

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045960.D
 Acq On : 28 Apr 2025 16:36
 Operator : JC/MD
 Sample : Q1892-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H

Quant Time: Apr 29 01:35:22 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)

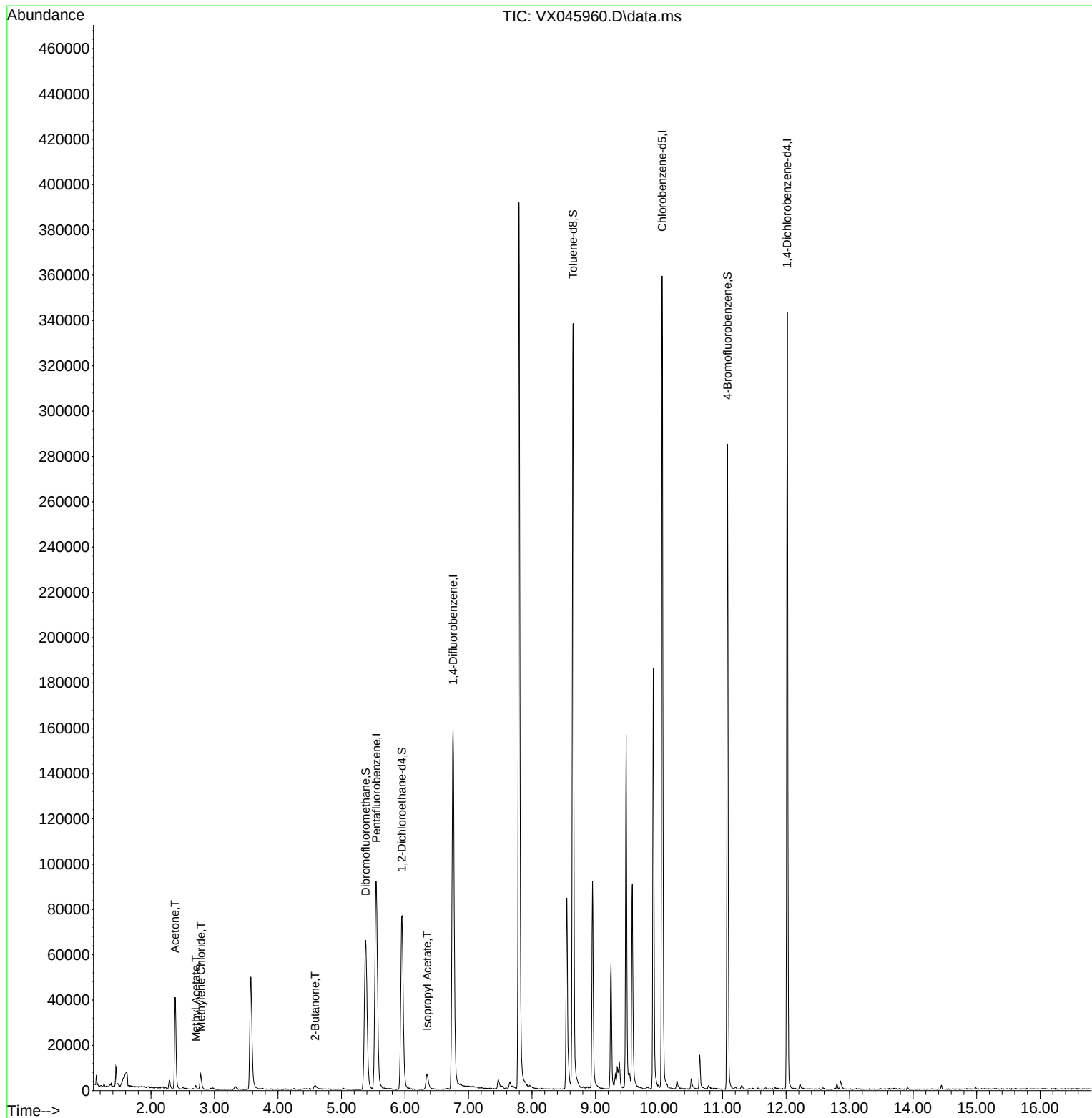
Internal Standards						
1) Pentafluorobenzene	5.550	168	78817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78722	54.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.240%			
35) Dibromofluoromethane	5.379	113	57335	52.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	8.647	98	193640	50.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.100%			
62) 4-Bromofluorobenzene	11.079	95	73096	52.391	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.780%			
Target Compounds						Qvalue
16) Acetone	2.380	43	45560	76.977	ug/l	97
18) Methyl Acetate	2.709	43	2097	1.539	ug/l #	82
20) Methylene Chloride	2.788	84	2977	2.687	ug/l	86
25) 2-Butanone	4.587	43	4460	5.148	ug/l	97
43) Isopropyl Acetate	6.348	43	10531	3.721	ug/l	96

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

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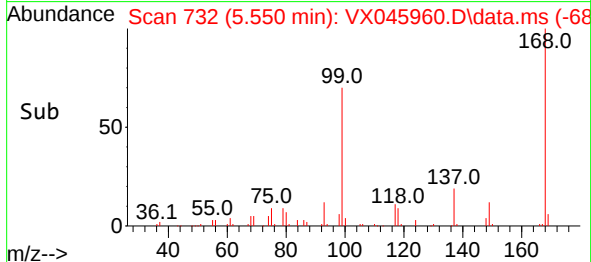
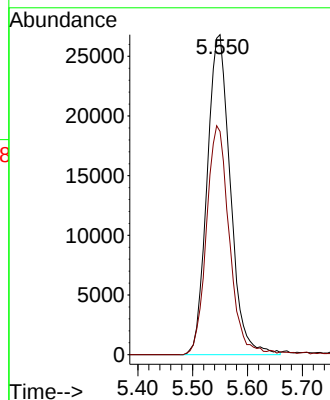
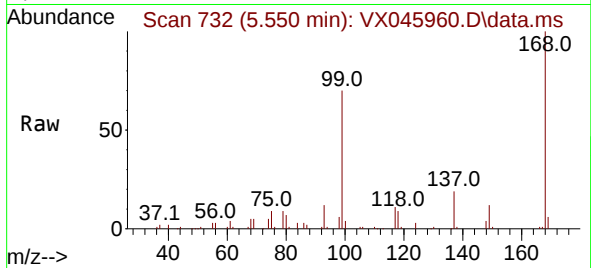




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045960.D
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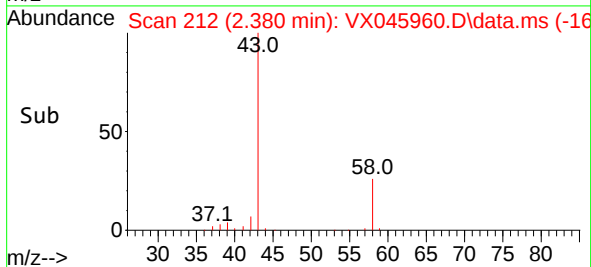
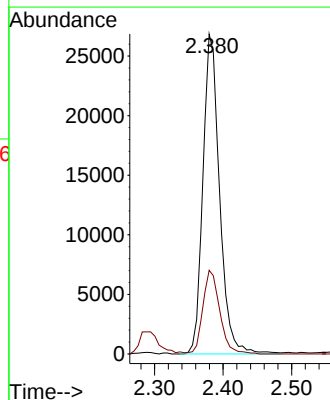
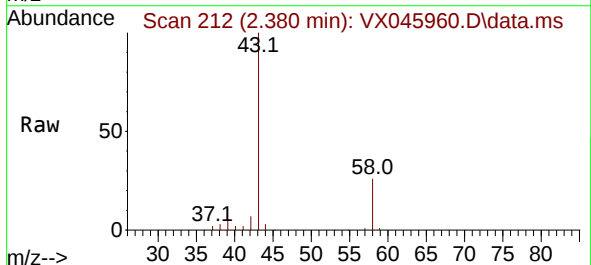
Instrument :
MSVOA_X
ClientSampleId :
MH-H

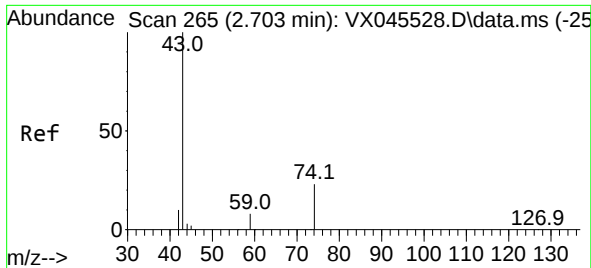
Tgt Ion:168 Resp: 78817
Ion Ratio Lower Upper
168 100
99 69.7 52.3 78.5



#16
Acetone
Concen: 76.977 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

Tgt Ion: 43 Resp: 45560
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5

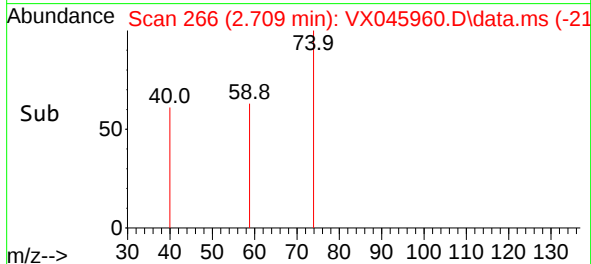
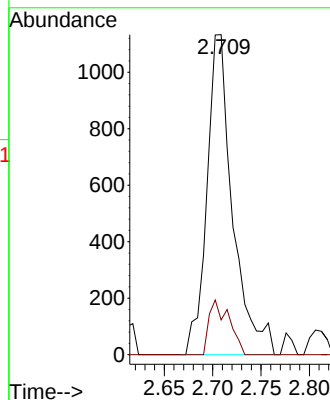
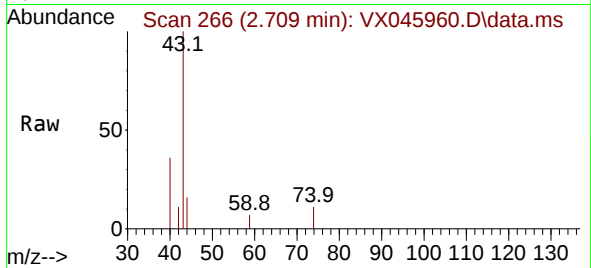




#18
Methyl Acetate
Concen: 1.539 ug/l
RT: 2.709 min Scan# 2097
Delta R.T. 0.006 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

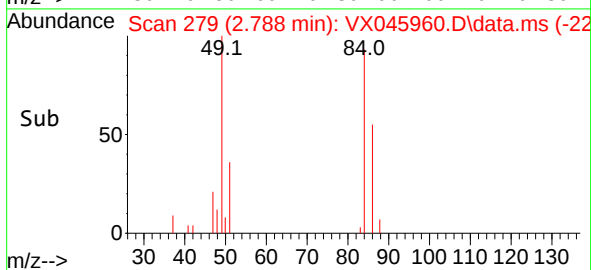
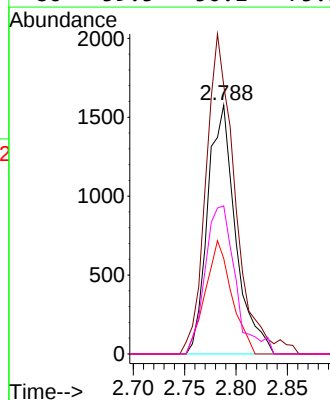
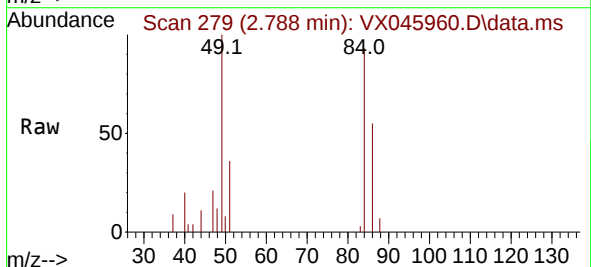
Instrument :
MSVOA_X
ClientSampleId :
MH-H

Tgt Ion: 43 Resp: 2097
Ion Ratio Lower Upper
43 100
74 13.3 17.5 26.3#



#20
Methylene Chloride
Concen: 2.687 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

Tgt Ion: 84 Resp: 2977
Ion Ratio Lower Upper
84 100
49 107.9 107.5 161.3
51 38.4 33.0 49.6
86 59.5 50.1 75.1

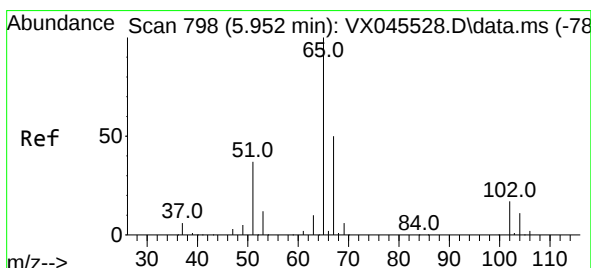
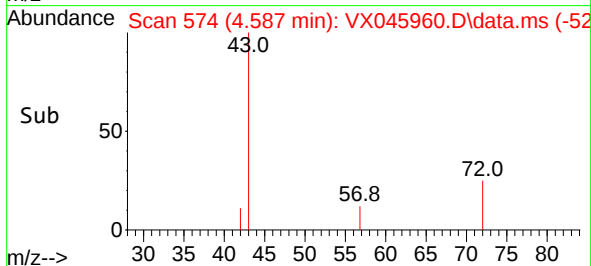
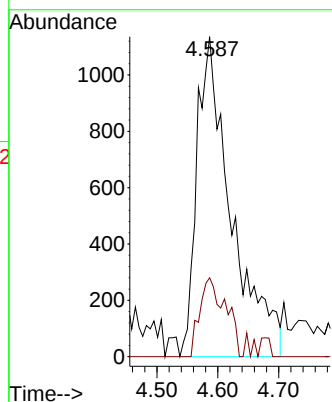
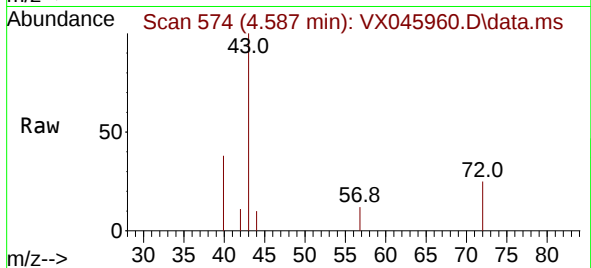




#25
2-Butanone
Concen: 5.148 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

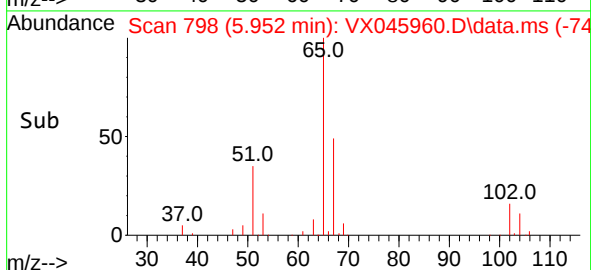
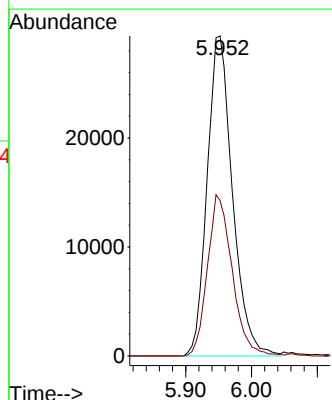
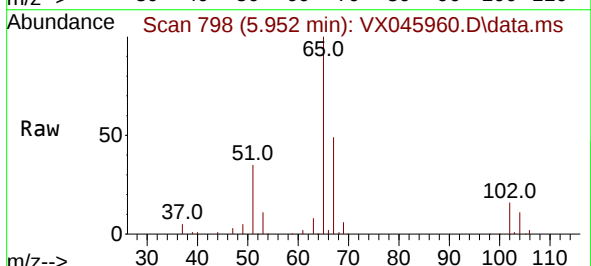
Instrument :
MSVOA_X
ClientSampleId :
MH-H

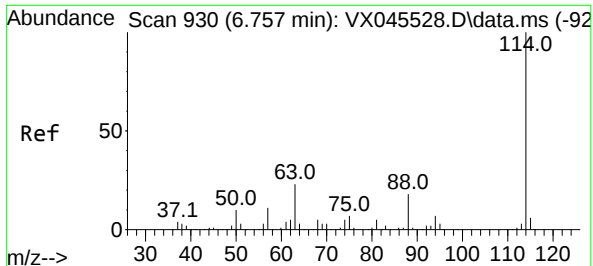
Tgt Ion: 43 Resp: 4460
Ion Ratio Lower Upper
43 100
72 24.6 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 54.617 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

Tgt Ion: 65 Resp: 78722
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

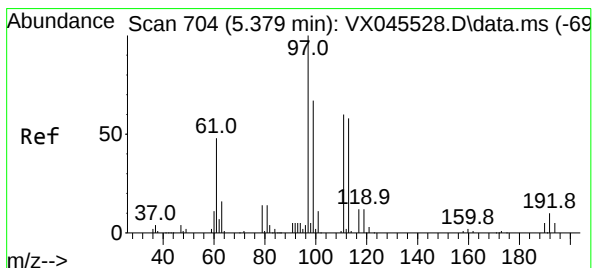
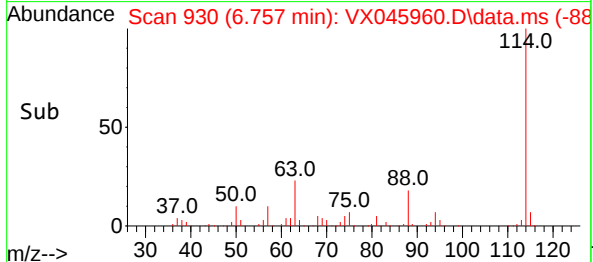
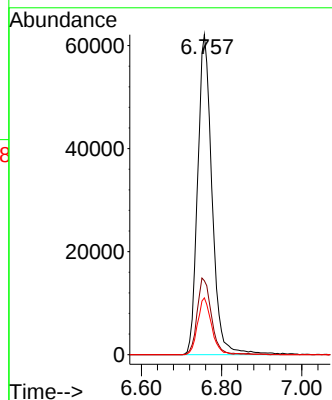
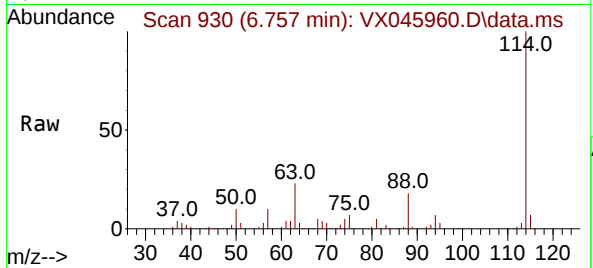




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

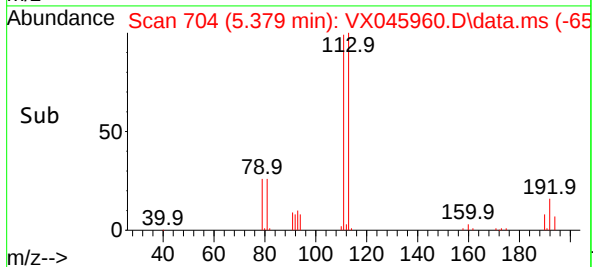
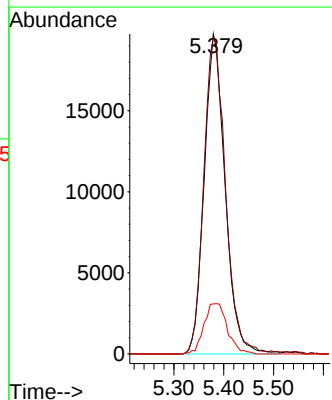
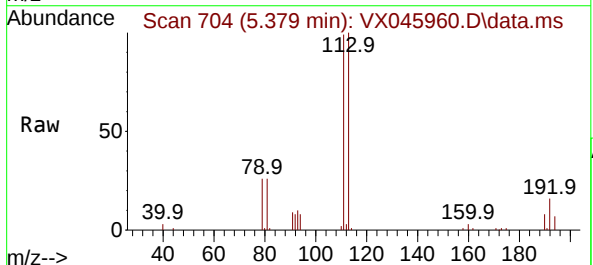
Instrument :
MSVOA_X
ClientSampleId :
MH-H

Tgt Ion:114 Resp: 154672
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.246 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

Tgt Ion:113 Resp: 57335
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.6 13.8 20.6

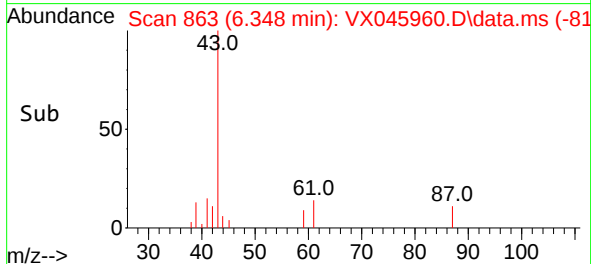
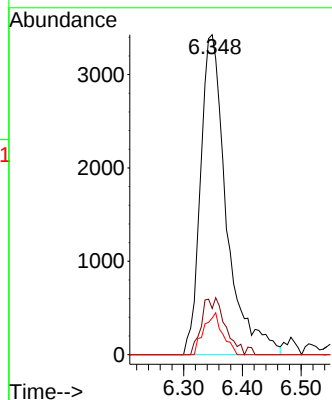
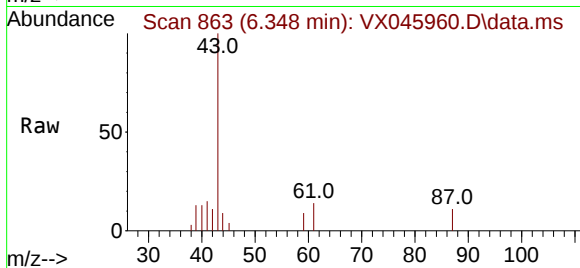




#43
Isopropyl Acetate
Concen: 3.721 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

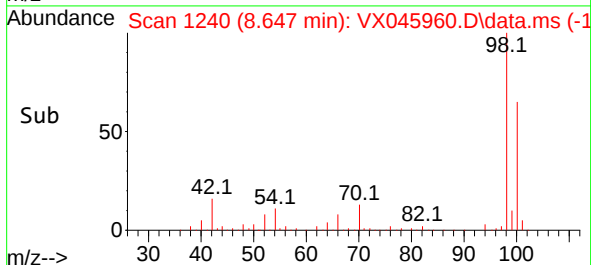
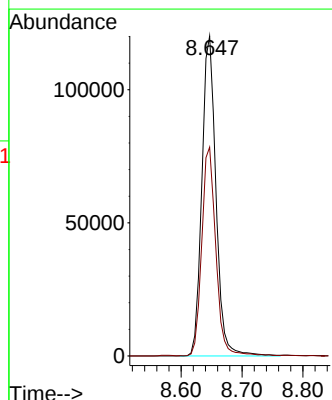
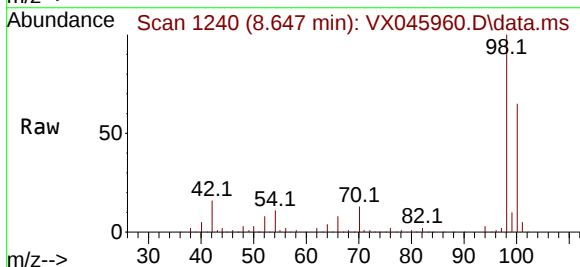
Instrument :
MSVOA_X
ClientSampleId :
MH-H

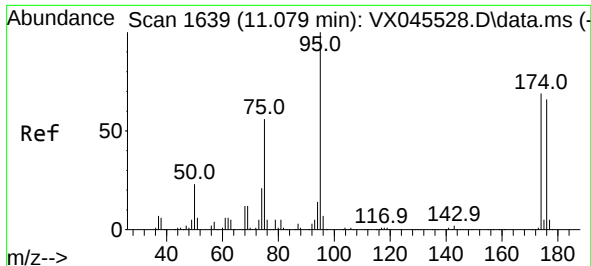
Tgt Ion: 43 Resp: 10531
Ion Ratio Lower Upper
43 100
61 16.0 14.1 21.1
87 9.4 9.2 13.8



#50
Toluene-d8
Concen: 50.554 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

Tgt Ion: 98 Resp: 193640
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

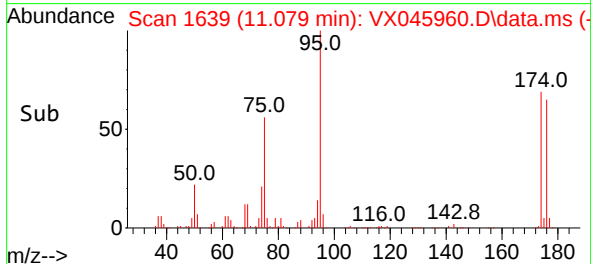
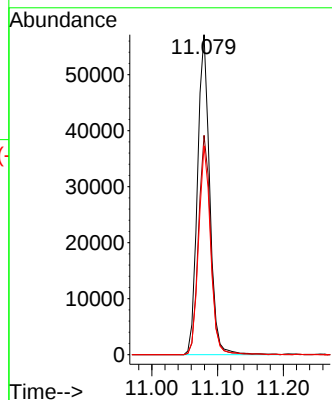
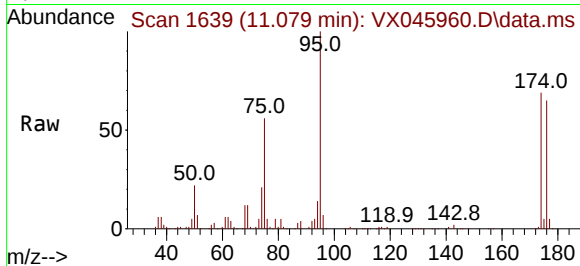




#62
4-Bromofluorobenzene
Concen: 52.391 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045960.D
Acq: 28 Apr 2025 16:36

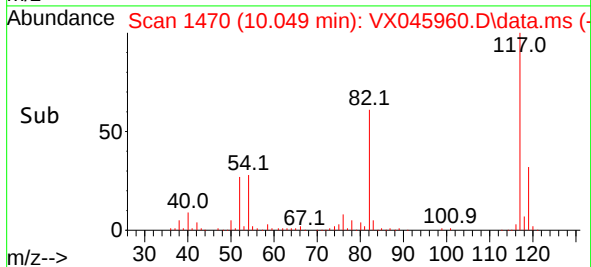
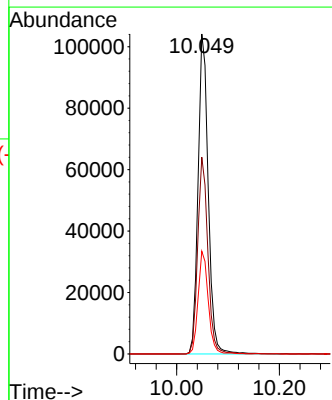
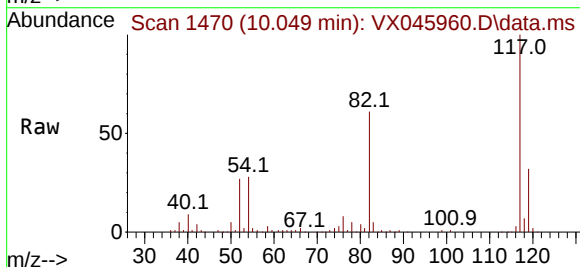
Instrument :
MSVOA_X
ClientSampleId :
MH-H

Tgt Ion: 95 Resp: 73096
Ion Ratio Lower Upper
95 100
174 68.9 0.0 135.8
176 64.2 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: VX045960.D
Acq: 28 Apr 2025 16:36

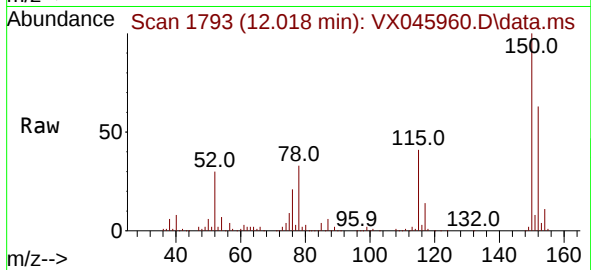
Tgt Ion: 117 Resp: 143373
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045960.D
 Acq: 28 Apr 2025 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-H



Tgt Ion:152 Resp: 62186
 Ion Ratio Lower Upper
 152 100
 115 64.4 46.9 140.7
 150 156.7 0.0 349.4

