

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045959.D
 Acq On : 28 Apr 2025 16:13
 Operator : JC/MD
 Sample : Q1892-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

Quant Time: Apr 29 01:35:10 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)

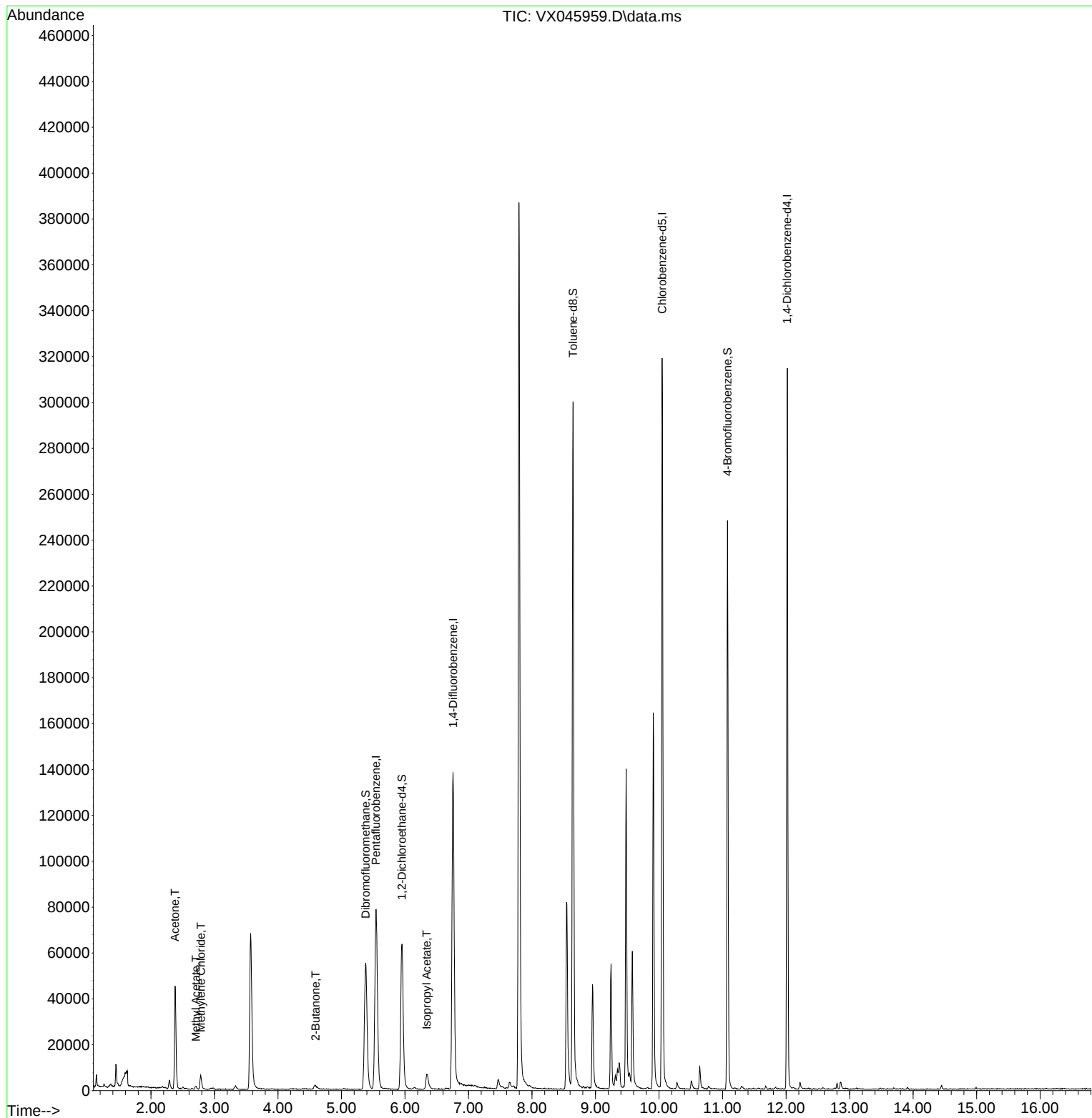
Internal Standards						
1) Pentafluorobenzene	5.544	168	67695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66664	53.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.700%			
35) Dibromofluoromethane	5.379	113	48226	51.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.647	98	170966	51.872	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.740%			
62) 4-Bromofluorobenzene	11.079	95	65772	54.786	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.580%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	48447	95.304	ug/l	97
18) Methyl Acetate	2.709	43	1808	1.545	ug/l	94
20) Methylene Chloride	2.788	84	2933	3.082	ug/l	87
25) 2-Butanone	4.593	43	4142	5.566	ug/l	93
43) Isopropyl Acetate	6.342	43	10816	4.442	ug/l	98

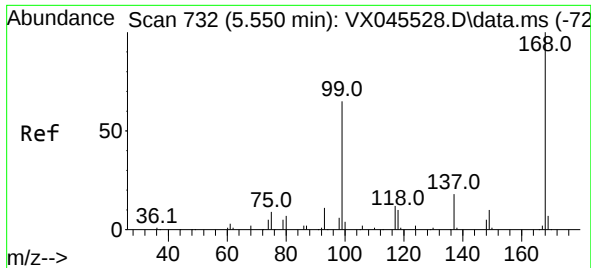
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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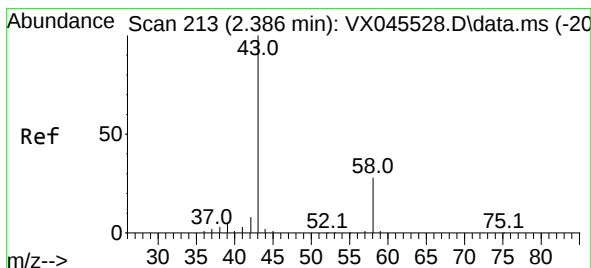
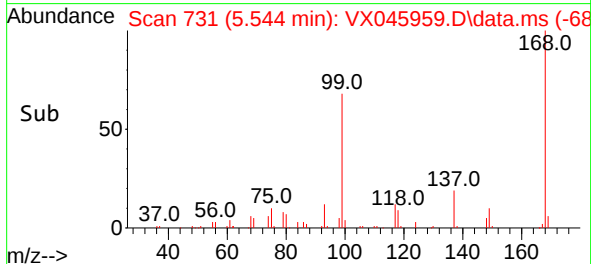
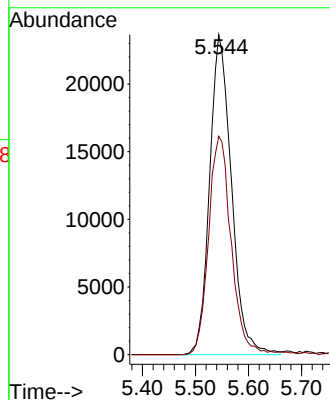
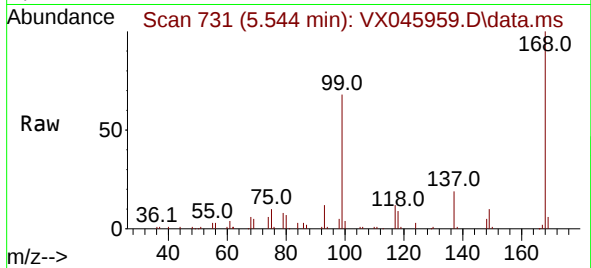




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

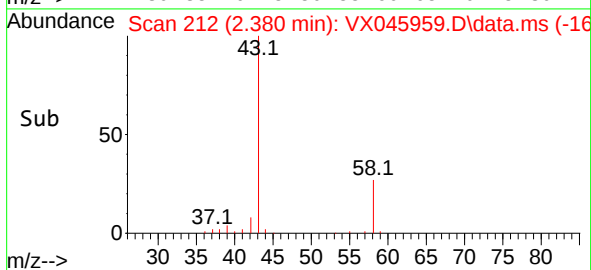
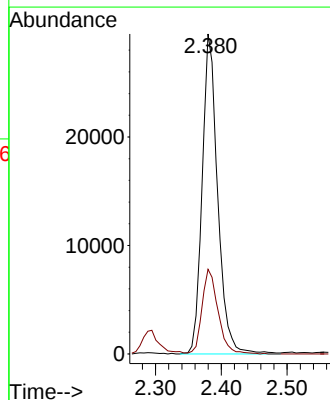
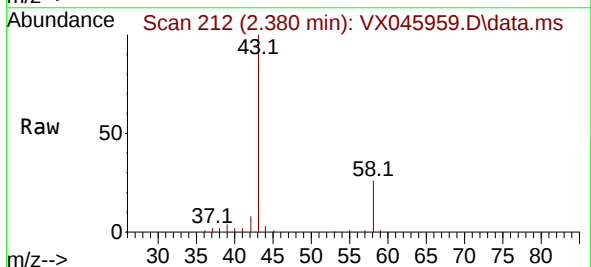
Instrument :
MSVOA_X
ClientSampleId :
MH-G

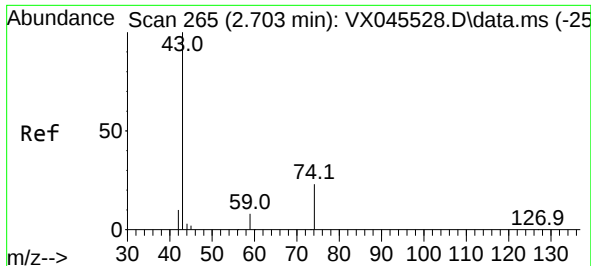
Tgt Ion:168 Resp: 67695
Ion Ratio Lower Upper
168 100
99 68.3 52.3 78.5



#16
Acetone
Concen: 95.304 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

Tgt Ion: 43 Resp: 48447
Ion Ratio Lower Upper
43 100
58 26.5 22.3 33.5

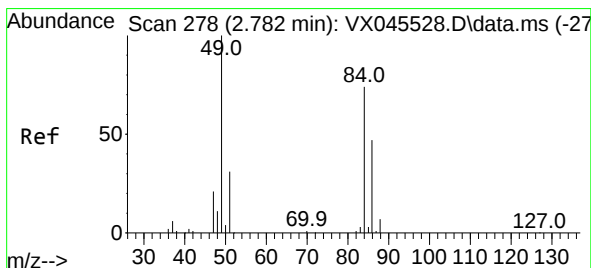
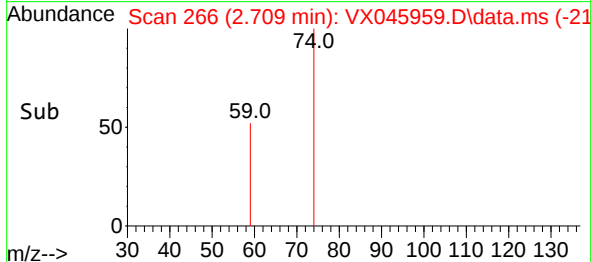
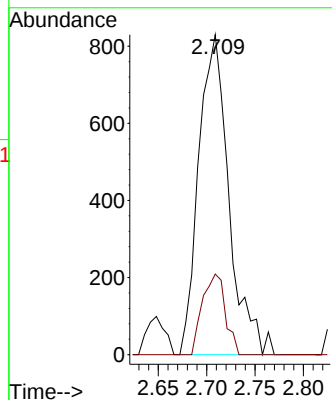
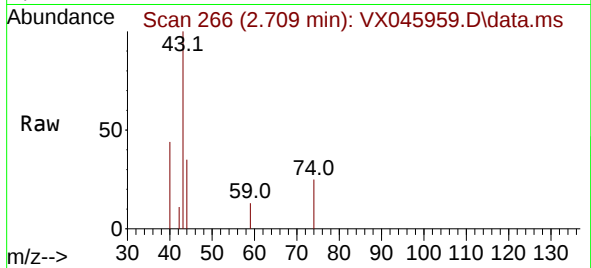




#18
Methyl Acetate
Concen: 1.545 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

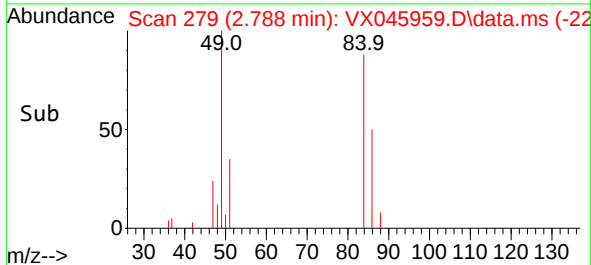
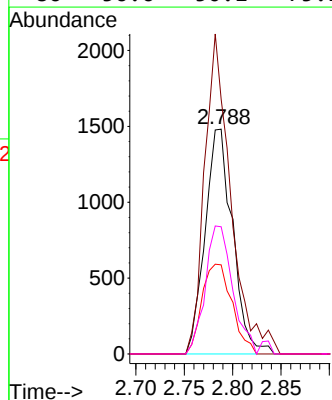
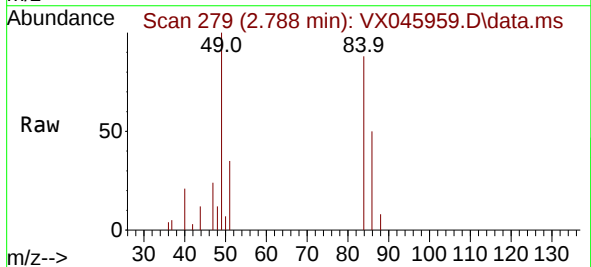
Instrument :
MSVOA_X
ClientSampleId :
MH-G

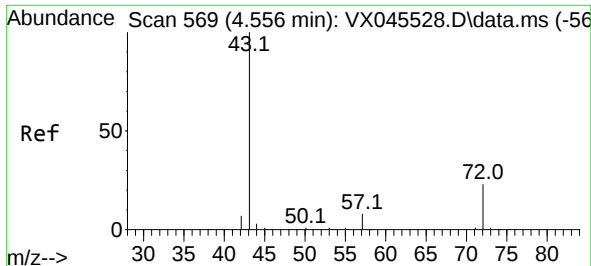
Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
74 19.1 17.5 26.3



#20
Methylene Chloride
Concen: 3.082 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

Tgt Ion: 84 Resp: 2933
Ion Ratio Lower Upper
84 100
49 113.3 107.5 161.3
51 39.7 33.0 49.6
86 56.6 50.1 75.1

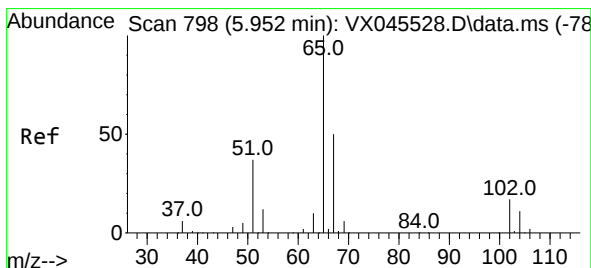
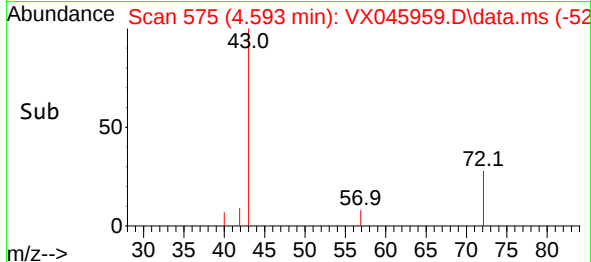
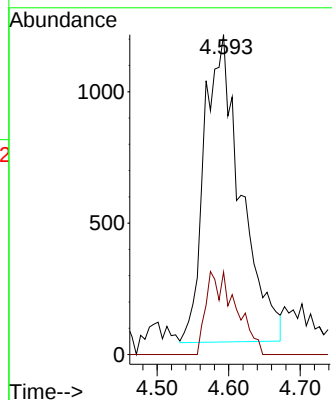
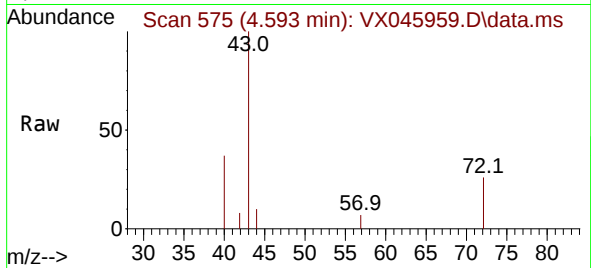




#25
2-Butanone
Concen: 5.566 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

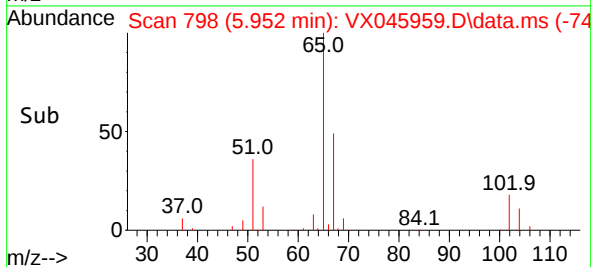
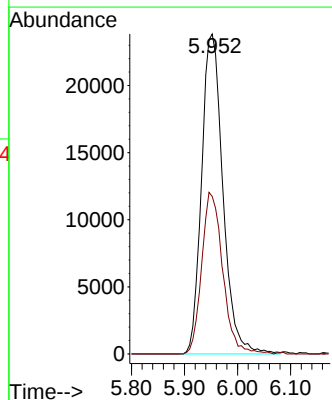
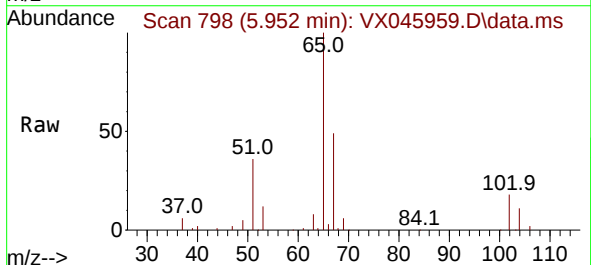
Instrument :
MSVOA_X
ClientSampleId :
MH-G

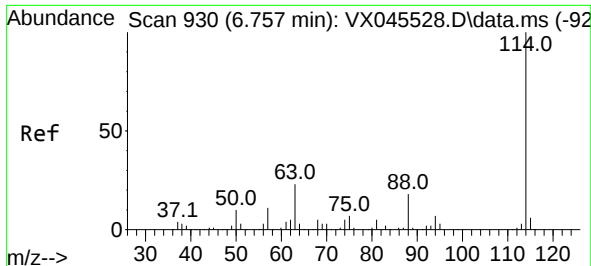
Tgt Ion: 43 Resp: 4142
Ion Ratio Lower Upper
43 100
72 26.9 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 53.850 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

Tgt Ion: 65 Resp: 66664
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

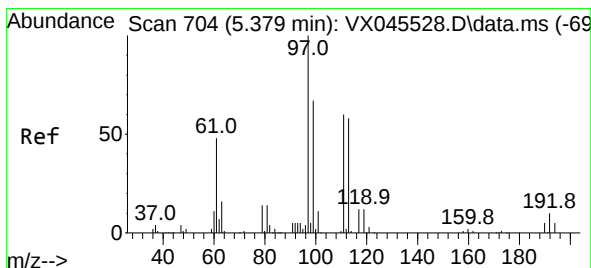
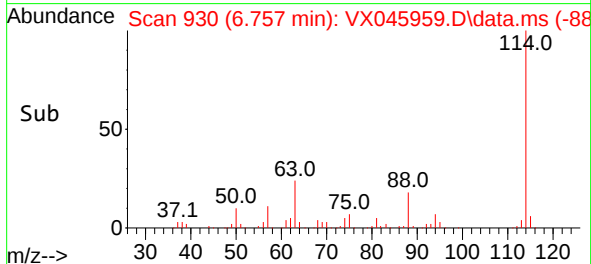
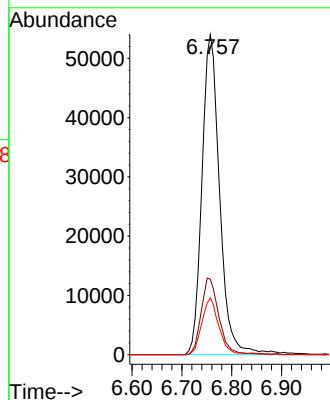
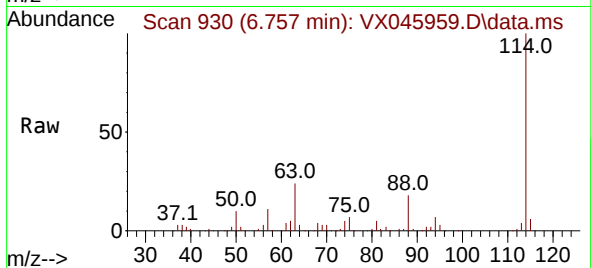




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

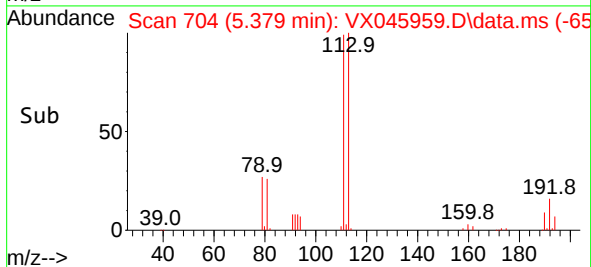
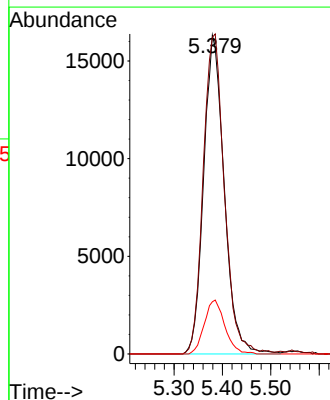
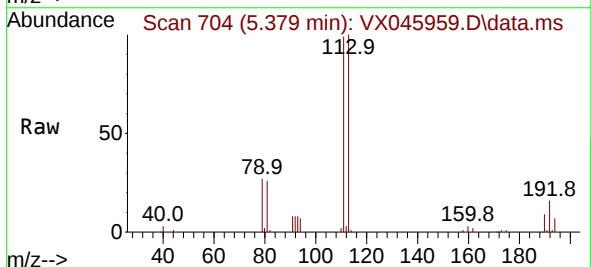
Instrument :
MSVOA_X
ClientSampleId :
MH-G

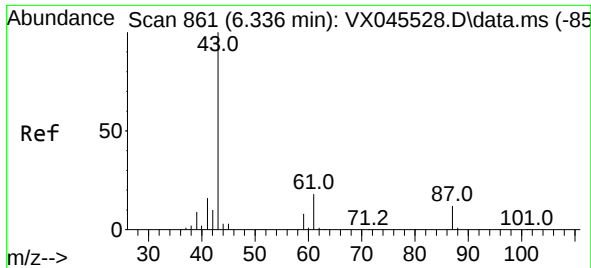
Tgt Ion:114 Resp: 133090
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.8
88 17.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.072 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

Tgt Ion:113 Resp: 48226
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.8 13.8 20.6

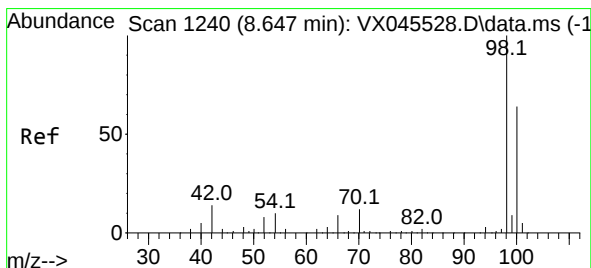
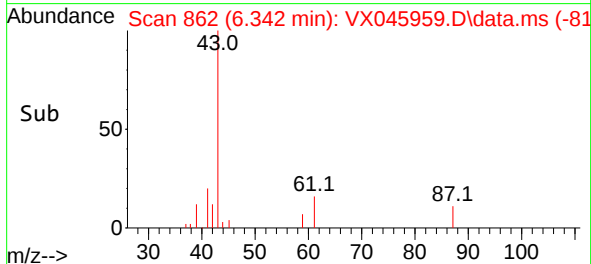
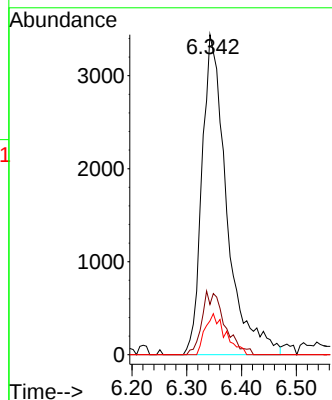
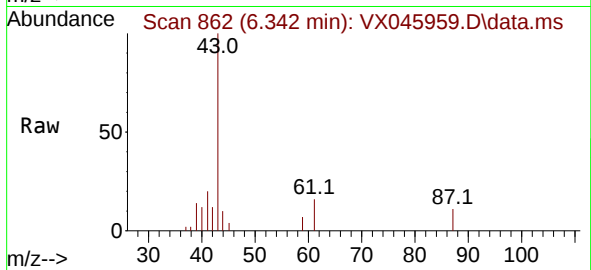




#43
Isopropyl Acetate
Concen: 4.442 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

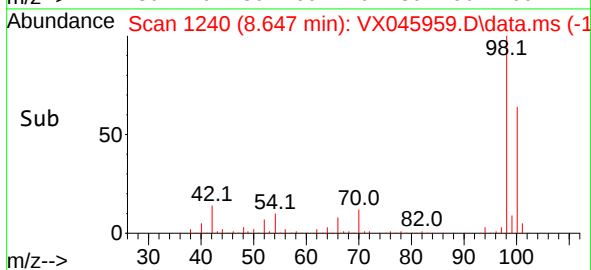
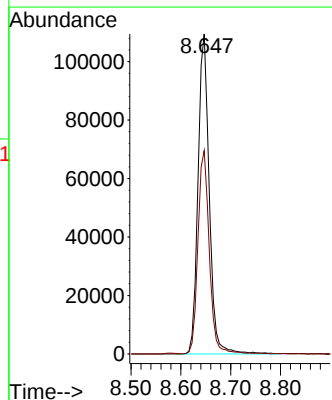
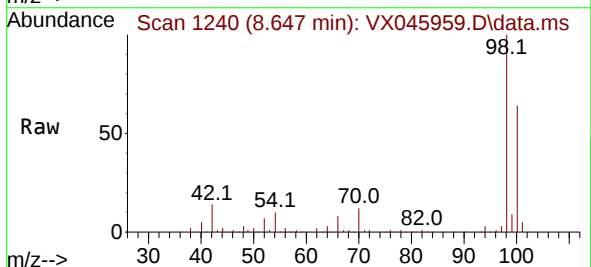
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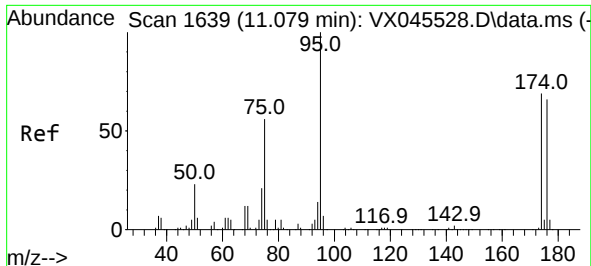
Tgt Ion: 43 Resp: 10816
Ion Ratio Lower Upper
43 100
61 18.1 14.1 21.1
87 10.5 9.2 13.8



#50
Toluene-d8
Concen: 51.872 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

Tgt Ion: 98 Resp: 170966
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

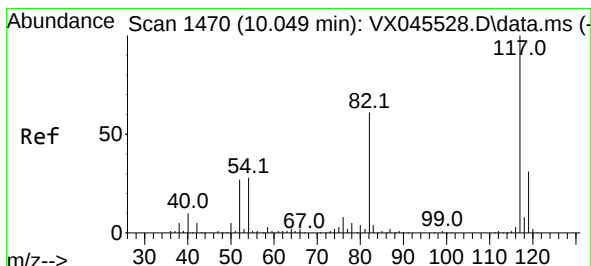
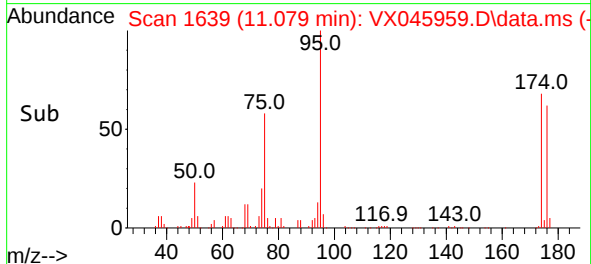
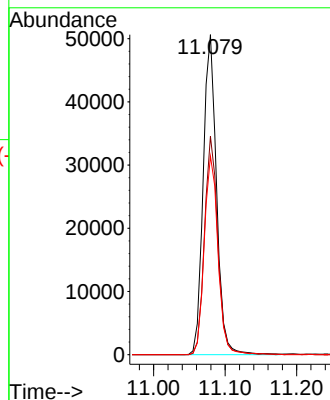
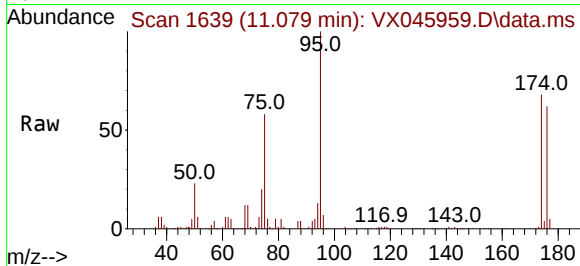




#62
4-Bromofluorobenzene
Concen: 54.786 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

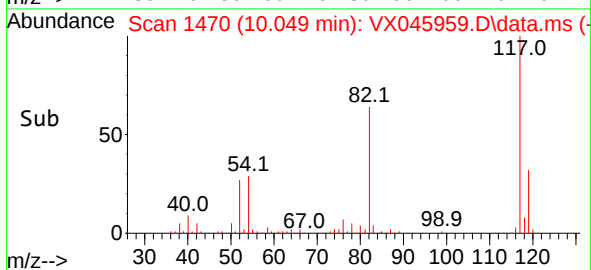
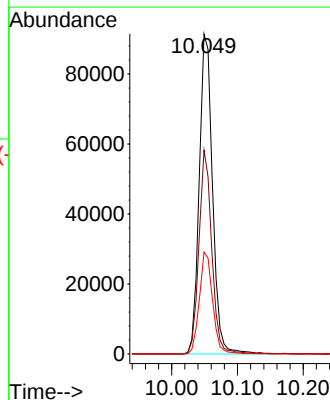
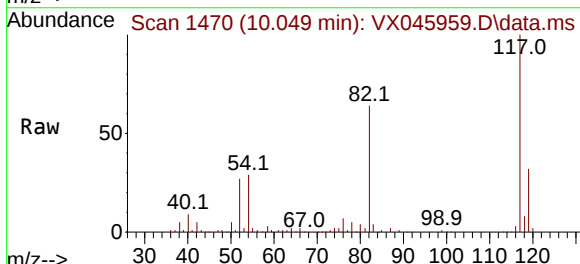
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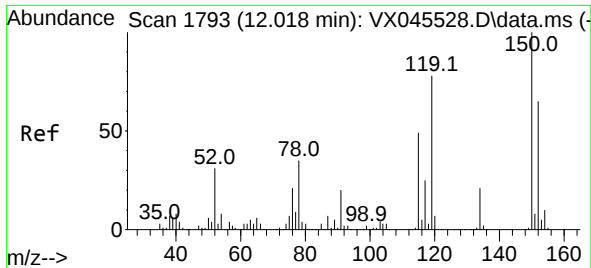
Tgt Ion: 95 Resp: 65772
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045959.D
Acq: 28 Apr 2025 16:13

Tgt Ion: 117 Resp: 128830
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 31.8 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: VX045959.D

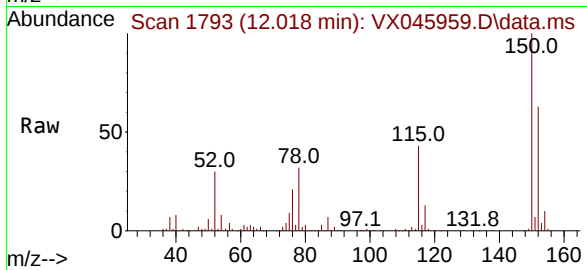
Acq: 28 Apr 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

MH-G



Tgt Ion:152 Resp: 56232

Ion Ratio Lower Upper

152 100

115 66.3 46.9 140.7

150 160.0 0.0 349.4

