

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045952.D
 Acq On : 28 Apr 2025 13:30
 Operator : JC/MD
 Sample : Q1871-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-B

Quant Time: Apr 29 01:33:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

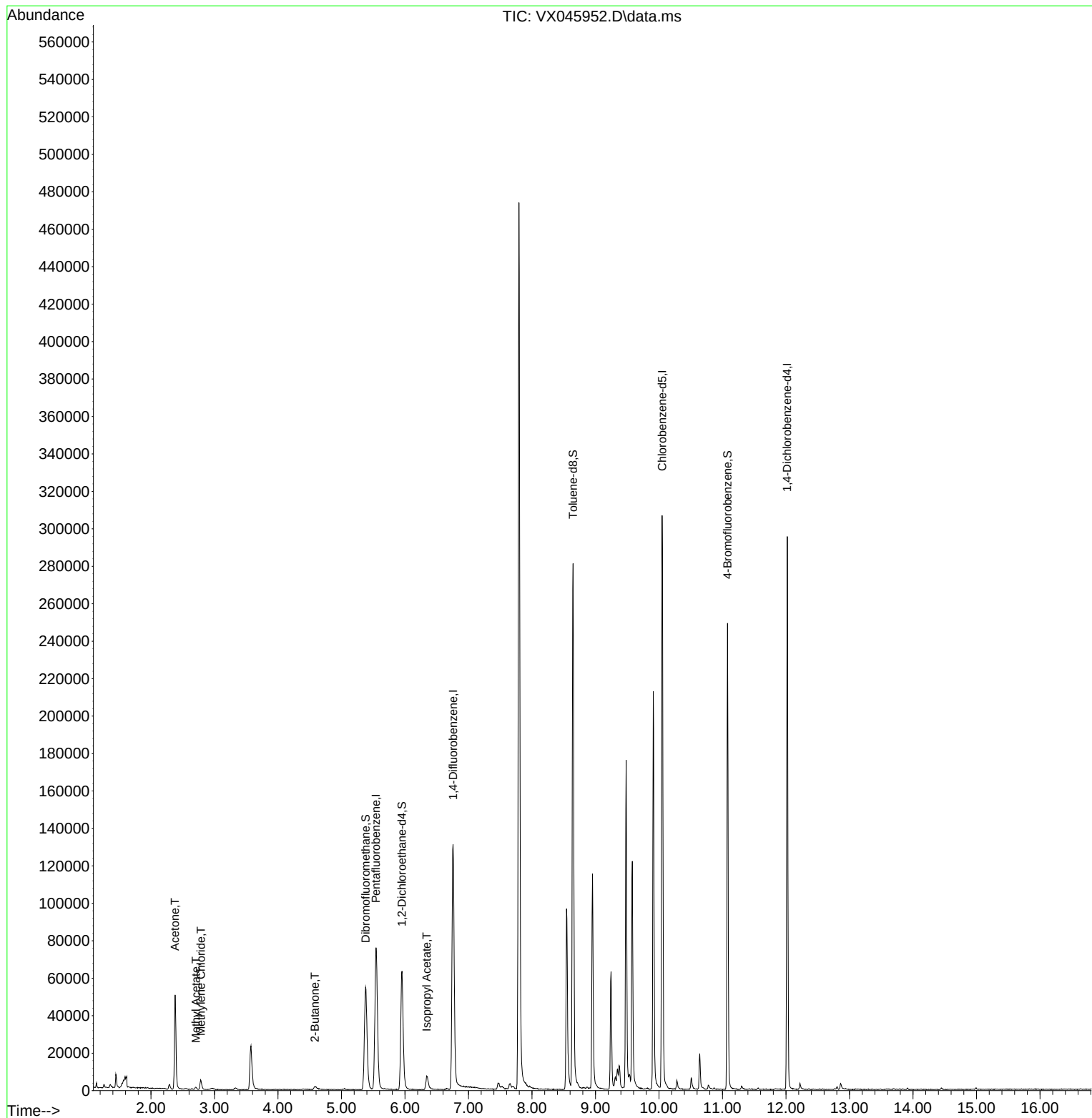
Internal Standards						
1) Pentafluorobenzene	5.544	168	64799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65424	55.210	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.420%			
35) Dibromofluoromethane	5.379	113	47311	52.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.380%			
50) Toluene-d8	8.647	98	164387	51.956	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.920%			
62) 4-Bromofluorobenzene	11.079	95	62761	54.458	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.920%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	55773	114.619	ug/l	95
18) Methyl Acetate	2.709	43	1698	1.516	ug/l	94
20) Methylene Chloride	2.788	84	2376	2.608	ug/l #	87
25) 2-Butanone	4.581	43	3778	5.304	ug/l	94
43) Isopropyl Acetate	6.342	43	11190	4.787	ug/l	97

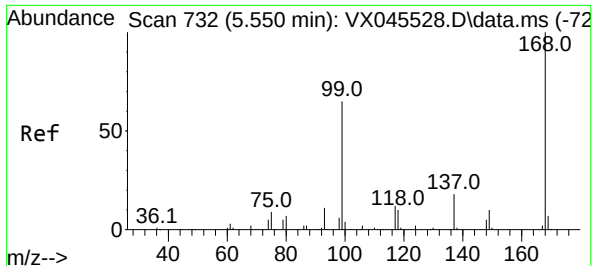
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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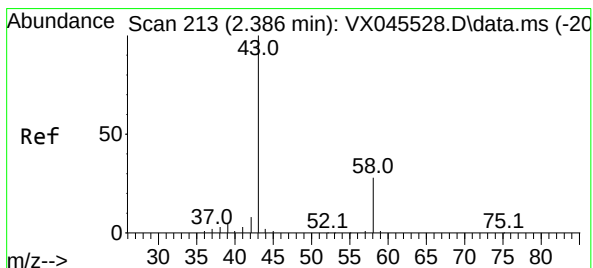
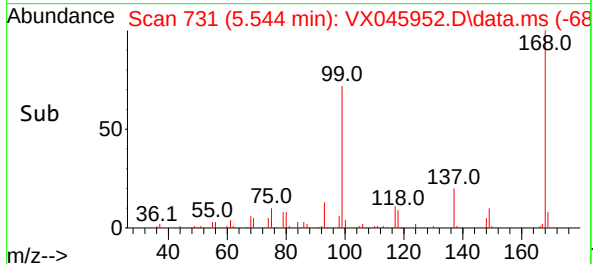
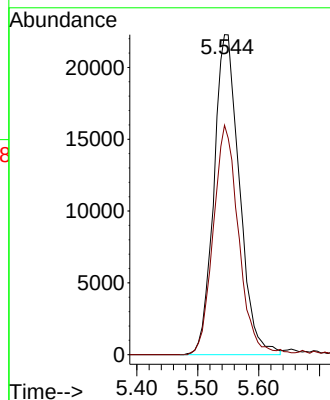
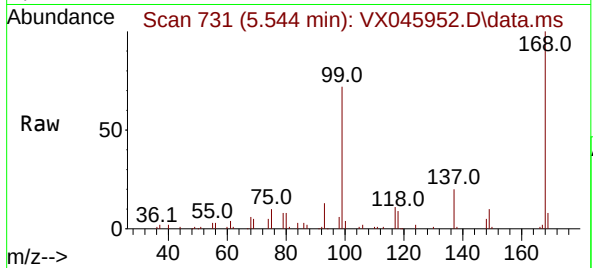




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

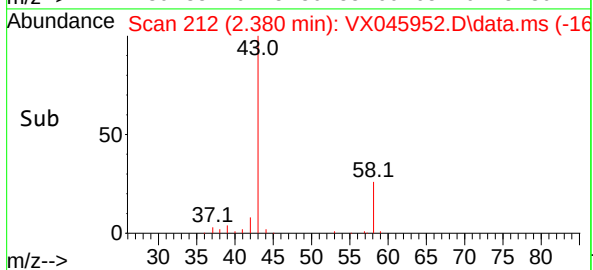
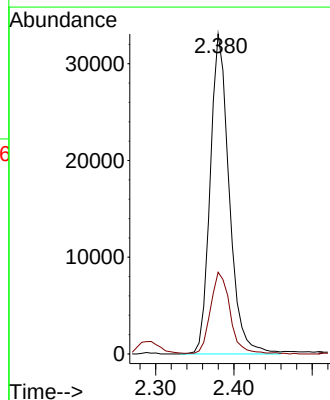
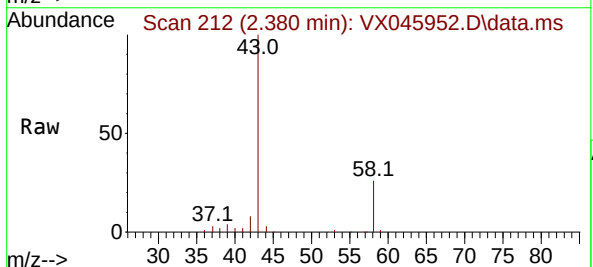
Instrument :
MSVOA_X
ClientSampleId :
MH-B

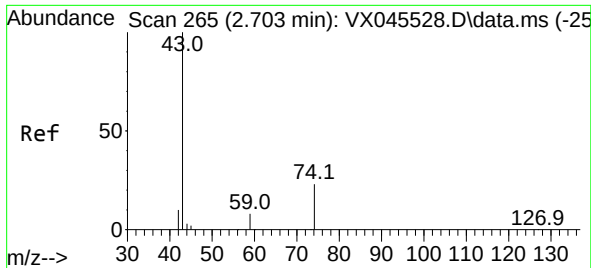
Tgt Ion:168 Resp: 64799
Ion Ratio Lower Upper
168 100
99 71.7 52.3 78.5



#16
Acetone
Concen: 114.619 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

Tgt Ion: 43 Resp: 55773
Ion Ratio Lower Upper
43 100
58 25.4 22.3 33.5

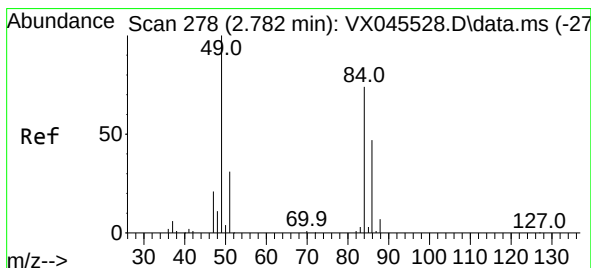
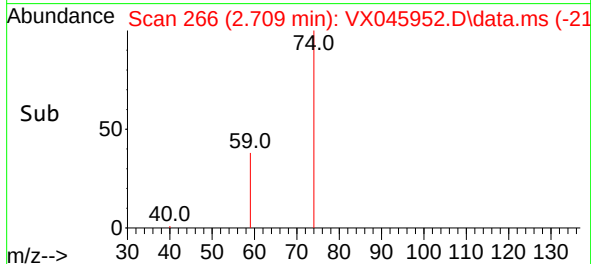
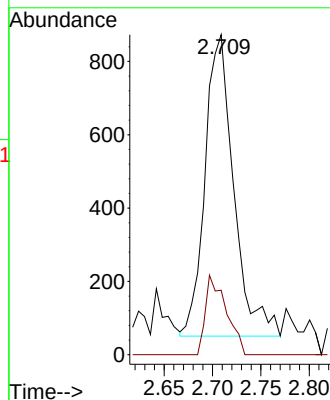
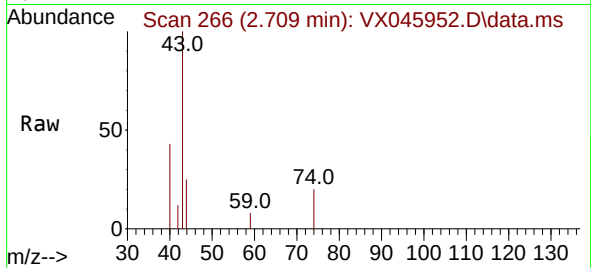




#18
Methyl Acetate
Concen: 1.516 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

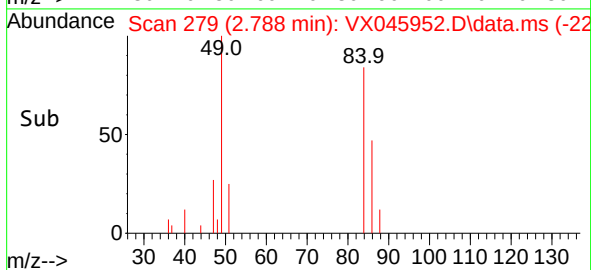
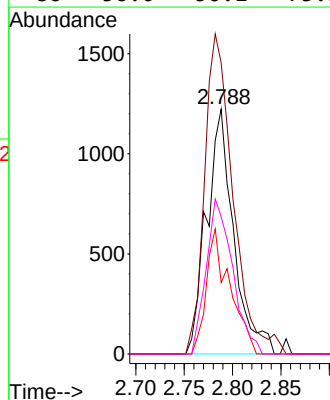
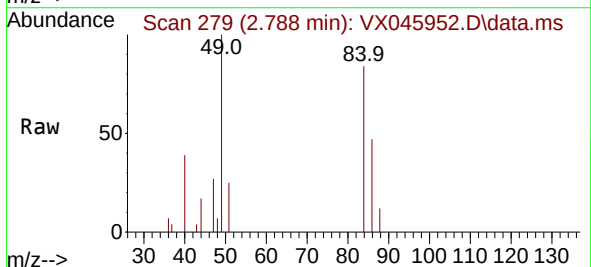
Instrument :
MSVOA_X
ClientSampleId :
MH-B

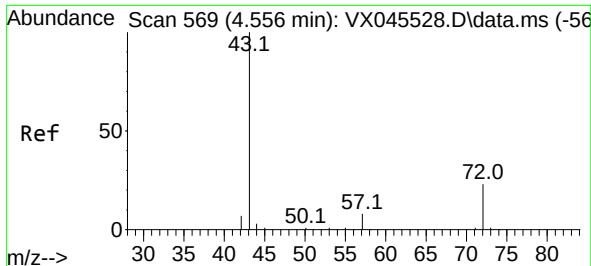
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
74 19.2 17.5 26.3



#20
Methylene Chloride
Concen: 2.608 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

Tgt Ion: 84 Resp: 2376
Ion Ratio Lower Upper
84 100
49 118.9 107.5 161.3
51 29.2 33.0 49.6#
86 56.0 50.1 75.1

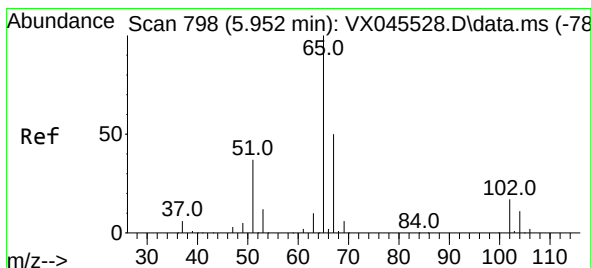
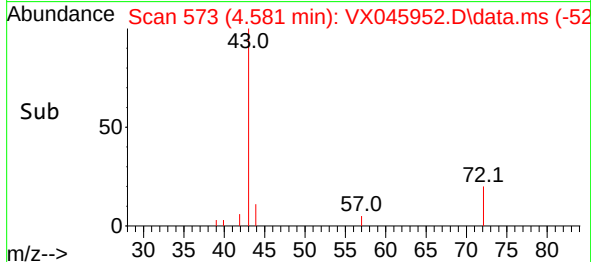
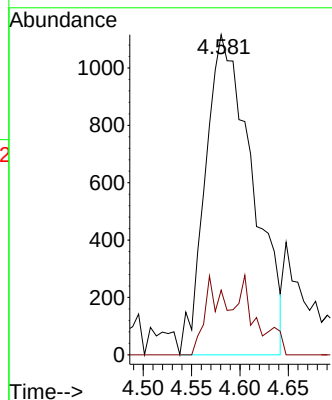
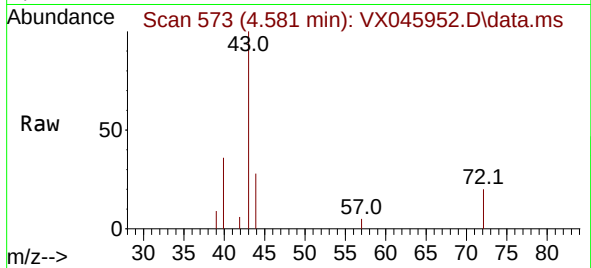




#25
2-Butanone
Concen: 5.304 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

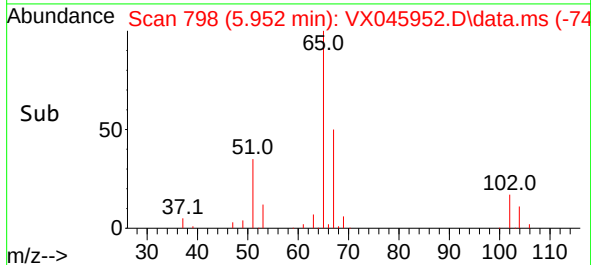
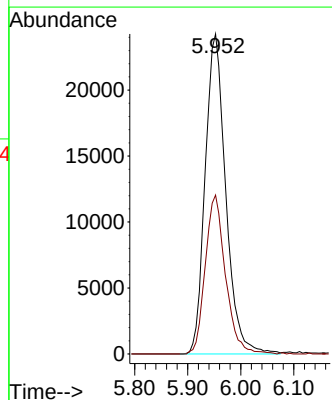
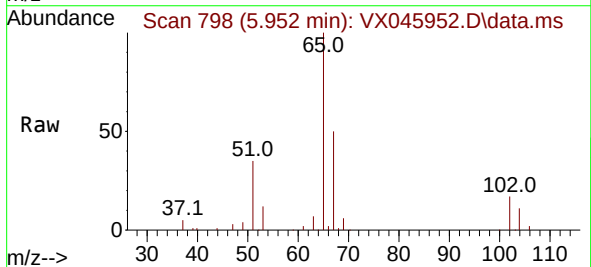
Instrument :
MSVOA_X
ClientSampleId :
MH-B

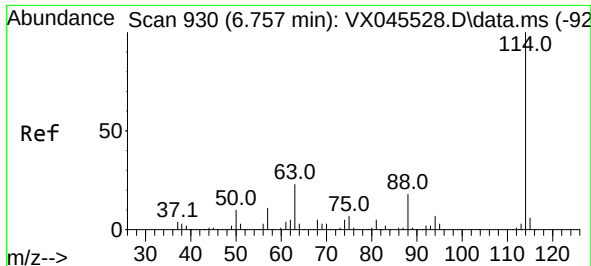
Tgt Ion: 43 Resp: 3778
Ion Ratio Lower Upper
43 100
72 20.2 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 55.210 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

Tgt Ion: 65 Resp: 65424
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

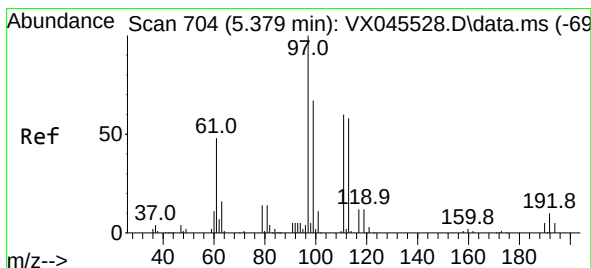
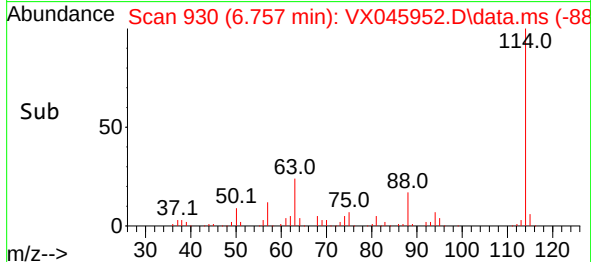
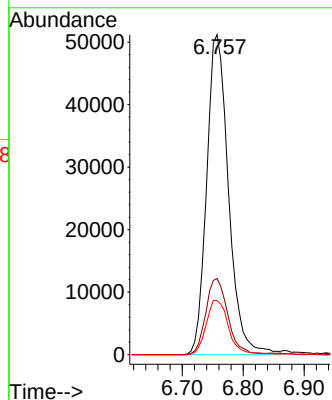
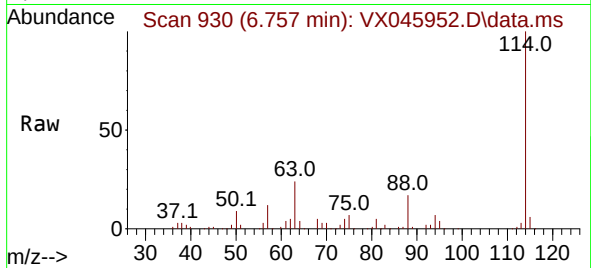




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

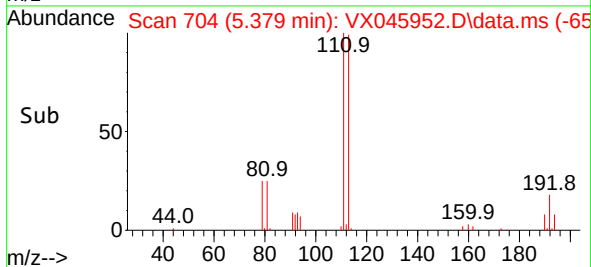
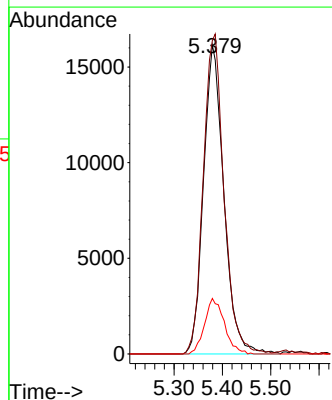
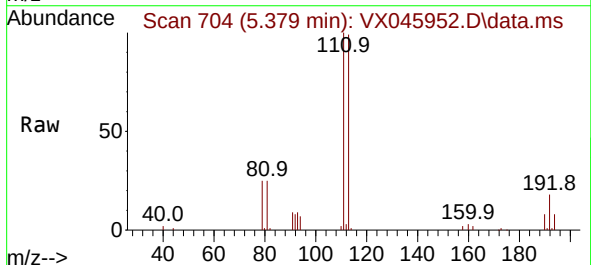
Instrument :
MSVOA_X
ClientSampleId :
MH-B

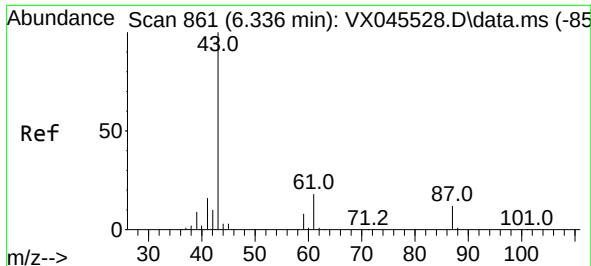
Tgt Ion:114 Resp: 127762
Ion Ratio Lower Upper
114 100
63 23.8 0.0 46.8
88 16.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.192 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

Tgt Ion:113 Resp: 47311
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 17.5 13.8 20.6

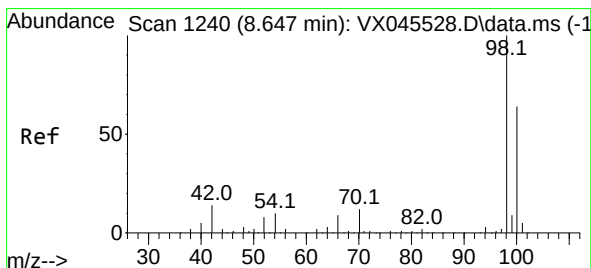
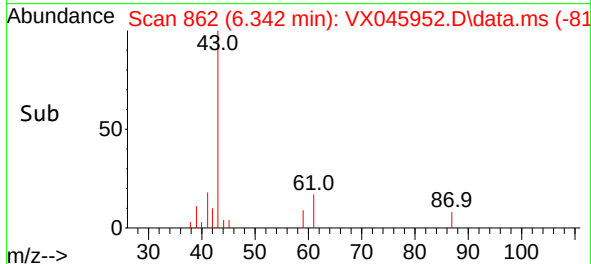
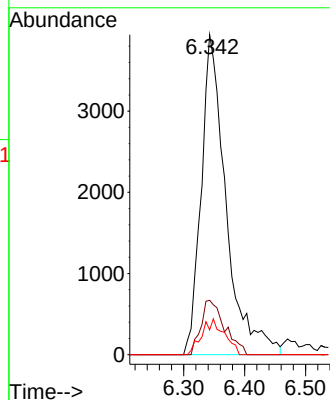
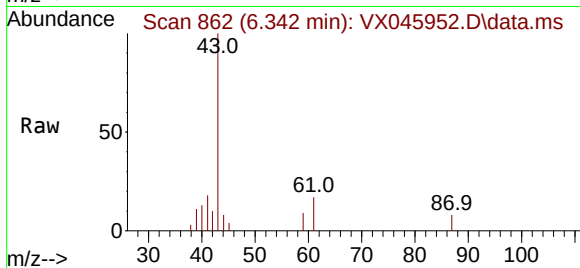




#43
Isopropyl Acetate
Concen: 4.787 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

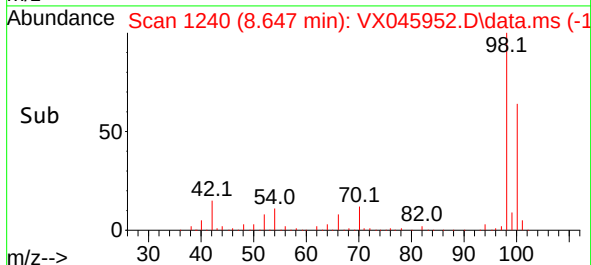
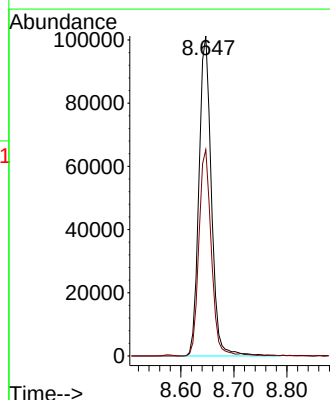
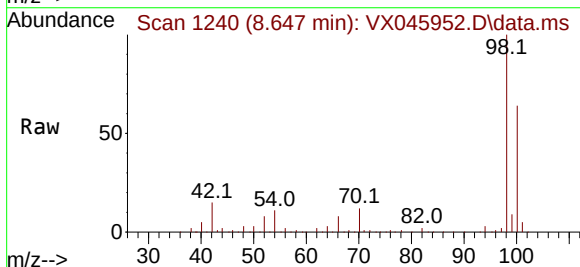
Instrument :
MSVOA_X
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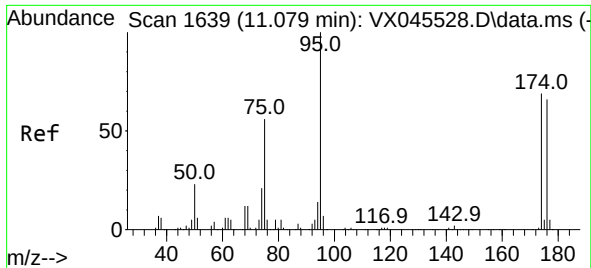
Tgt Ion: 43 Resp: 11190
Ion Ratio Lower Upper
43 100
61 16.3 14.1 21.1
87 10.1 9.2 13.8



#50
Toluene-d8
Concen: 51.956 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

Tgt Ion: 98 Resp: 164387
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

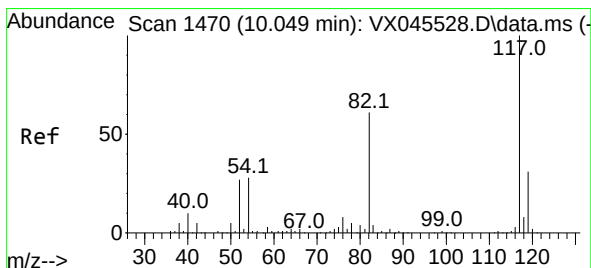
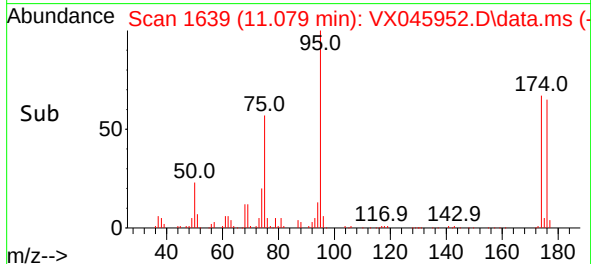
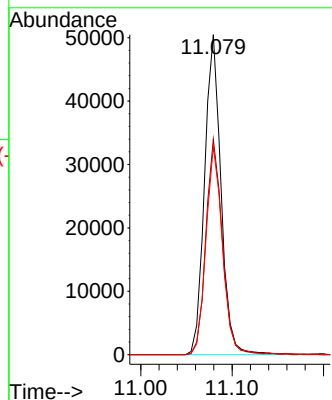
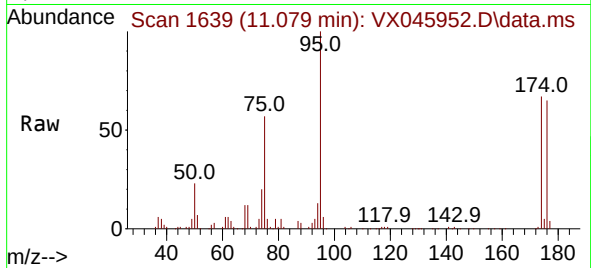




#62
4-Bromofluorobenzene
Concen: 54.458 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

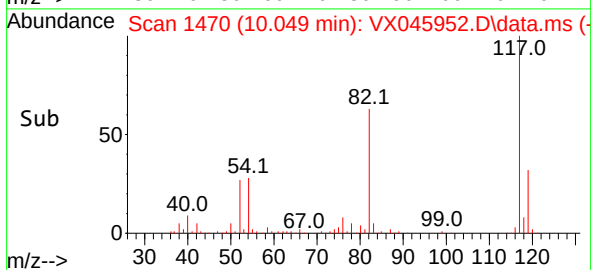
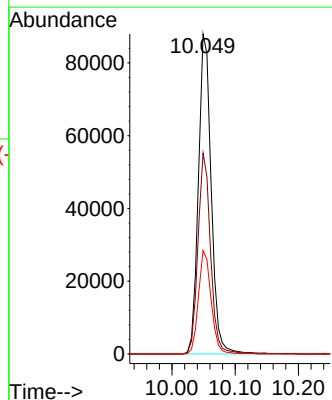
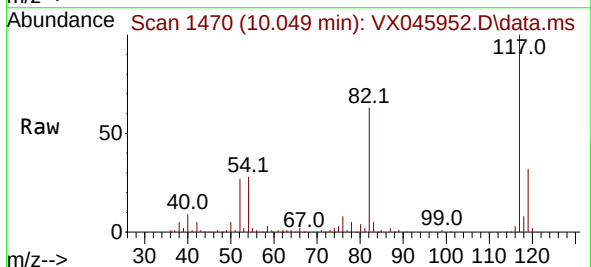
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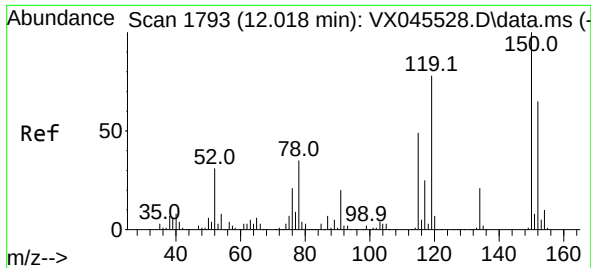
Tgt Ion: 95 Resp: 62761
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 65.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045952.D
Acq: 28 Apr 2025 13:30

Tgt Ion: 117 Resp: 124401
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 32.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045952.D

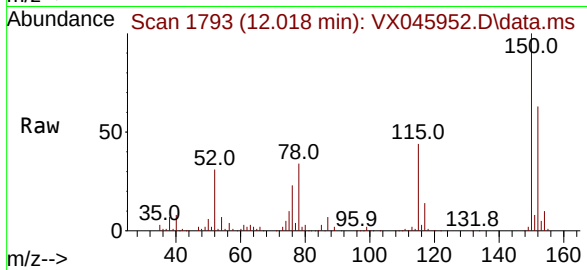
Acq: 28 Apr 2025 13:30

Instrument :

MSVOA_X

ClientSampleId :

MH-B



Tgt Ion:152 Resp: 52694

Ion Ratio Lower Upper

152 100

115 65.4 46.9 140.7

150 158.6 0.0 349.4

