

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045951.D
 Acq On : 28 Apr 2025 13:07
 Operator : JC/MD
 Sample : Q1871-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-A

Quant Time: Apr 29 01:33:30 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)

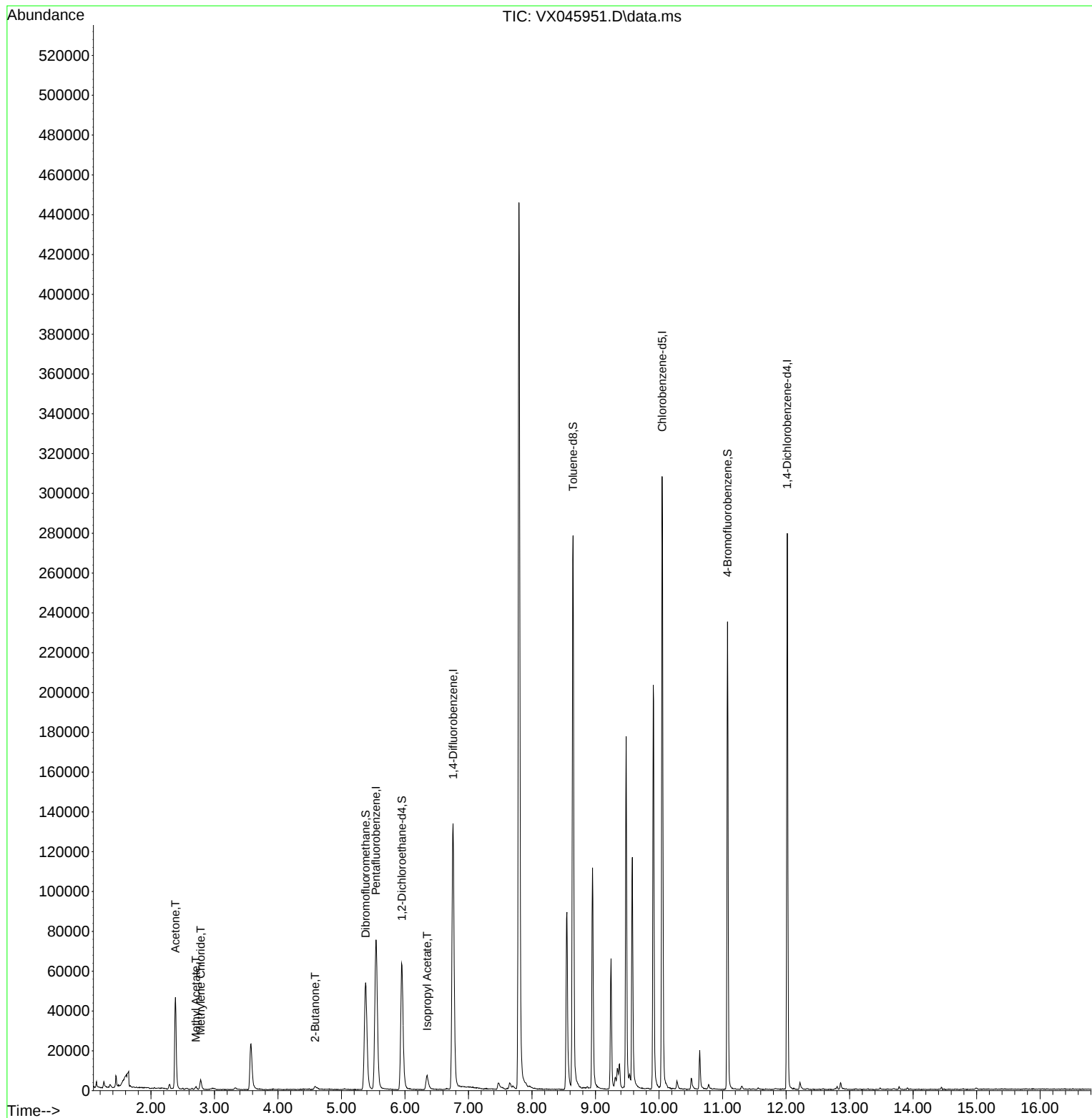
Internal Standards						
1) Pentafluorobenzene	5.544	168	63491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64484	55.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.080%
35) Dibromofluoromethane	5.379	113	46964	51.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.340%
50) Toluene-d8	8.647	98	163740	51.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	11.079	95	62054	53.182	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.360%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	52787	110.717	ug/l	99
18) Methyl Acetate	2.709	43	2145	1.954	ug/l #	89
20) Methylene Chloride	2.782	84	2280	2.554	ug/l	95
25) 2-Butanone	4.587	43	3703	5.306	ug/l #	90
43) Isopropyl Acetate	6.348	43	10224	4.320	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
Data File : VX045951.D
Acq On : 28 Apr 2025 13:07
Operator : JC/MD
Sample : Q1871-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-A

Quant Time: Apr 29 01:33:30 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

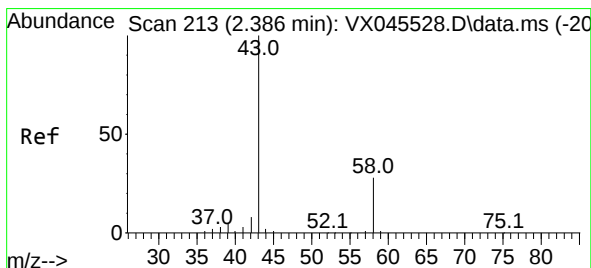
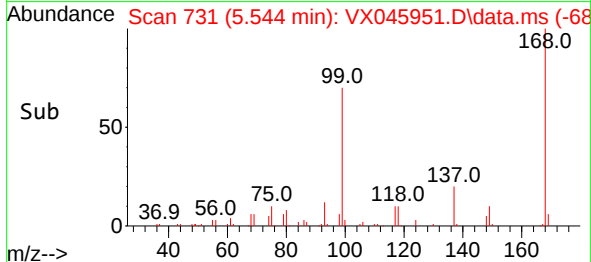
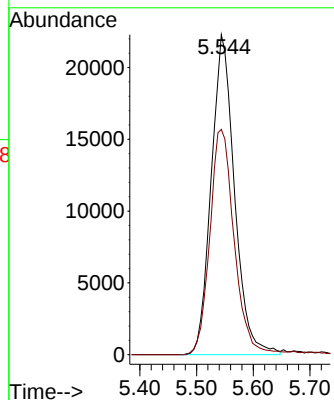
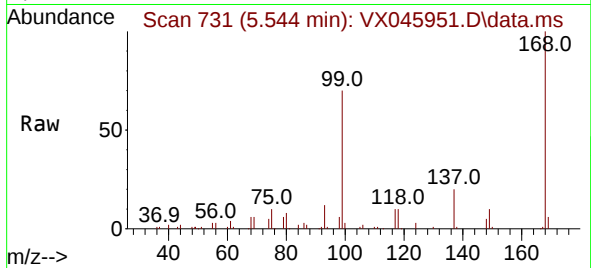




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

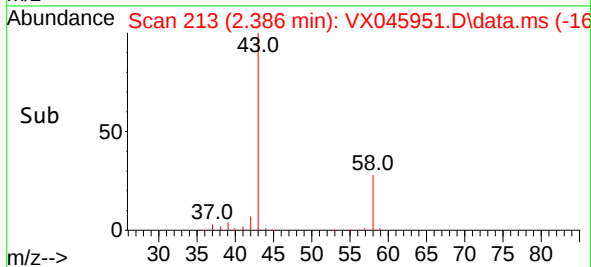
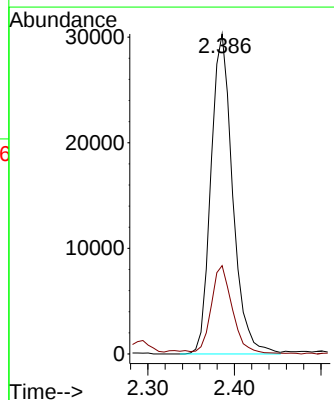
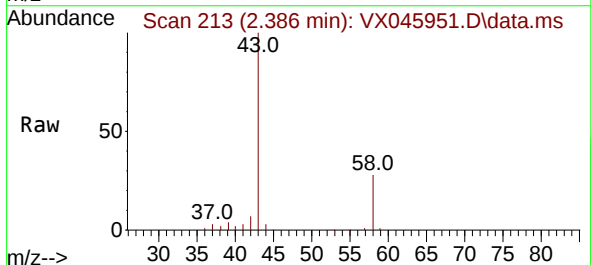
Instrument :
MSVOA_X
ClientSampleId :
MH-A

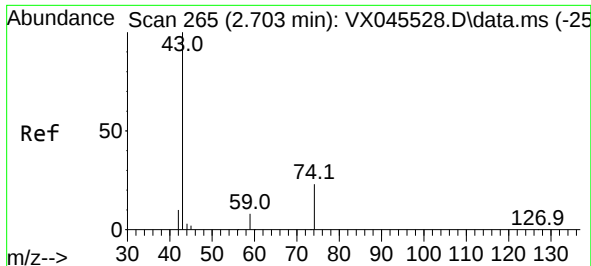
Tgt Ion:168 Resp: 63491
Ion Ratio Lower Upper
168 100
99 70.4 52.3 78.5



#16
Acetone
Concen: 110.717 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

Tgt Ion: 43 Resp: 52787
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5

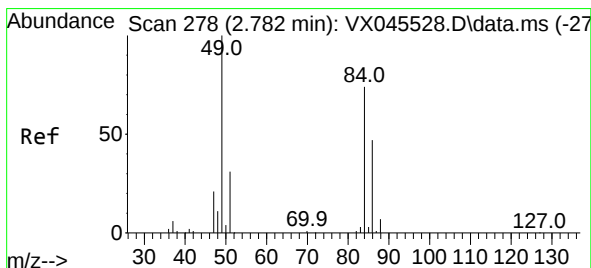
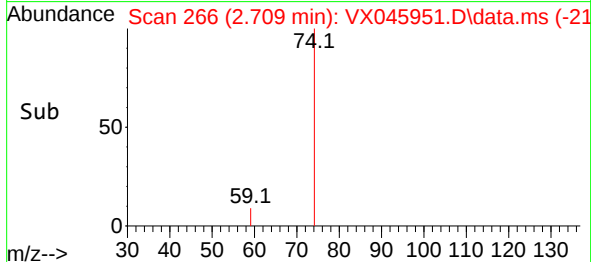
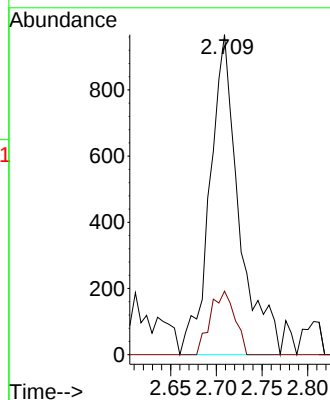
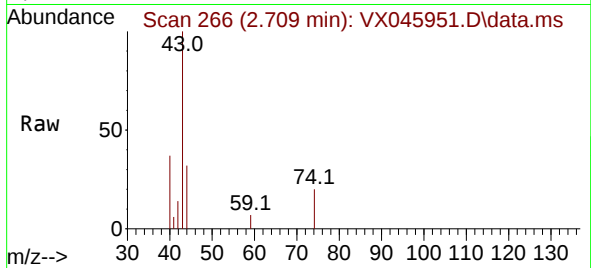




#18
Methyl Acetate
Concen: 1.954 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

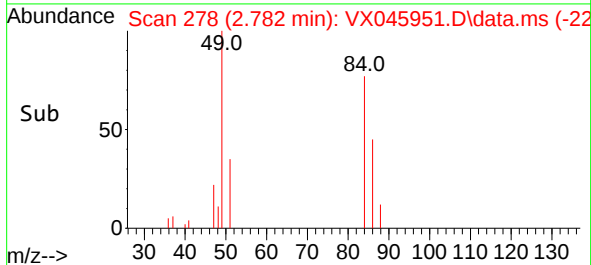
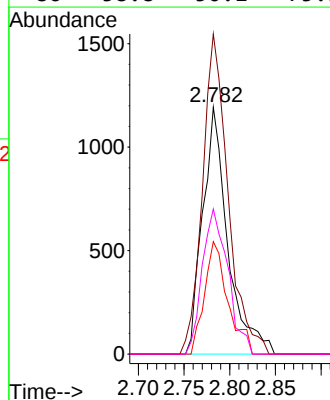
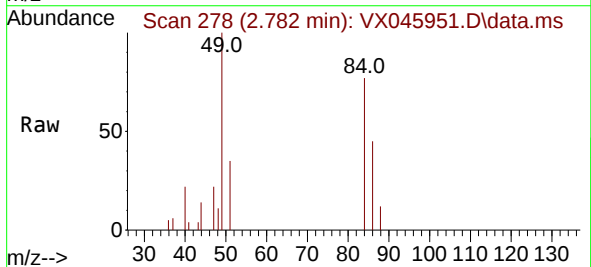
Instrument :
MSVOA_X
ClientSampleId :
MH-A

Tgt Ion: 43 Resp: 2145
Ion Ratio Lower Upper
43 100
74 16.7 17.5 26.3#



#20
Methylene Chloride
Concen: 2.554 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

Tgt Ion: 84 Resp: 2280
Ion Ratio Lower Upper
84 100
49 129.7 107.5 161.3
51 45.5 33.0 49.6
86 58.8 50.1 75.1

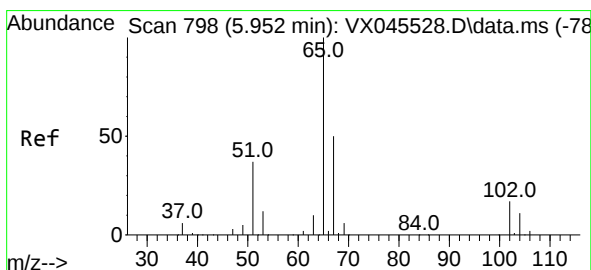
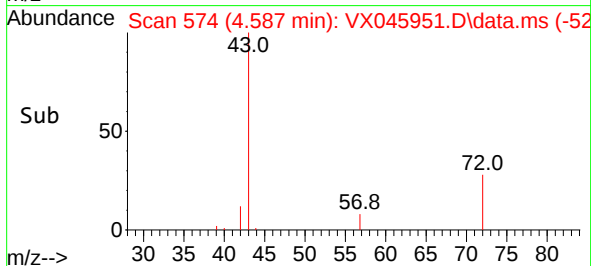
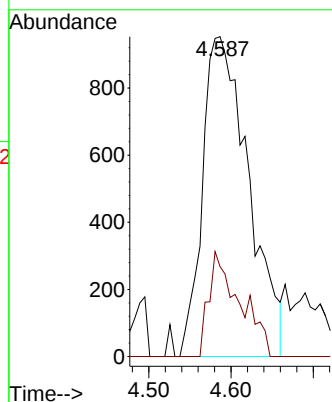
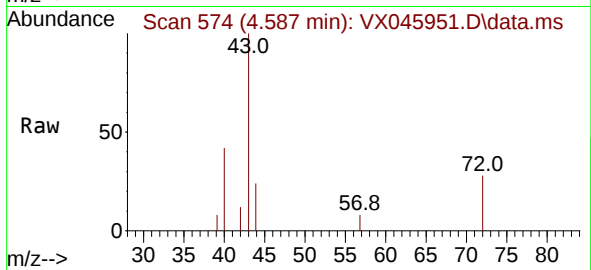




#25
2-Butanone
Concen: 5.306 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

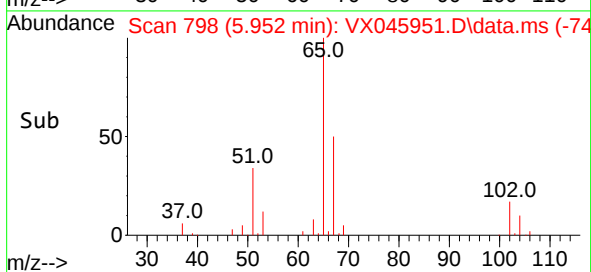
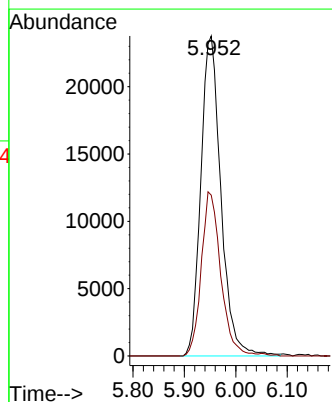
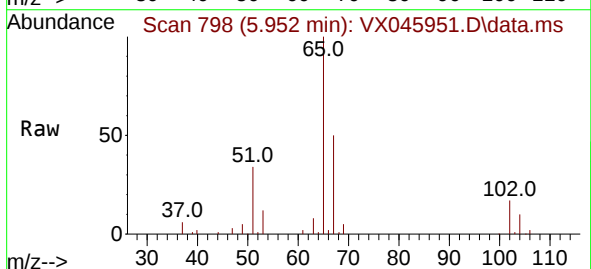
Instrument :
MSVOA_X
ClientSampleId :
MH-A

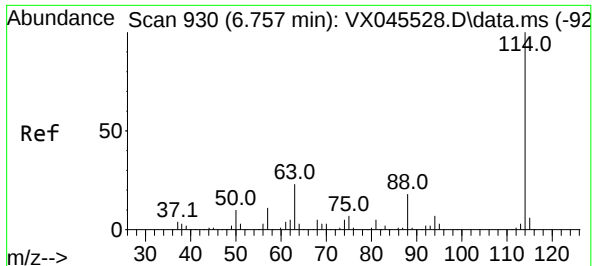
Tgt Ion: 43 Resp: 3703
Ion Ratio Lower Upper
43 100
72 28.1 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 55.538 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

Tgt Ion: 65 Resp: 64484
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

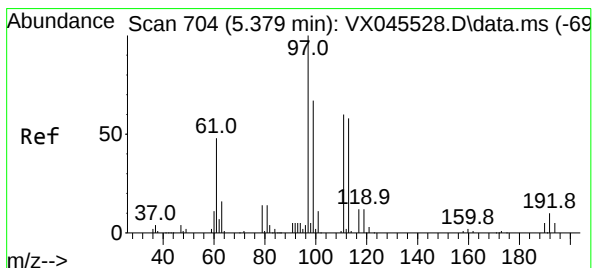
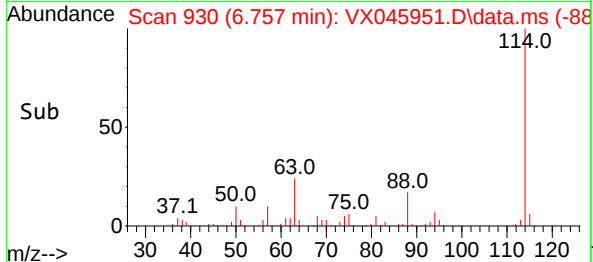
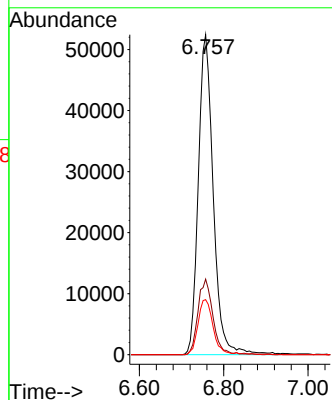
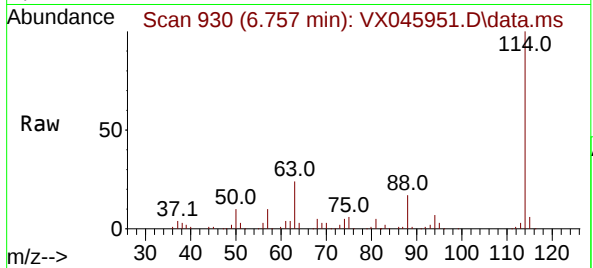




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045951.D
 Acq: 28 Apr 2025 13:07

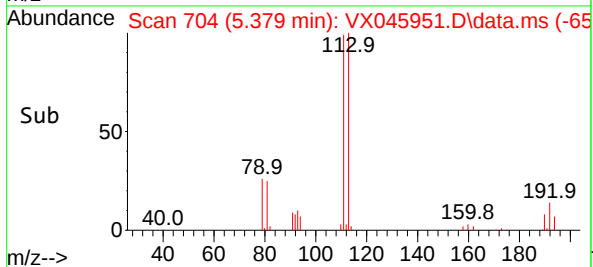
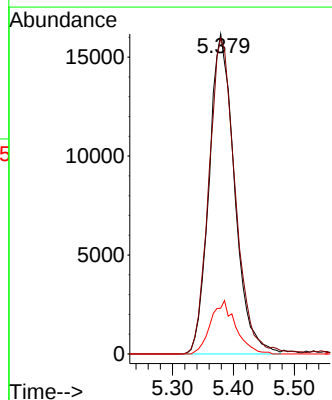
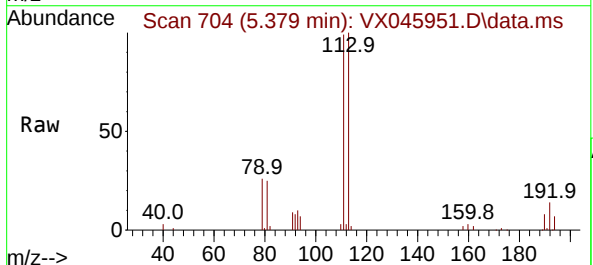
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-A

Tgt Ion:114 Resp: 129354
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.8
 88 17.2 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.172 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045951.D
 Acq: 28 Apr 2025 13:07

Tgt Ion:113 Resp: 46964
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 16.5 13.8 20.6

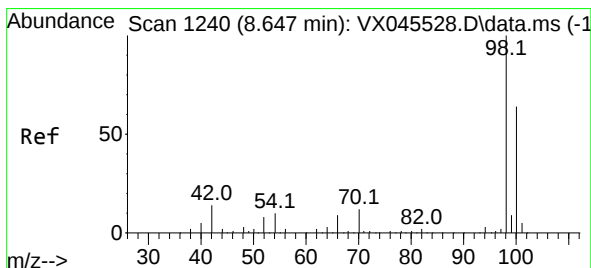
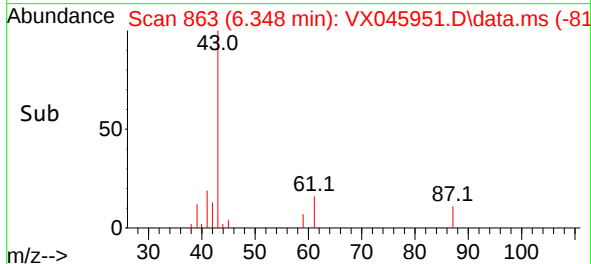
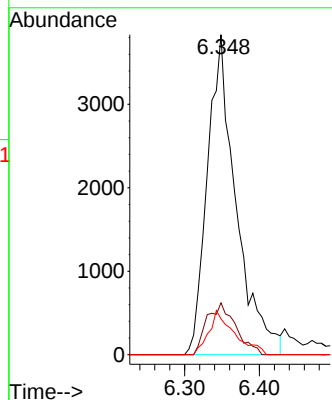
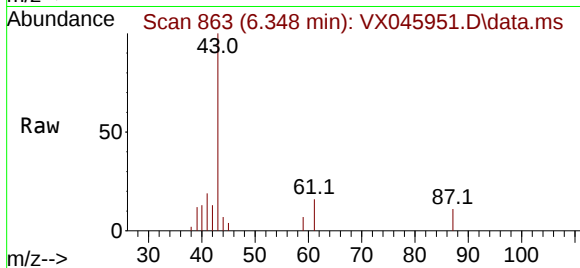




#43
Isopropyl Acetate
Concen: 4.320 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

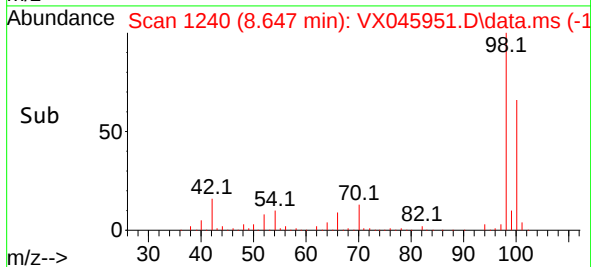
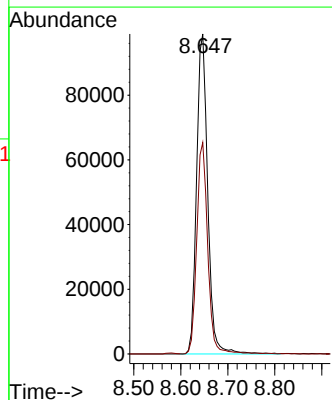
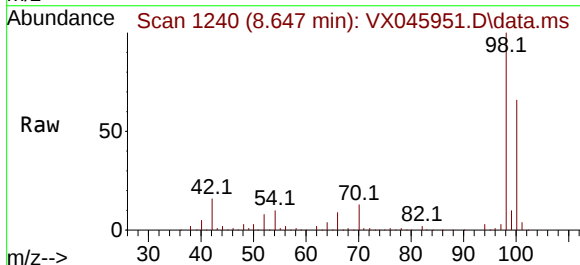
Instrument :
MSVOA_X
ClientSampleId :
MH-A

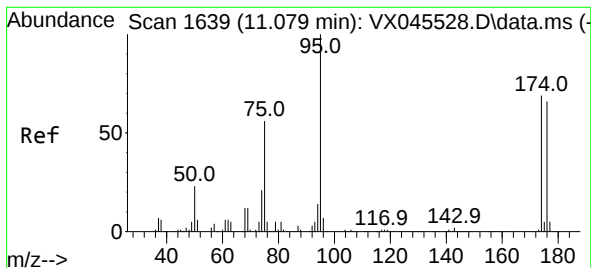
Tgt Ion: 43 Resp: 10224
Ion Ratio Lower Upper
43 100
61 16.2 14.1 21.1
87 12.2 9.2 13.8



#50
Toluene-d8
Concen: 51.115 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

Tgt Ion: 98 Resp: 163740
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

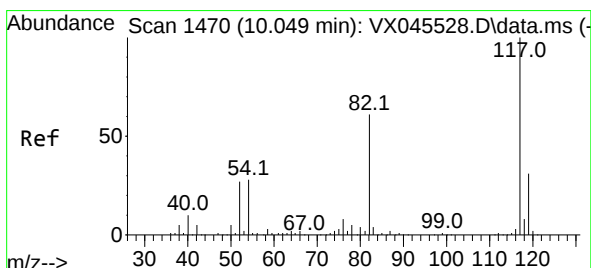
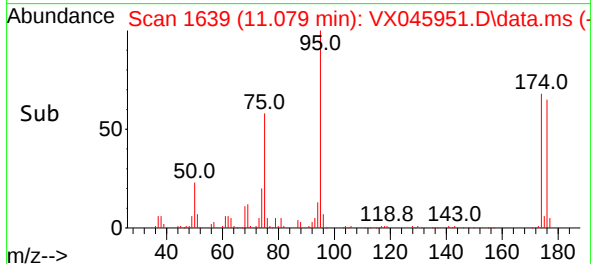
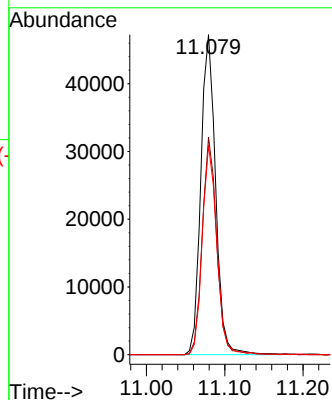
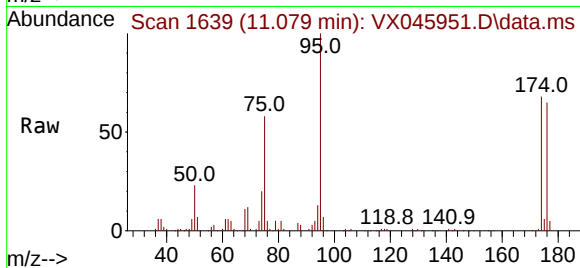




#62
4-Bromofluorobenzene
Concen: 53.182 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045951.D
Acq: 28 Apr 2025 13:07

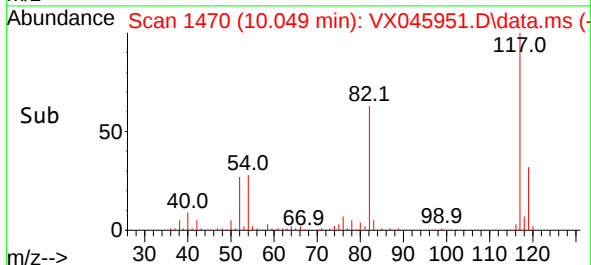
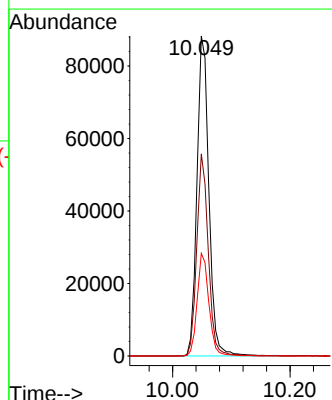
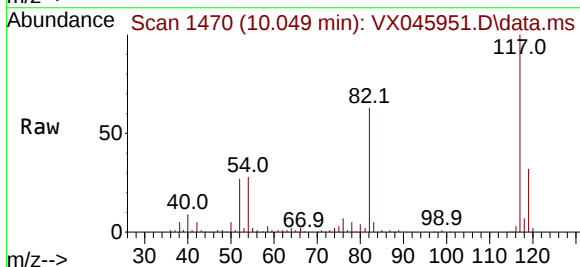
Instrument :
MSVOA_X
ClientSampleId :
MH-A

Tgt Ion: 95 Resp: 62054
Ion Ratio Lower Upper
95 100
174 66.3 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: VX045951.D
Acq: 28 Apr 2025 13:07

Tgt Ion: 117 Resp: 124274
Ion Ratio Lower Upper
117 100
82 63.1 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: VX045951.D

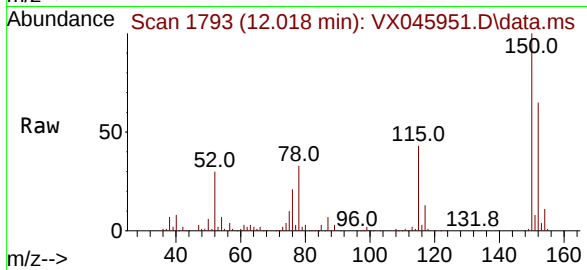
Acq: 28 Apr 2025 13:07

Instrument :

MSVOA_X

ClientSampleId :

MH-A



Tgt Ion:152 Resp: 51078

Ion Ratio Lower Upper

152 100

115 64.4 46.9 140.7

150 156.1 0.0 349.4

