

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046691.D
 Acq On : 13 Jun 2025 15:57
 Operator : JC/MD
 Sample : Q2296-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-1

Quant Time: Jun 13 23:31:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

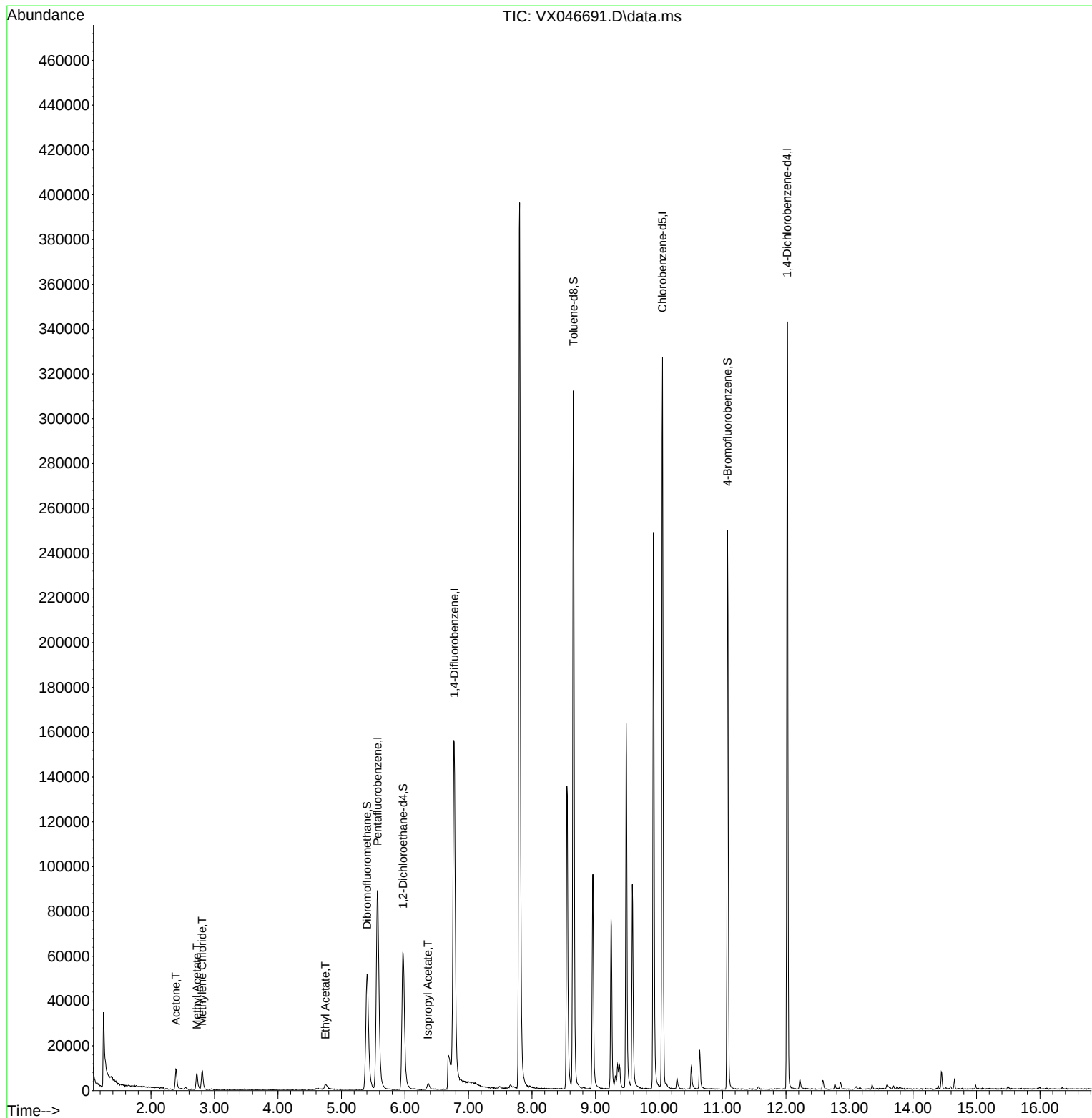
Internal Standards						
1) Pentafluorobenzene	5.568	168	85298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	154803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	66829	44.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.080%
35) Dibromofluoromethane	5.404	113	49064	43.098	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.200%
50) Toluene-d8	8.653	98	179582	47.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.700%
62) 4-Bromofluorobenzene	11.079	95	68092	43.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.700%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	11360	23.307	ug/l	94
18) Methyl Acetate	2.721	43	10423	5.766	ug/l	100
20) Methylene Chloride	2.807	84	4337	3.562	ug/l	87
37) Ethyl Acetate	4.745	43	4826	3.041	ug/l #	86
43) Isopropyl Acetate	6.361	43	4375	1.581	ug/l #	90

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

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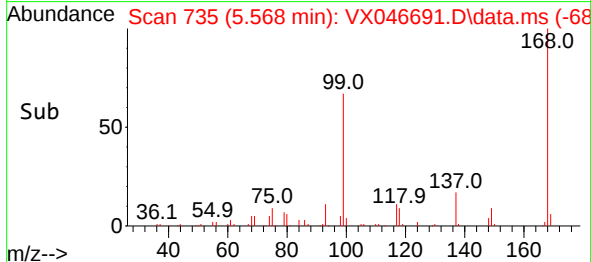
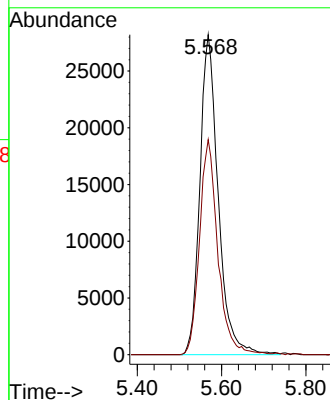
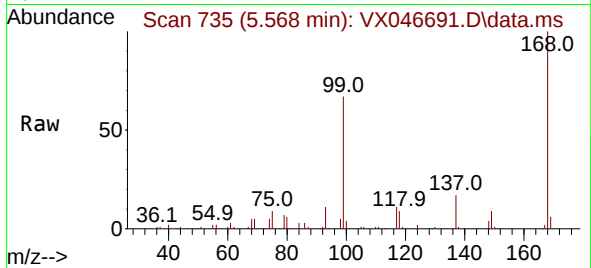




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

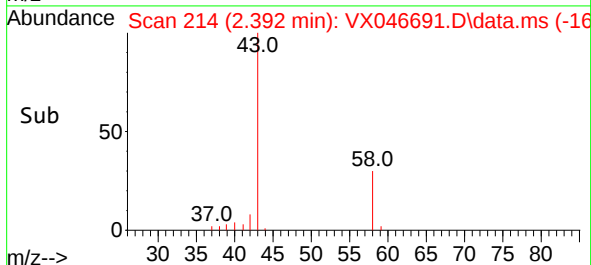
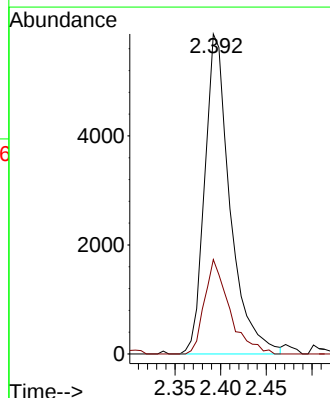
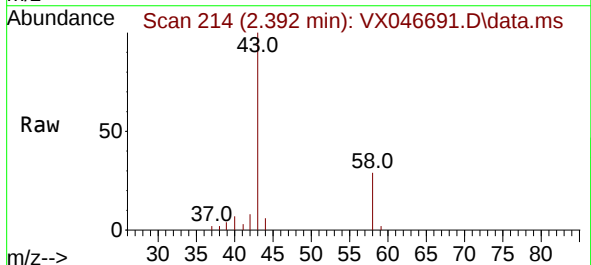
Instrument :
MSVOA_X
ClientSampleId :
WC-1

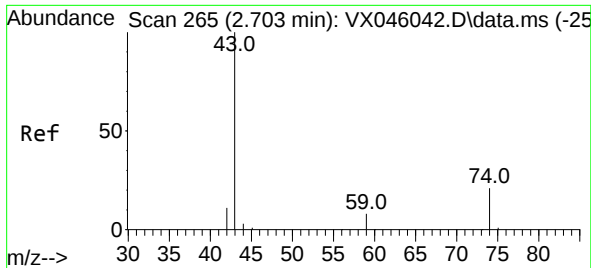
Tgt Ion:168 Resp: 85298
Ion Ratio Lower Upper
168 100
99 67.2 54.9 82.3



#16
Acetone
Concen: 23.307 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

Tgt Ion: 43 Resp: 11360
Ion Ratio Lower Upper
43 100
58 29.5 21.2 31.8

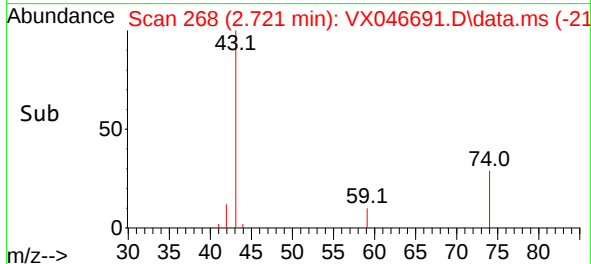
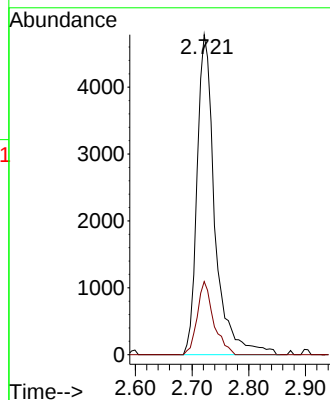
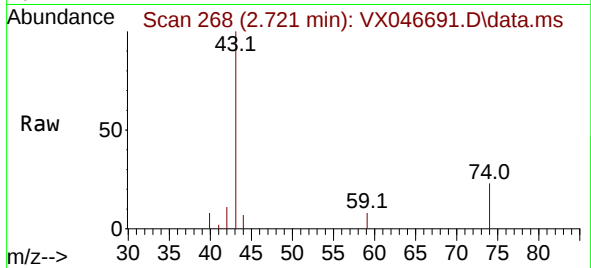




#18
Methyl Acetate
Concen: 5.766 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

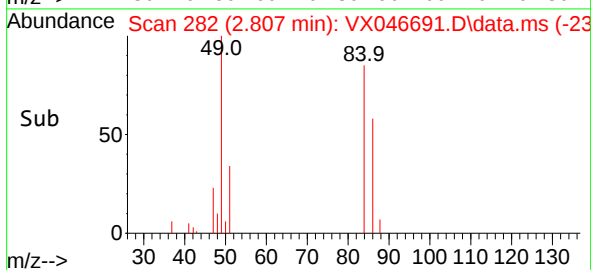
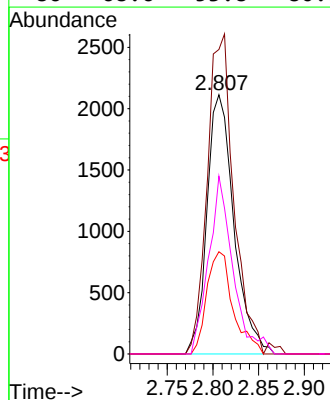
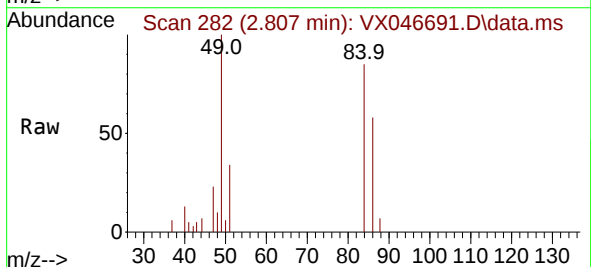
Instrument :
MSVOA_X
ClientSampleId :
WC-1

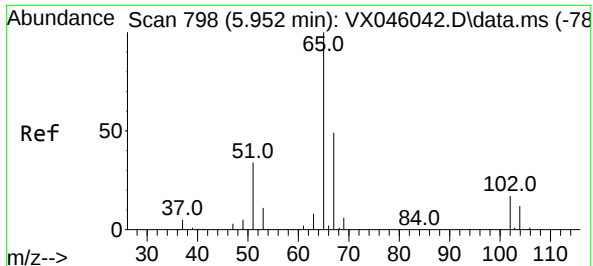
Tgt Ion: 43 Resp: 10423
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1



#20
Methylene Chloride
Concen: 3.562 ug/l
RT: 2.807 min Scan# 282
Delta R.T. 0.001 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

Tgt Ion: 84 Resp: 4337
Ion Ratio Lower Upper
84 100
49 117.5 113.9 170.9
51 39.5 33.5 50.3
86 68.6 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 44.038 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.001 min

Lab File: VX046691.D

Acq: 13 Jun 2025 15:57

Instrument :

MSVOA_X

ClientSampleId :

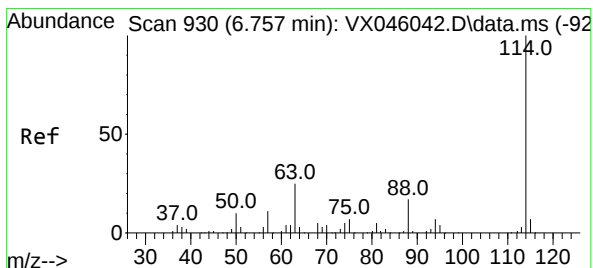
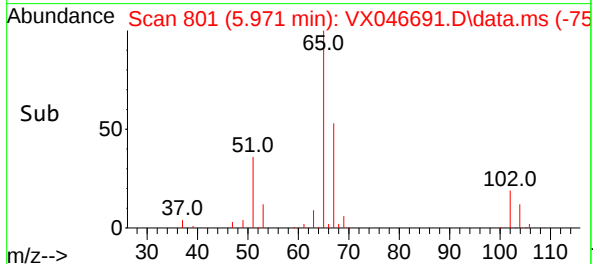
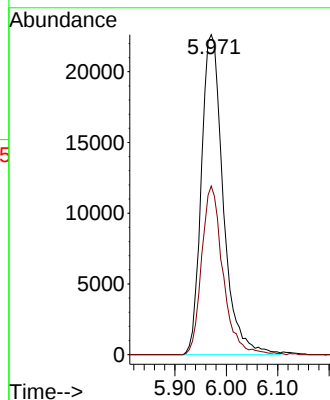
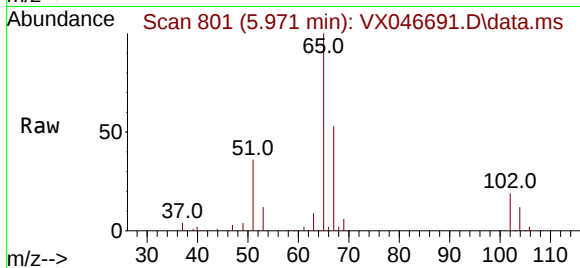
WC-1

Tgt Ion: 65 Resp: 66829

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046691.D

Acq: 13 Jun 2025 15:57

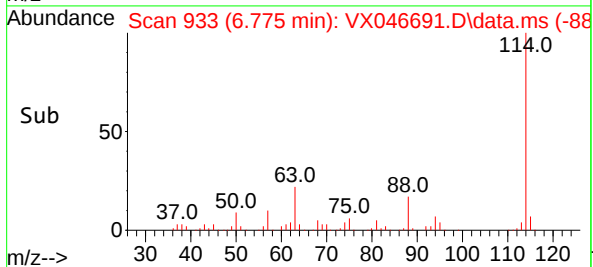
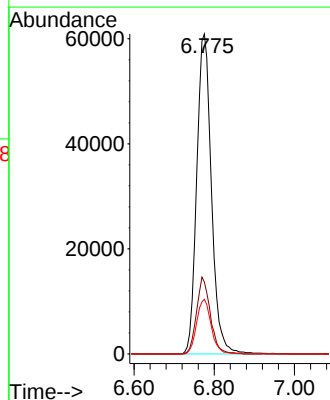
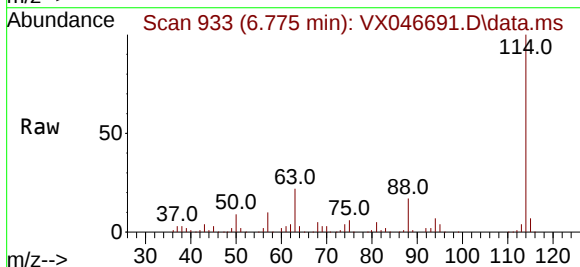
Tgt Ion: 114 Resp: 154803

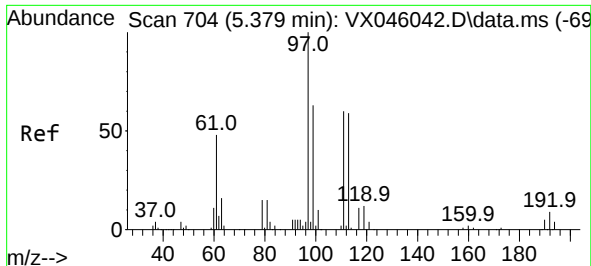
Ion Ratio Lower Upper

114 100

63 22.5 0.0 49.2

88 17.1 0.0 33.6

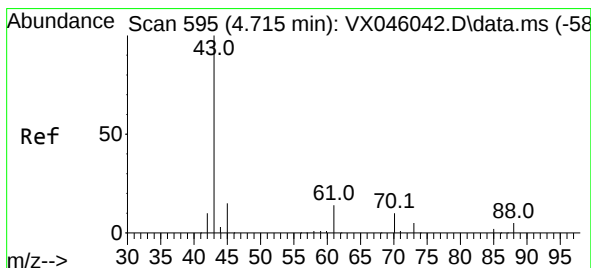
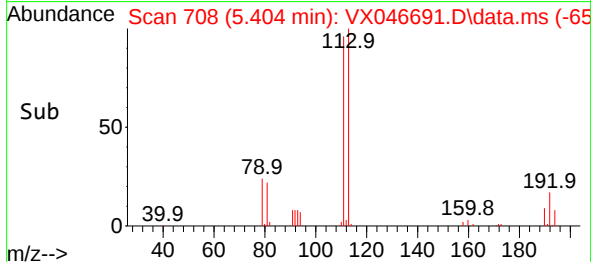
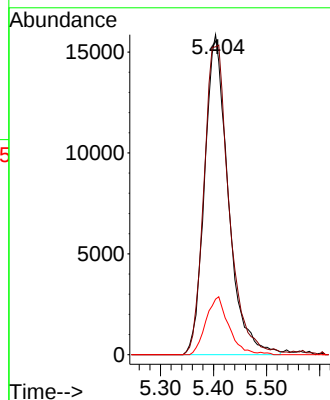
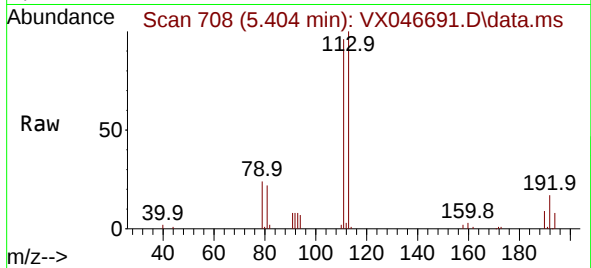




#35
Dibromofluoromethane
Concen: 43.098 ug/l
RT: 5.404 min Scan# 704
Delta R.T. 0.001 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

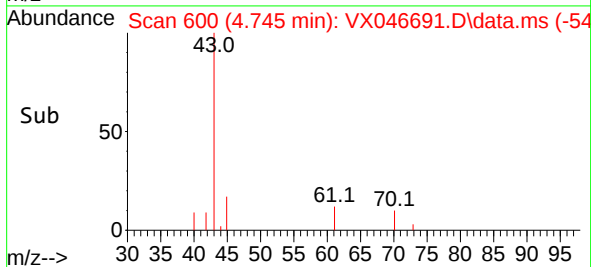
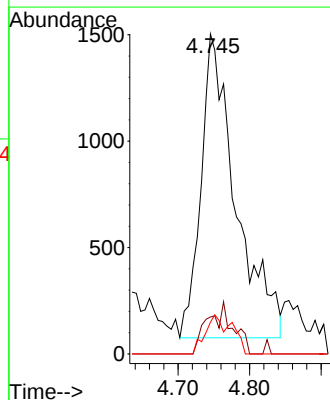
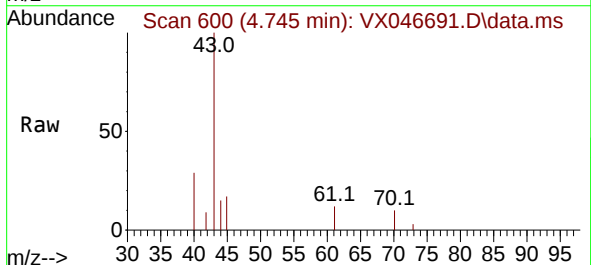
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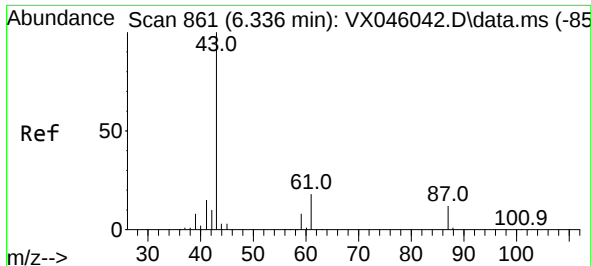
Tgt Ion:113 Resp: 49064
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 17.4 13.3 19.9



#37
Ethyl Acetate
Concen: 3.041 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

Tgt Ion: 43 Resp: 4826
Ion Ratio Lower Upper
43 100
61 6.3 10.3 15.5#
70 6.2 7.9 11.9#

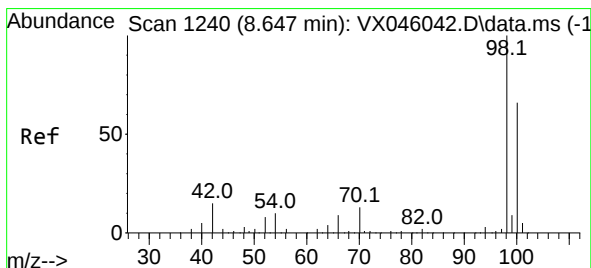
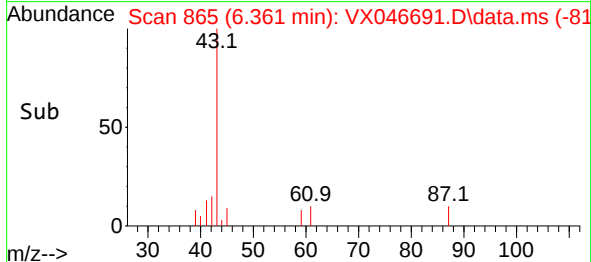
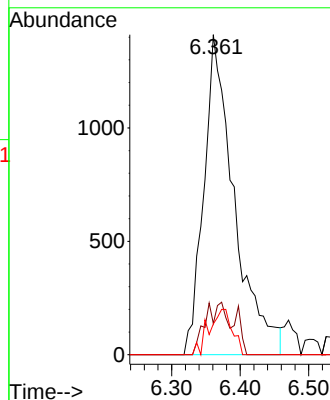
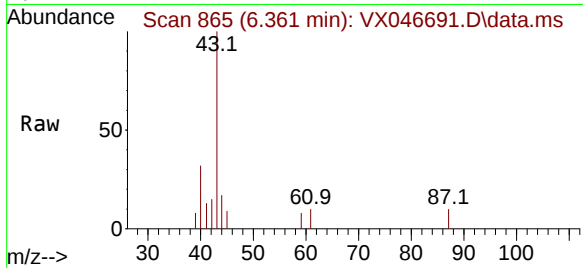




#43
Isopropyl Acetate
Concen: 1.581 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

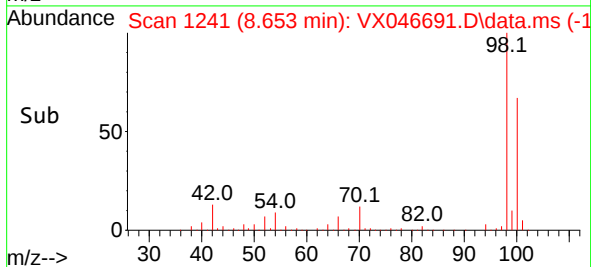
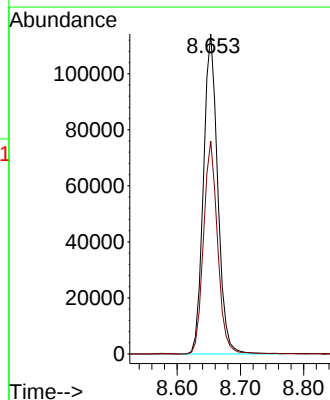
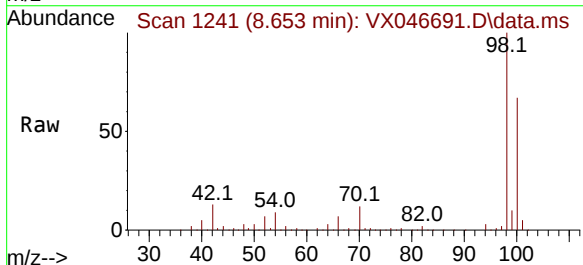
Instrument :
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ClientSampleId :
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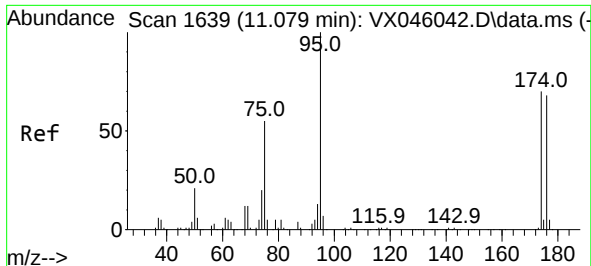
Tgt Ion: 43 Resp: 4375
Ion Ratio Lower Upper
43 100
61 11.7 14.3 21.5#
87 10.8 9.5 14.3



#50
Toluene-d8
Concen: 47.847 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

Tgt Ion: 98 Resp: 179582
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3

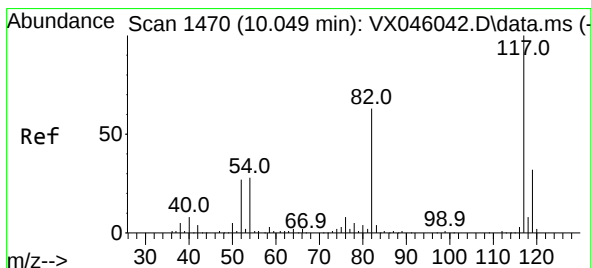
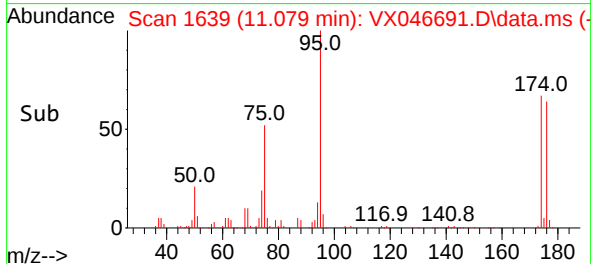
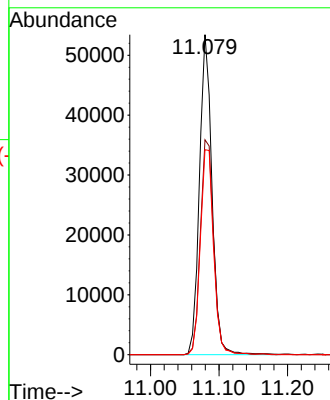
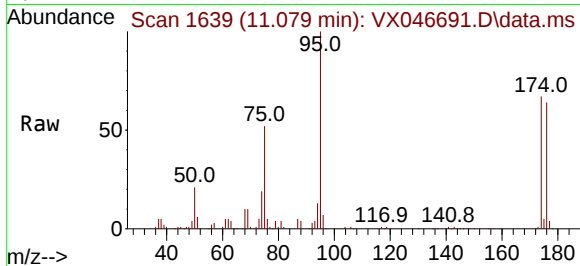




#62
4-Bromofluorobenzene
Concen: 43.849 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

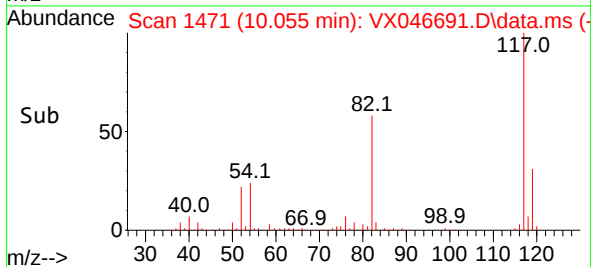
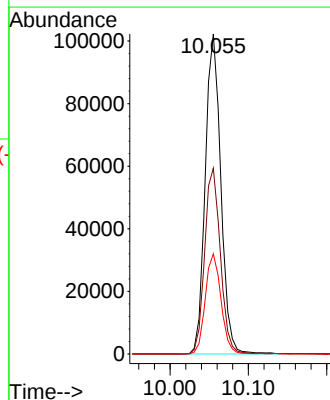
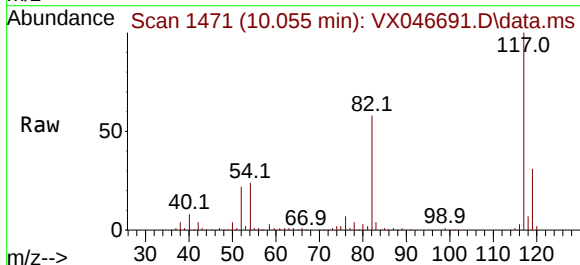
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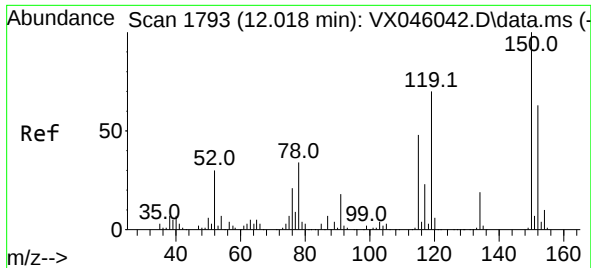
Tgt Ion: 95 Resp: 68092
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.8
176 67.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046691.D
Acq: 13 Jun 2025 15:57

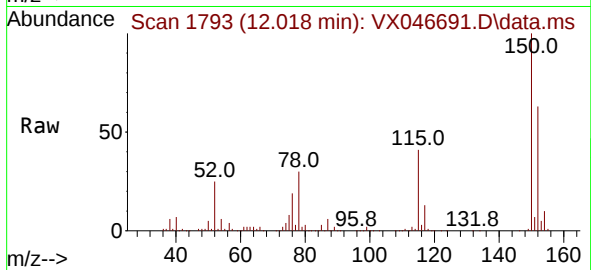
Tgt Ion: 117 Resp: 141035
Ion Ratio Lower Upper
117 100
82 58.1 50.6 76.0
119 31.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046691.D
 Acq: 13 Jun 2025 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 68505
 Ion Ratio Lower Upper
 152 100
 115 64.1 46.9 140.7
 150 156.0 0.0 351.0

