	5.373	113	122144	46.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.634	98	420463	51.434	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.860%
62) 4-Bromofluorobenzene	11.061	95	176280	57.864	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.720%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	53788	44.318	ug/l	97
18) Methyl Acetate	2.708	43	4034	1.209	ug/l	96
20) Methylene Chloride	2.794	84	13276	5.321	ug/l	91
25) 2-Butanone	4.550	43	10916	6.080	ug/l	98
43) Isopropyl Acetate	6.330	43	14715	2.119	ug/l	98

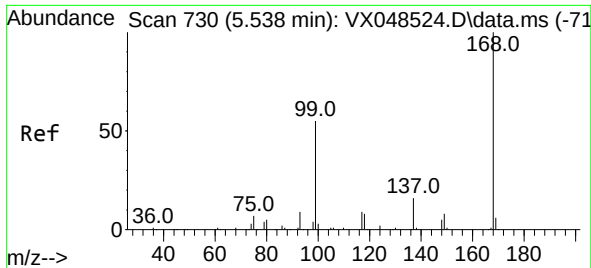
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
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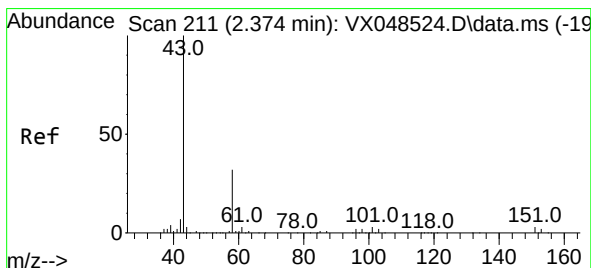
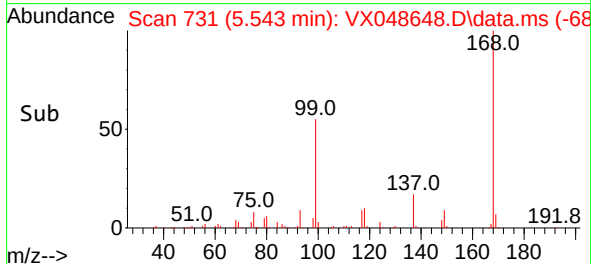
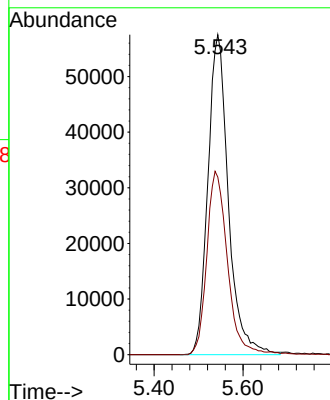
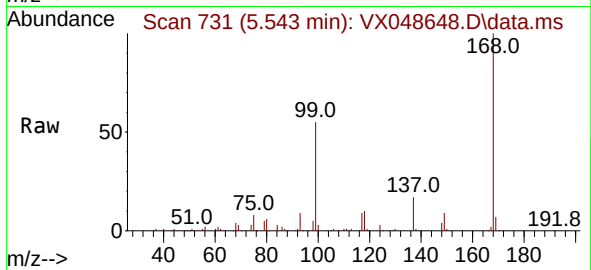




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

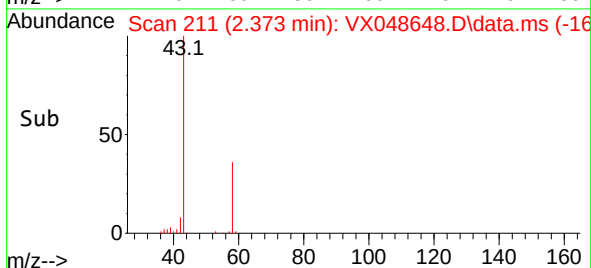
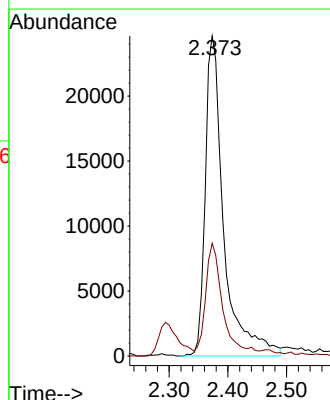
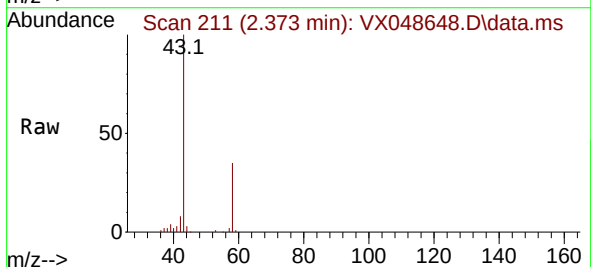
Instrument :
MSVOA_X
ClientSampleId :
PB170646TB

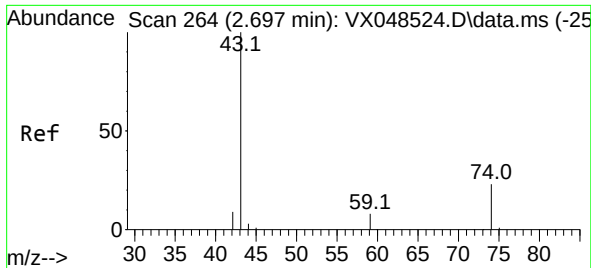
Tgt Ion:168 Resp: 184009
Ion Ratio Lower Upper
168 100
99 55.5 45.2 67.8



#16
Acetone
Concen: 44.318 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

Tgt Ion: 43 Resp: 53788
Ion Ratio Lower Upper
43 100
58 34.1 25.8 38.6

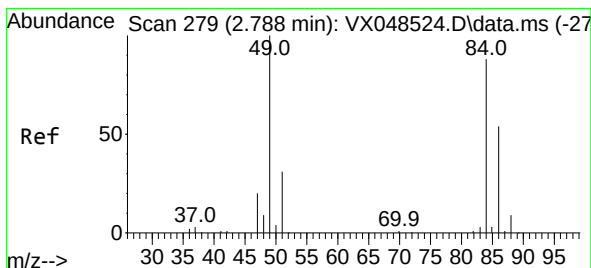
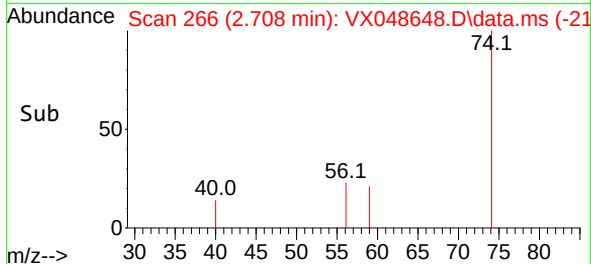
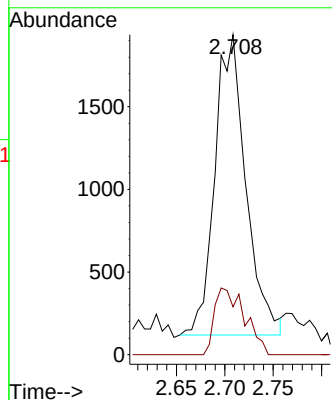
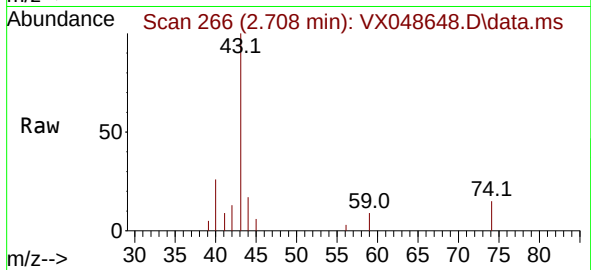




#18
Methyl Acetate
Concen: 1.209 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

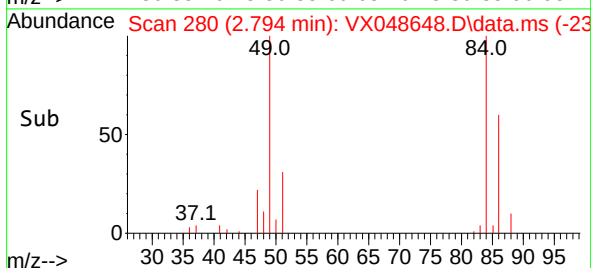
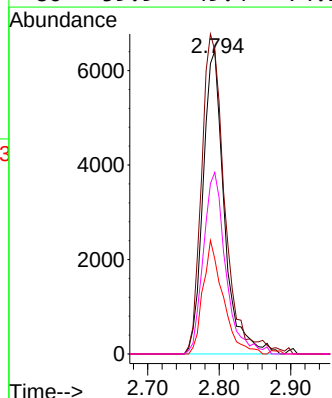
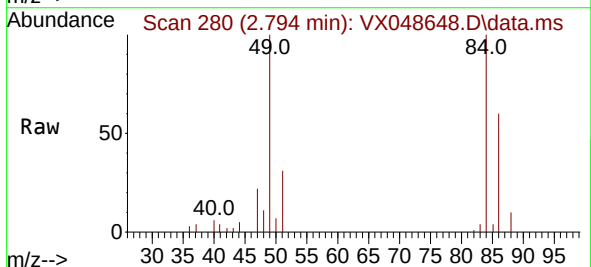
Instrument :
MSVOA_X
ClientSampleId :
PB170646TB

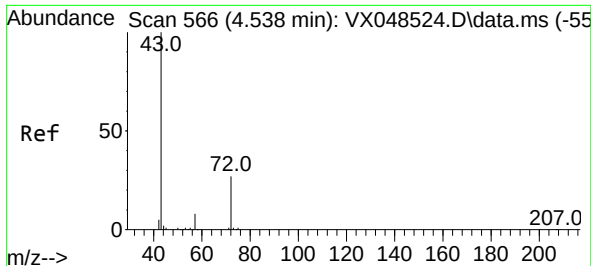
Tgt Ion: 43 Resp: 4034
Ion Ratio Lower Upper
43 100
74 21.7 19.1 28.7



#20
Methylene Chloride
Concen: 5.321 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

Tgt Ion: 84 Resp: 13276
Ion Ratio Lower Upper
84 100
49 100.3 91.2 136.8
51 31.4 28.3 42.5
86 59.9 49.4 74.2





#25

2-Butanone

Concen: 6.080 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX048648.D

Acq: 21 Nov 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

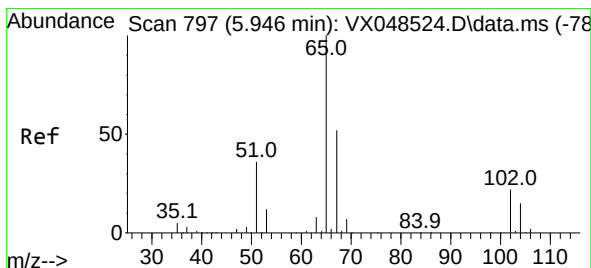
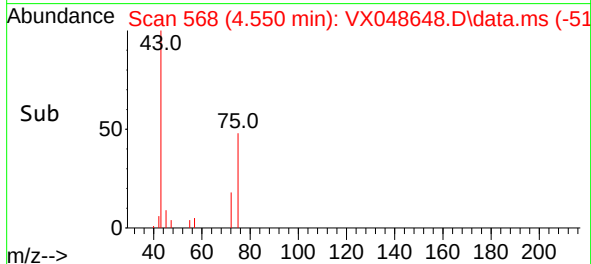
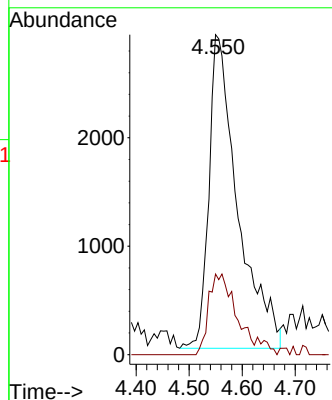
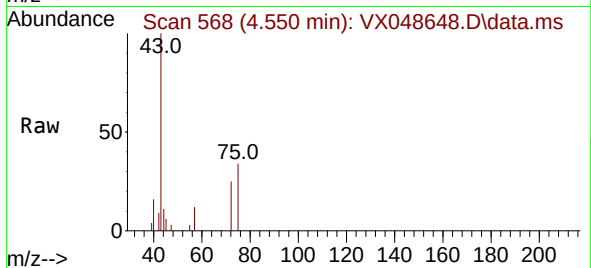
PB170646TB

Tgt Ion: 43 Resp: 10916

Ion Ratio Lower Upper

43 100

72 25.7 21.5 32.3



#33

1,2-Dichloroethane-d4

Concen: 52.443 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.001 min

Lab File: VX048648.D

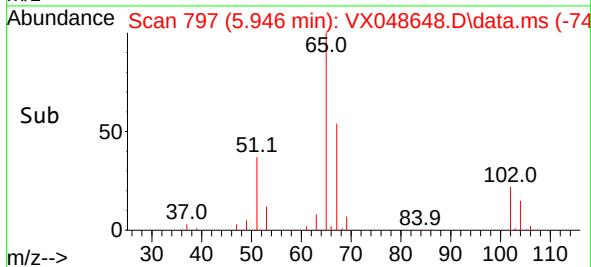
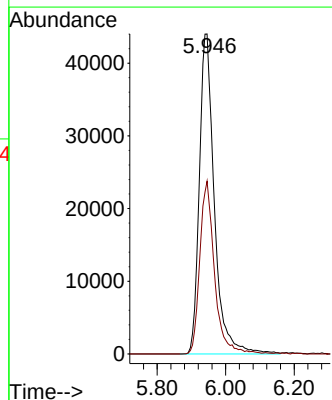
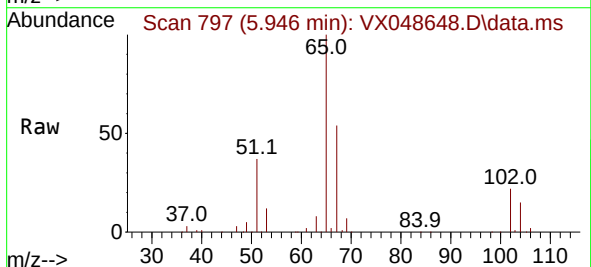
Acq: 21 Nov 2025 11:56

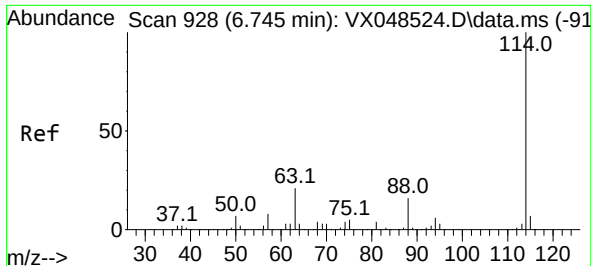
Tgt Ion: 65 Resp: 134466

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX048648.D

Acq: 21 Nov 2025 11:56

Instrument :

MSVOA_X

ClientSampleId :

PB170646TB

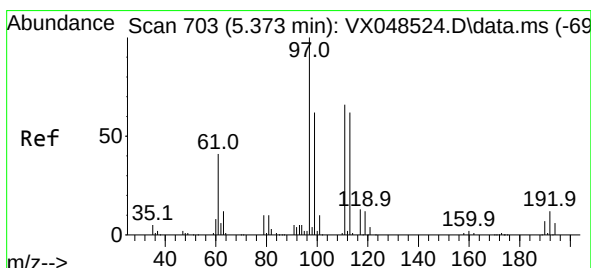
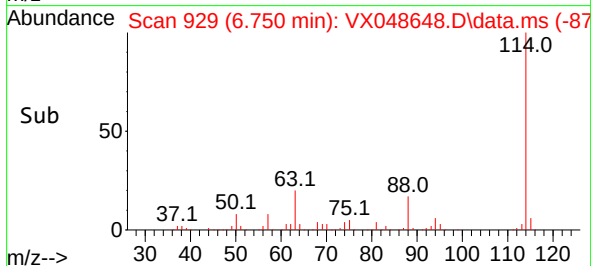
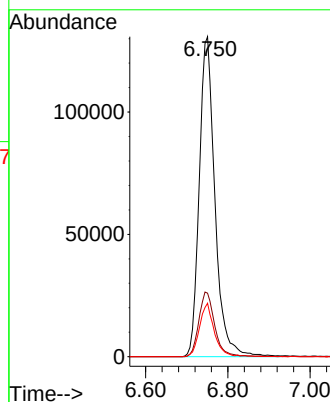
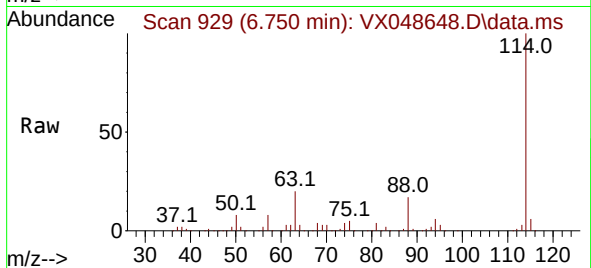
Tgt Ion:114 Resp: 346311

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

88 16.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.600 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.001 min

Lab File: VX048648.D

Acq: 21 Nov 2025 11:56

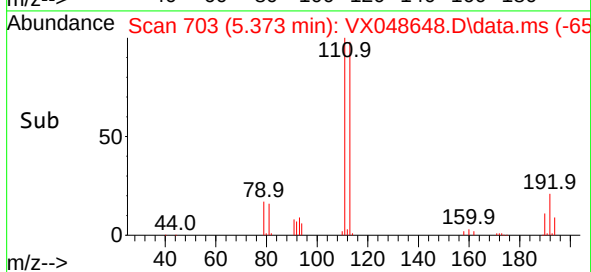
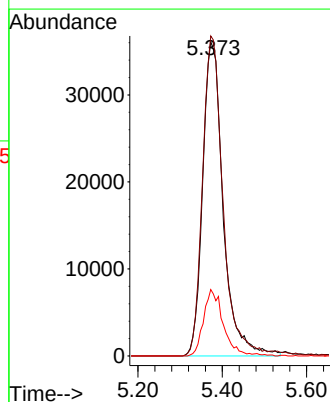
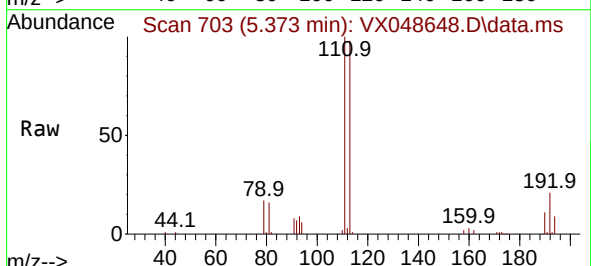
Tgt Ion:113 Resp: 122144

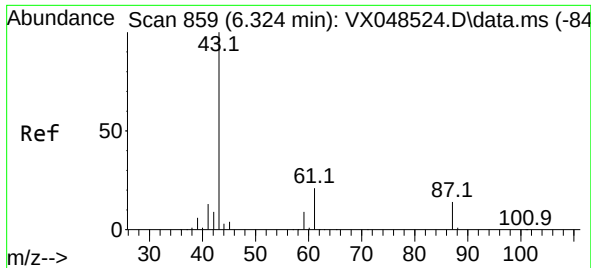
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 20.5 15.8 23.6

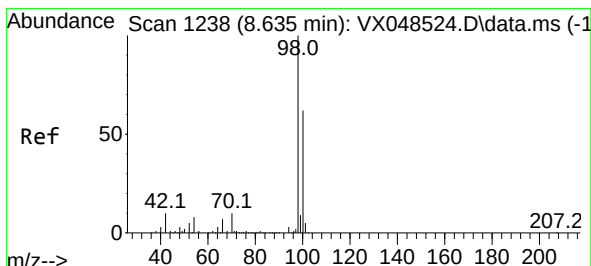
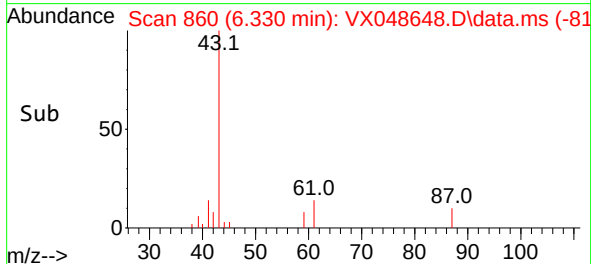
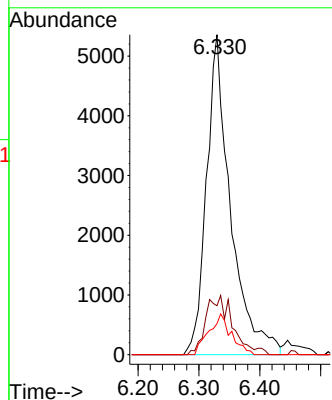
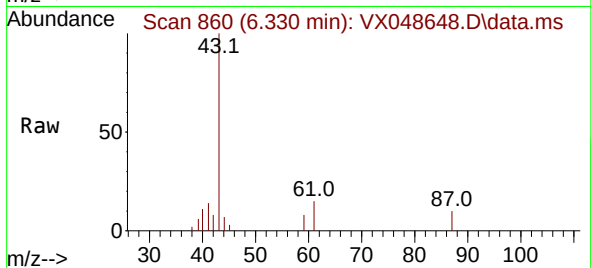




#43
Isopropyl Acetate
Concen: 2.119 ug/l
RT: 6.330 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

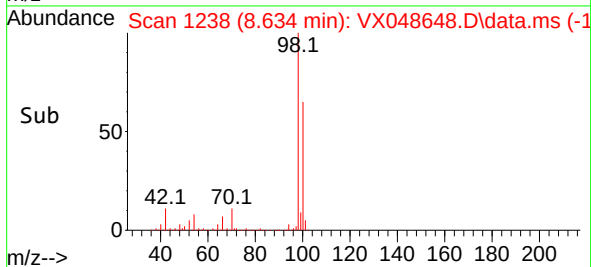
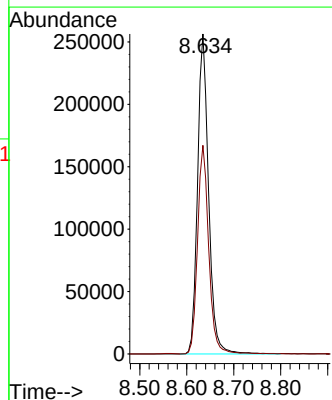
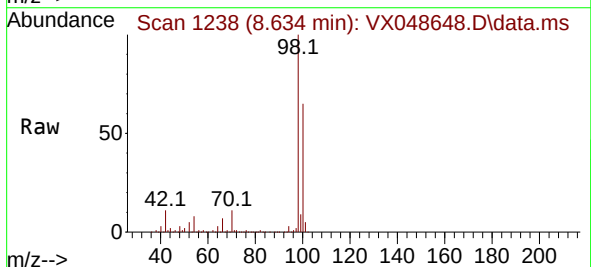
Instrument :
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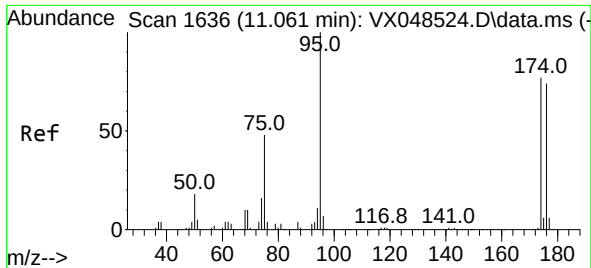
Tgt Ion: 43 Resp: 14715
Ion Ratio Lower Upper
43 100
61 20.8 16.2 24.4
87 11.8 10.9 16.3



#50
Toluene-d8
Concen: 51.434 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.001 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

Tgt Ion: 98 Resp: 420463
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

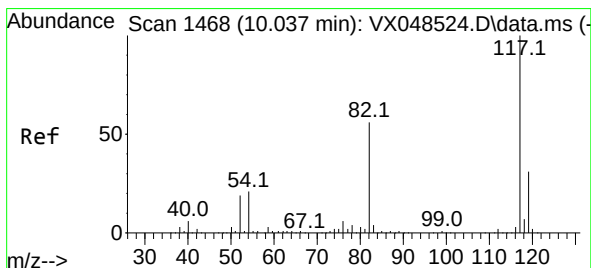
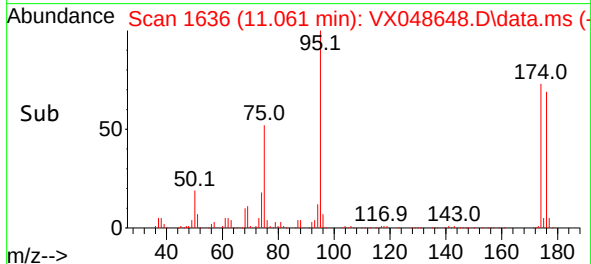
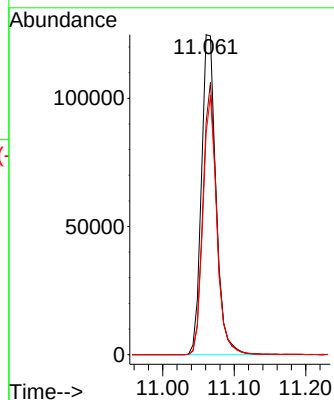
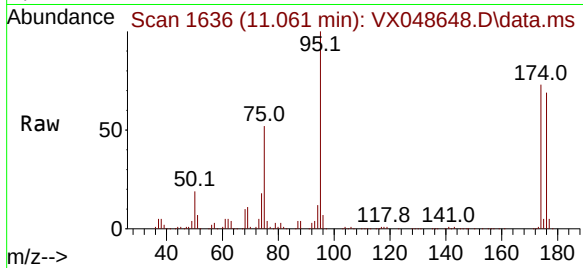




#62
4-Bromofluorobenzene
Concen: 57.864 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

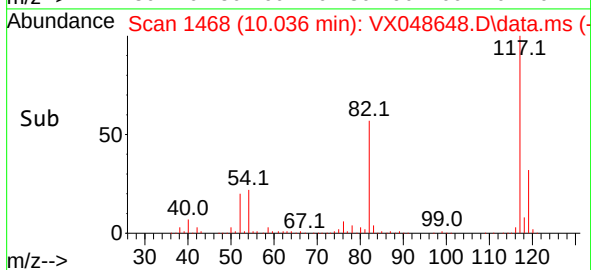
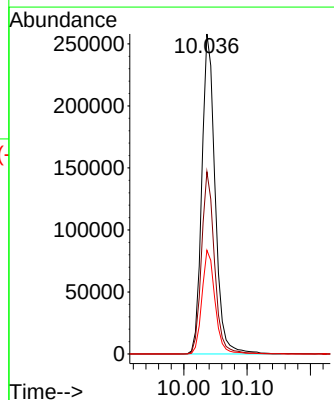
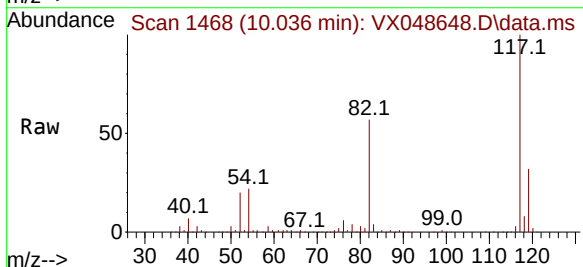
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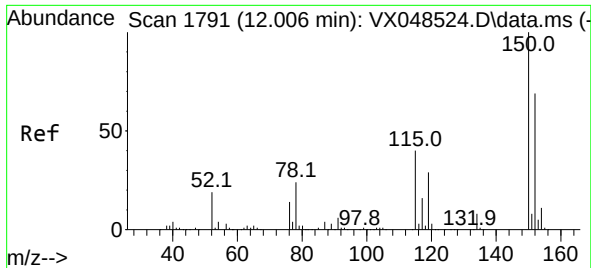
Tgt Ion: 95 Resp: 176280
Ion Ratio Lower Upper
95 100
174 81.3 0.0 161.8
176 77.5 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VX048648.D
Acq: 21 Nov 2025 11:56

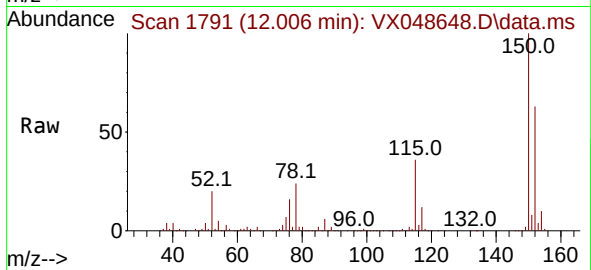
Tgt Ion: 117 Resp: 377480
Ion Ratio Lower Upper
117 100
82 57.0 44.4 66.6
119 32.4 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VX048648.D
 Acq: 21 Nov 2025 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB170646TB



Tgt Ion:152 Resp: 199343
 Ion Ratio Lower Upper
 152 100
 115 58.6 39.2 117.6
 150 159.5 0.0 347.0

