

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045958.D
 Acq On : 28 Apr 2025 15:49
 Operator : JC/MD
 Sample : Q1891-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-D

Quant Time: Apr 29 01:34:57 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)

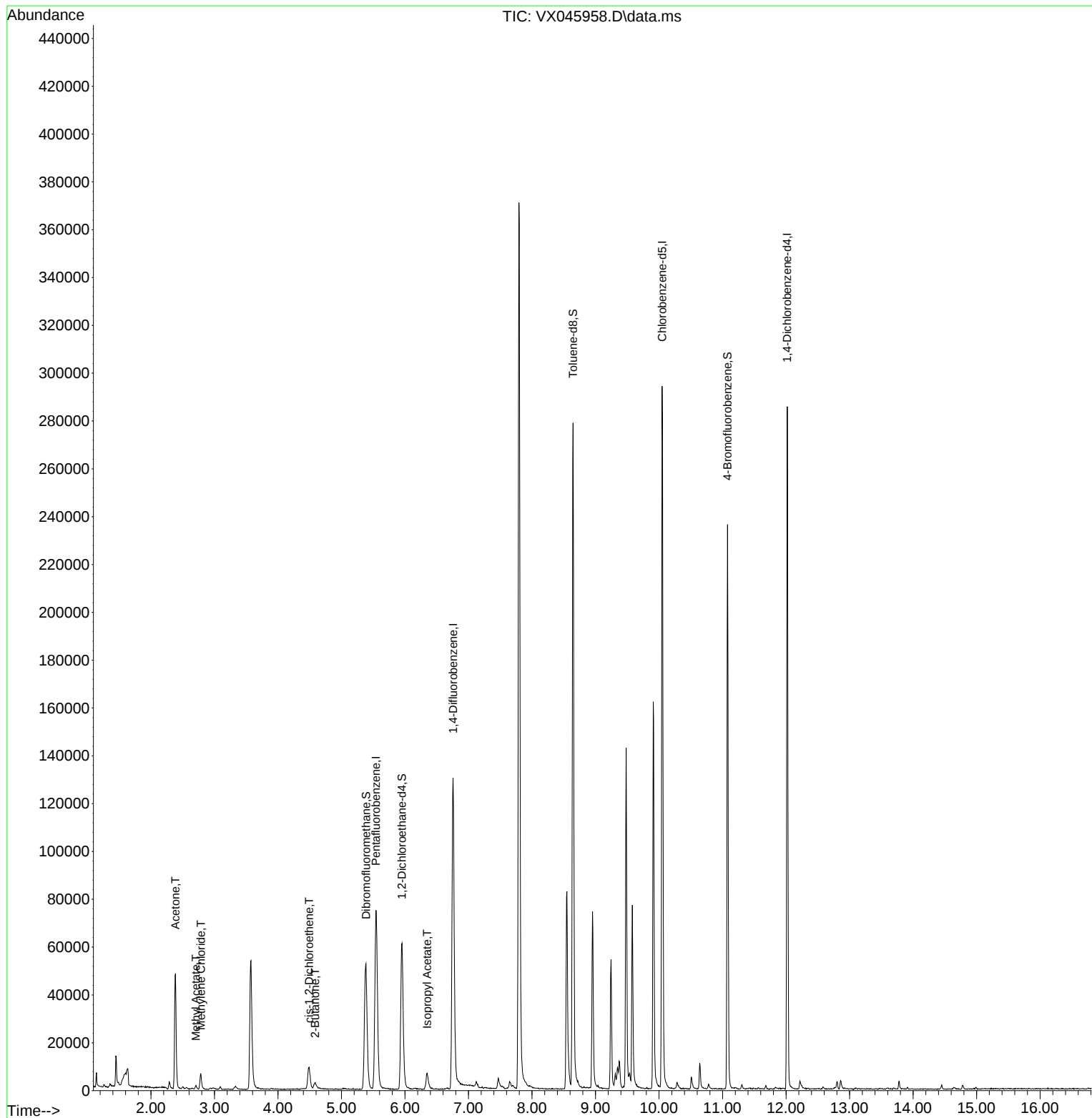
Internal Standards						
1) Pentafluorobenzene	5.544	168	64553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64528	54.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.320%	
35) Dibromofluoromethane	5.385	113	45785	50.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.160%	
50) Toluene-d8	8.647	98	161060	50.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	11.079	95	60576	52.638	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.280%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	54796	113.040	ug/l	97
18) Methyl Acetate	2.709	43	2078	1.862	ug/l	95
20) Methylene Chloride	2.788	84	3000	3.306	ug/l	95
25) 2-Butanone	4.587	43	6499	9.159	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	5760	5.972	ug/l	90
43) Isopropyl Acetate	6.348	43	9899	4.241	ug/l	98

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

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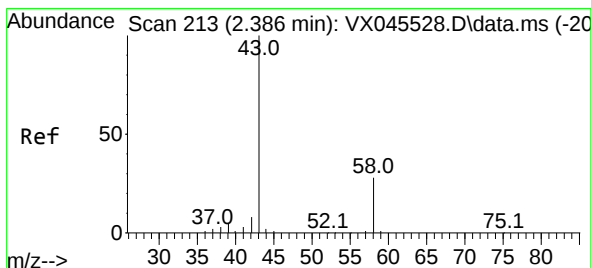
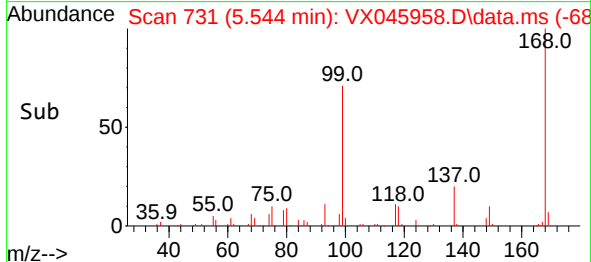
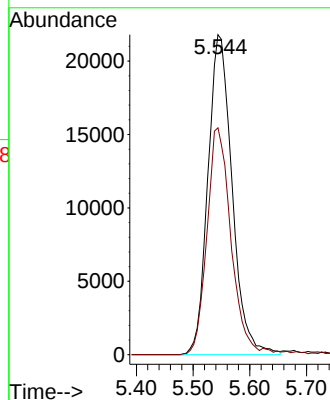
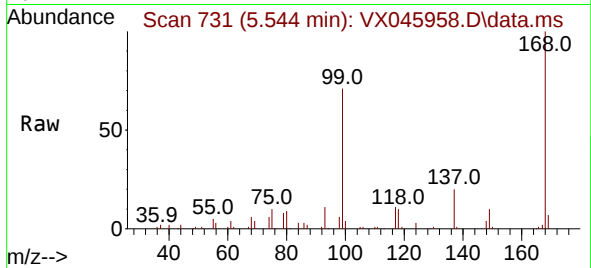




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

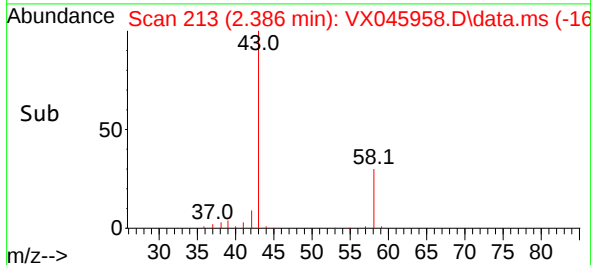
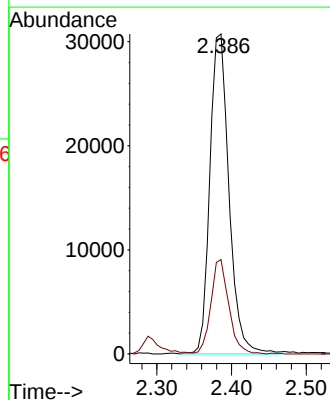
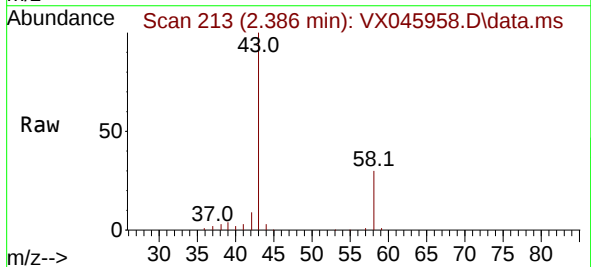
Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:168 Resp: 64553
Ion Ratio Lower Upper
168 100
99 70.9 52.3 78.5



#16
Acetone
Concen: 113.040 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 54796
Ion Ratio Lower Upper
43 100
58 29.3 22.3 33.5

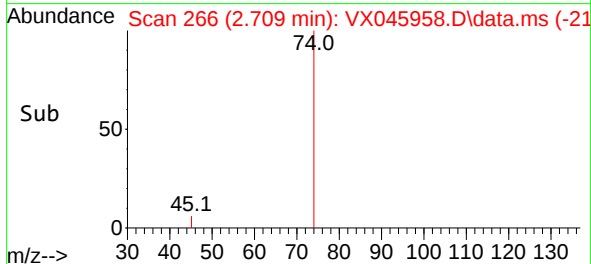
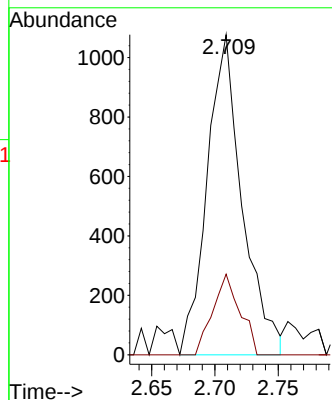
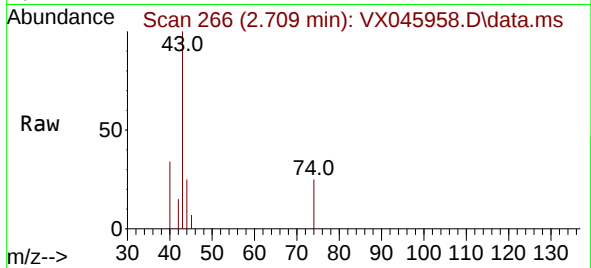




#18
Methyl Acetate
Concen: 1.862 ug/l
RT: 2.709 min Scan# 207
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

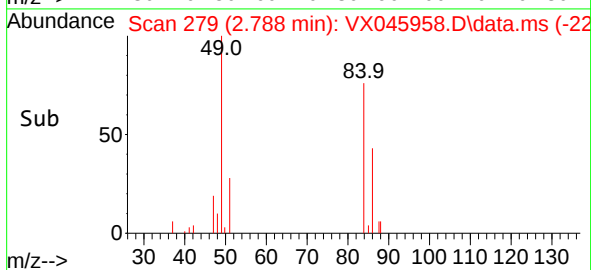
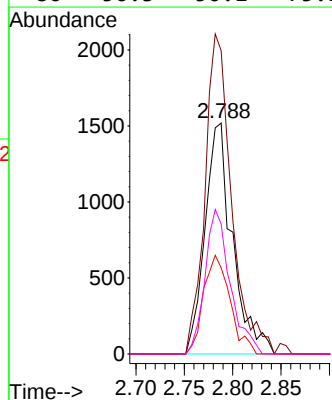
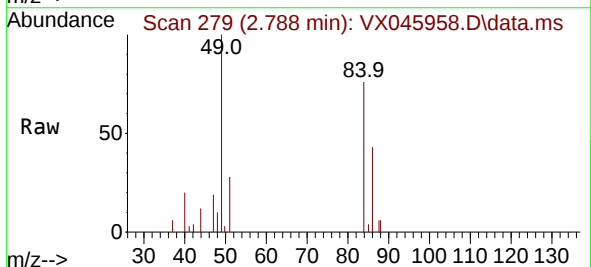
Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
74 19.4 17.5 26.3



#20
Methylene Chloride
Concen: 3.306 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 84 Resp: 3000
Ion Ratio Lower Upper
84 100
49 131.3 107.5 161.3
51 37.3 33.0 49.6
86 56.3 50.1 75.1

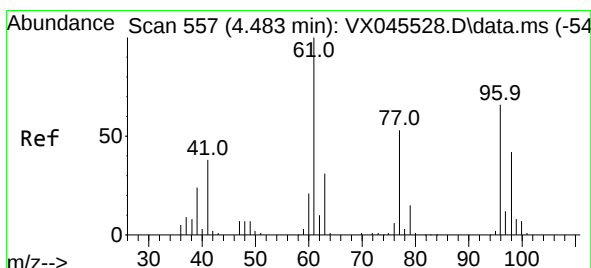
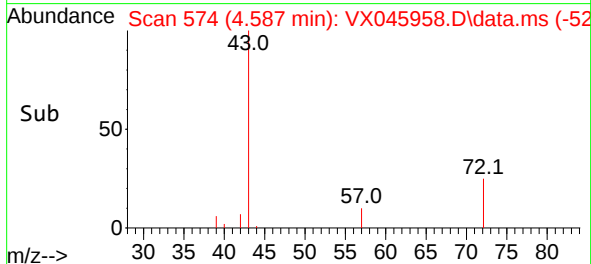
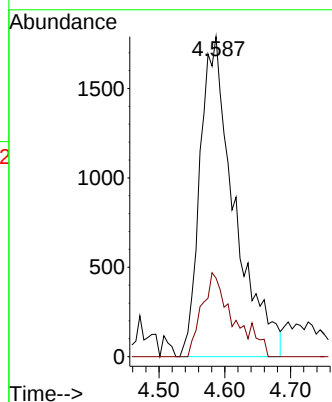
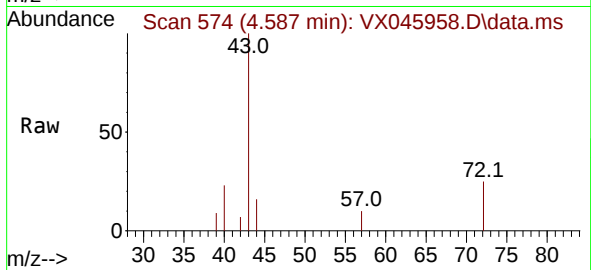




#25
2-Butanone
Concen: 9.159 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

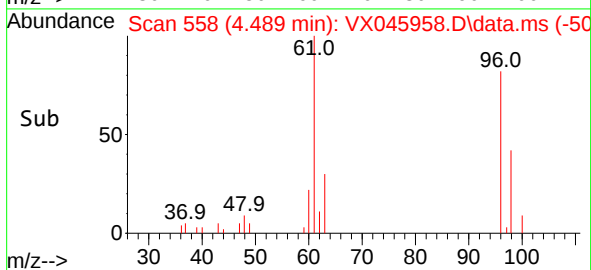
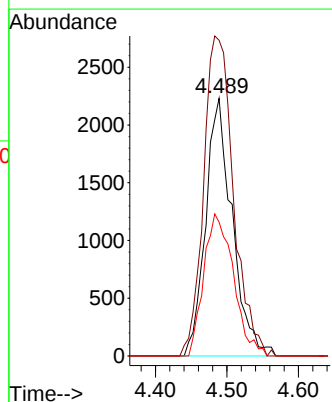
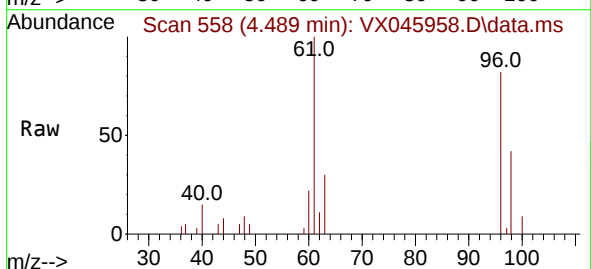
Instrument :
MSVOA_X
ClientSampleId :
MH-D

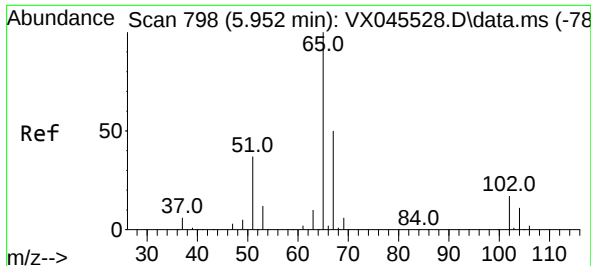
Tgt Ion: 43 Resp: 6499
Ion Ratio Lower Upper
43 100
72 24.5 18.6 28.0



#27
cis-1,2-Dichloroethene
Concen: 5.972 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 96 Resp: 5760
Ion Ratio Lower Upper
96 100
61 139.5 0.0 313.2
98 61.5 0.0 126.4





#33

1,2-Dichloroethane-d4

Concen: 54.661 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045958.D

Acq: 28 Apr 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

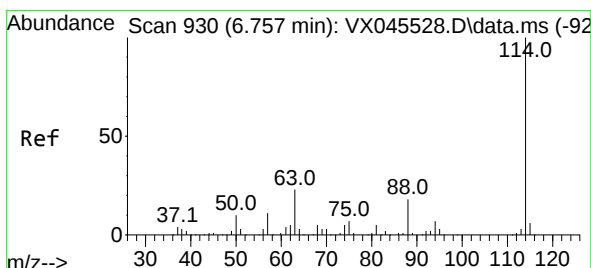
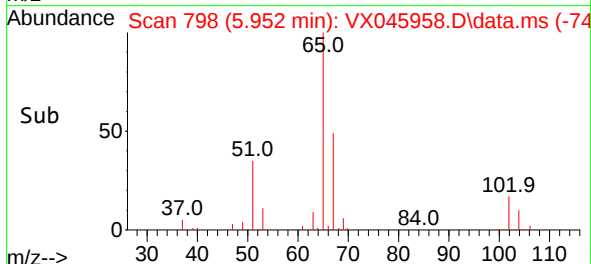
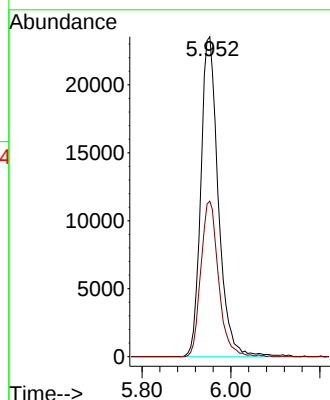
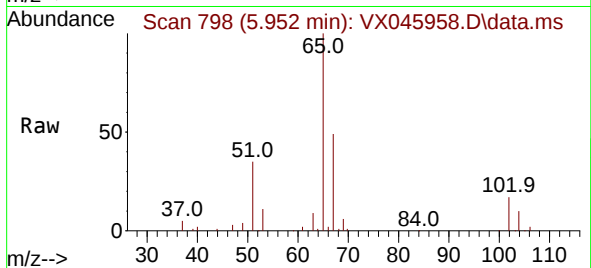
MH-D

Tgt Ion: 65 Resp: 64528

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045958.D

Acq: 28 Apr 2025 15:49

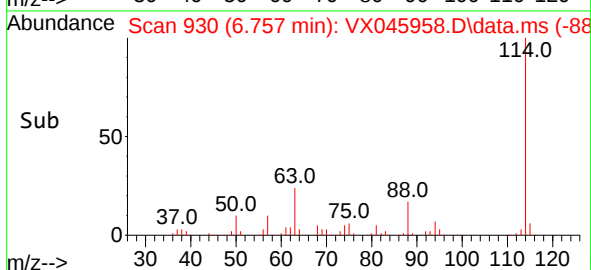
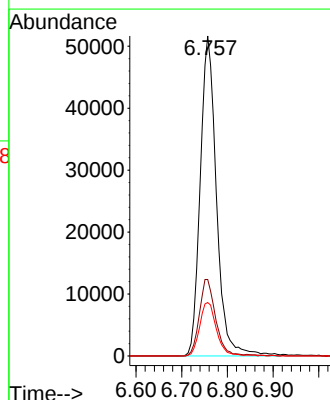
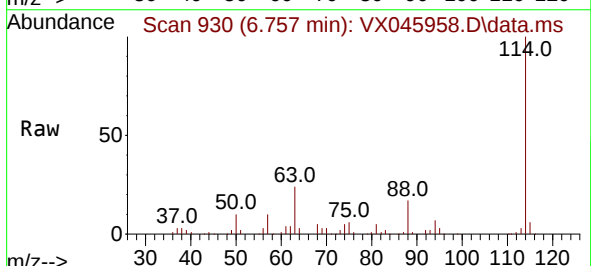
Tgt Ion: 114 Resp: 127577

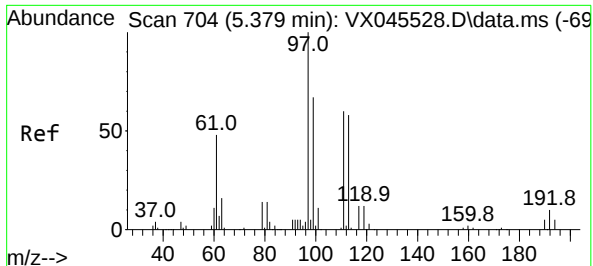
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 16.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.582 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045958.D

Acq: 28 Apr 2025 15:49

Instrument :

MSVOA_X

ClientSampleId :

MH-D

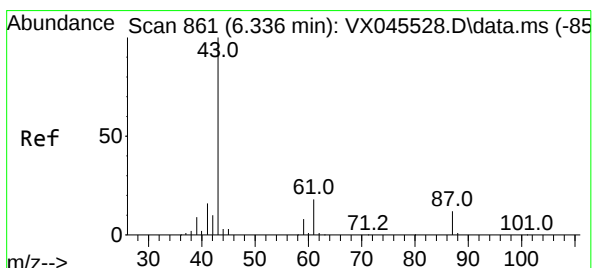
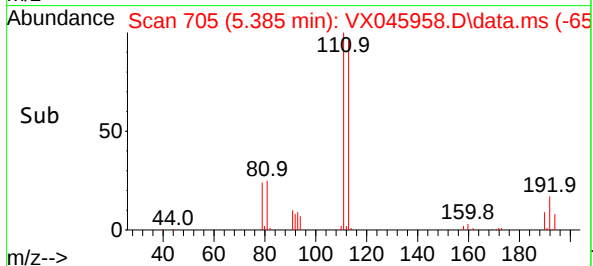
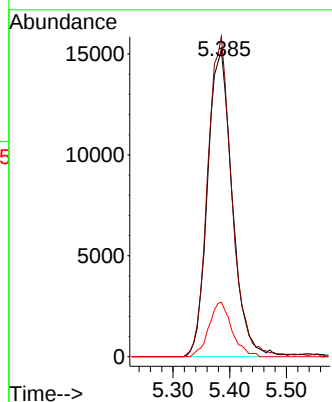
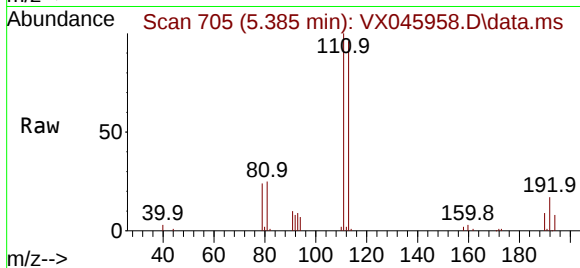
Tgt Ion:113 Resp: 45785

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 16.6 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.241 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX045958.D

Acq: 28 Apr 2025 15:49

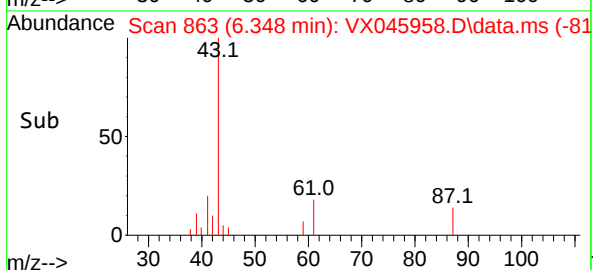
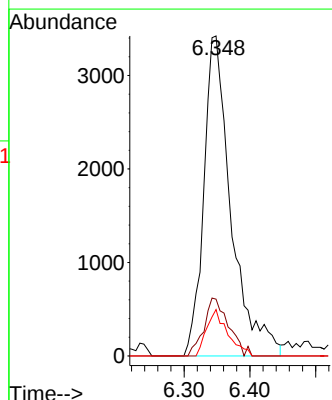
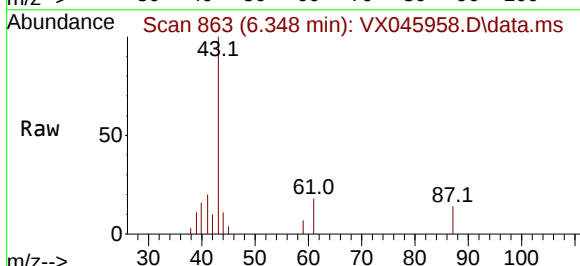
Tgt Ion: 43 Resp: 9899

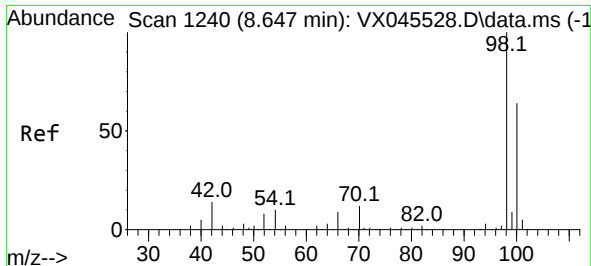
Ion Ratio Lower Upper

43 100

61 16.2 14.1 21.1

87 11.2 9.2 13.8

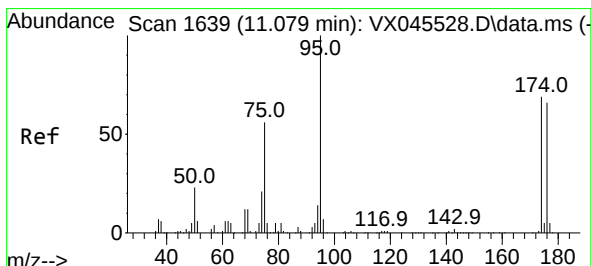
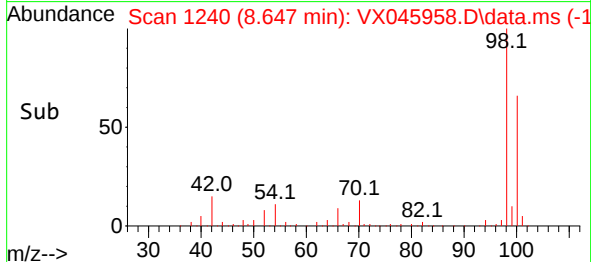
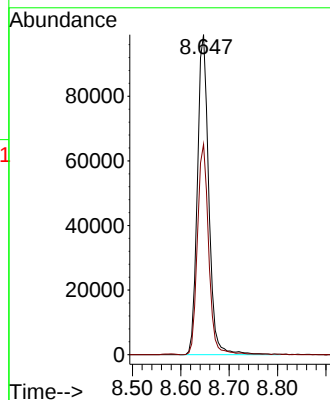
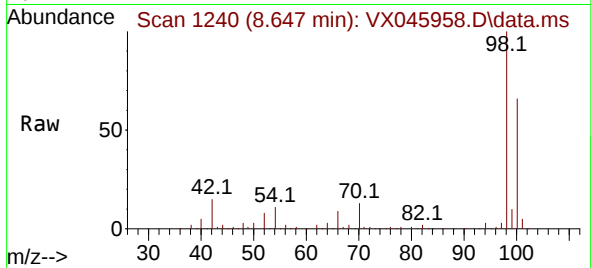




#50
Toluene-d8
Concen: 50.979 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

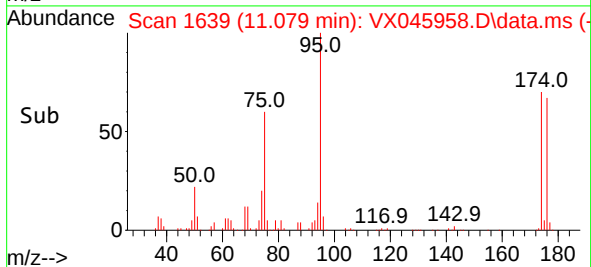
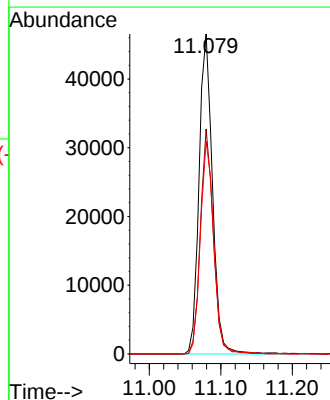
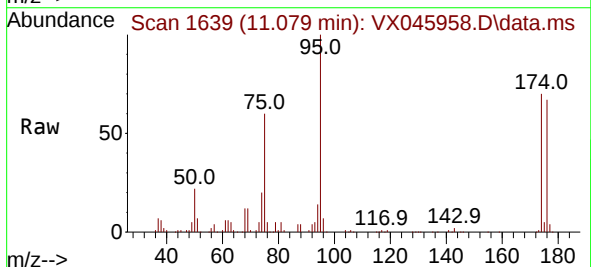
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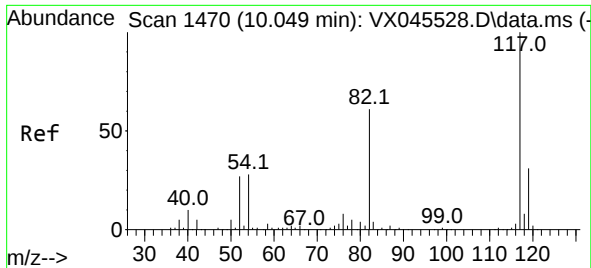
Tgt Ion: 98 Resp: 161060
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 95 Resp: 60576
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.8
176 66.5 0.0 131.4

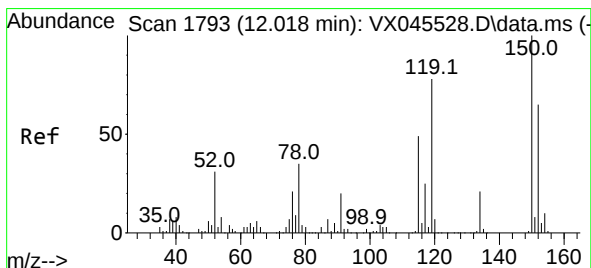
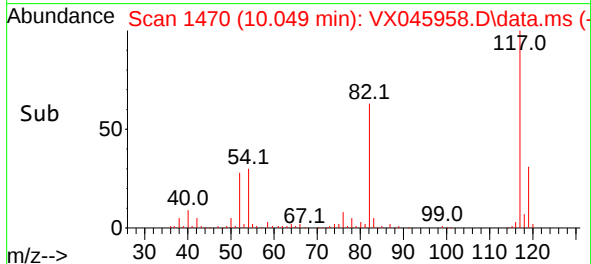
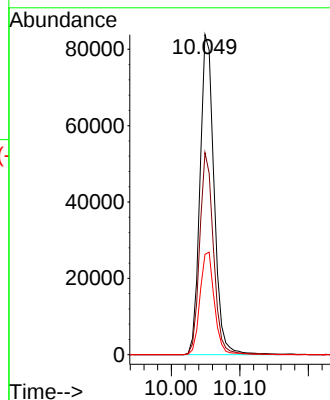
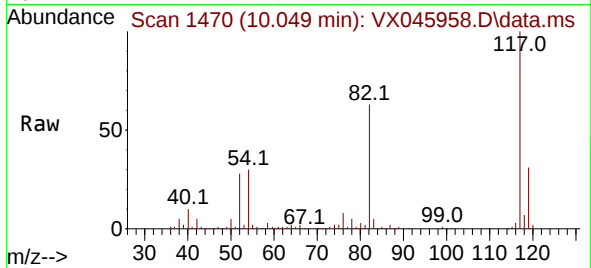




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:117 Resp: 120116
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion:152 Resp: 52395
Ion Ratio Lower Upper
152 100
115 66.7 46.9 140.7
150 156.2 0.0 349.4

