

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
 Data File : VX045950.D
 Acq On : 28 Apr 2025 12:44
 Operator : JC/MD
 Sample : Q1869-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F

Quant Time: Apr 29 01:33:17 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)

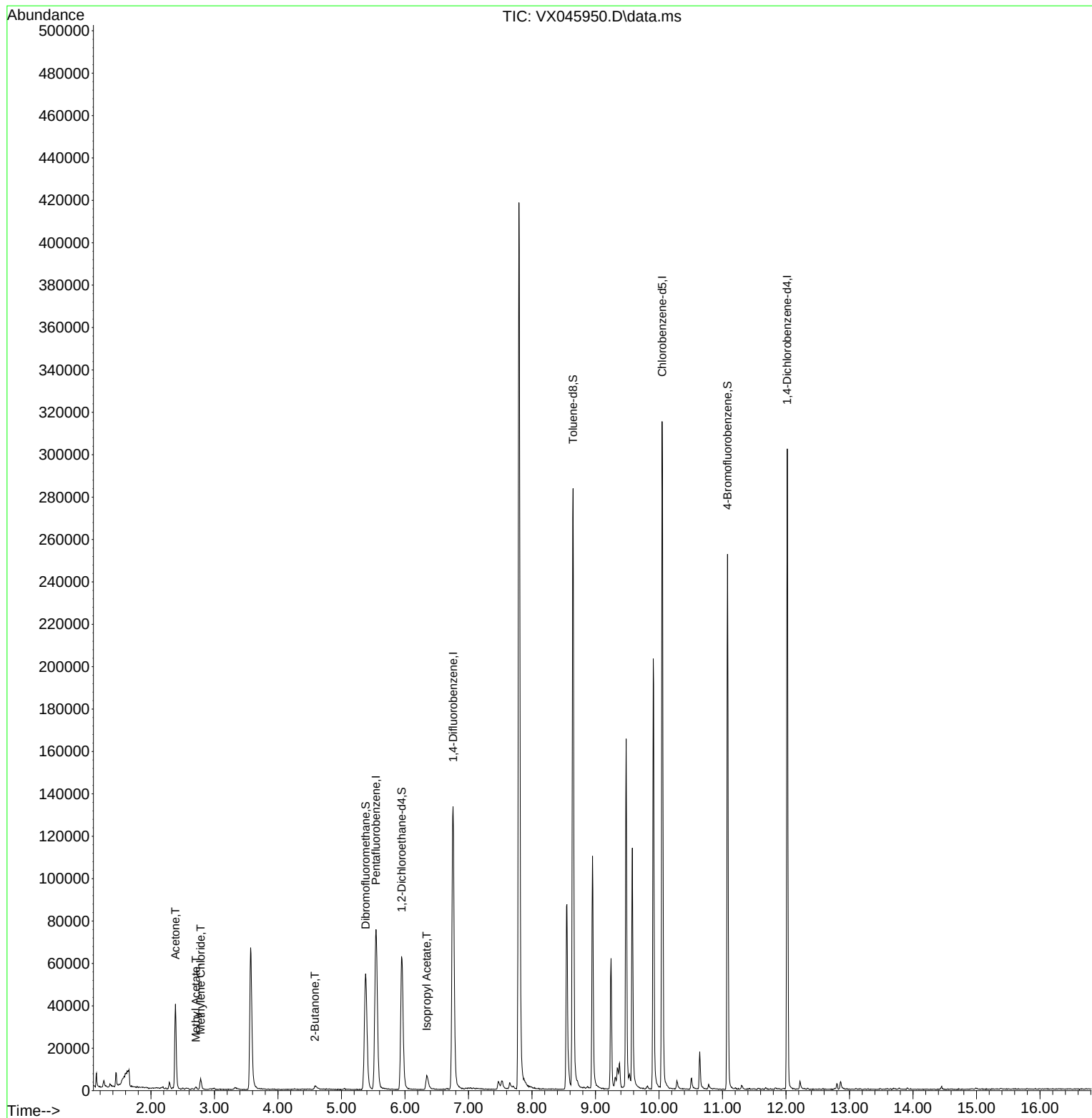
Internal Standards						
1) Pentafluorobenzene	5.544	168	66202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64977	53.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.340%	
35) Dibromofluoromethane	5.379	113	46363	49.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.940%	
50) Toluene-d8	8.647	98	166292	51.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.700%	
62) 4-Bromofluorobenzene	11.079	95	65267	55.334	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.660%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	44950	90.419	ug/l	96
18) Methyl Acetate	2.709	43	1571	1.373	ug/l	94
20) Methylene Chloride	2.782	84	2188	2.351	ug/l	88
25) 2-Butanone	4.581	43	3667	5.039	ug/l	98
43) Isopropyl Acetate	6.342	43	10091	4.218	ug/l	99

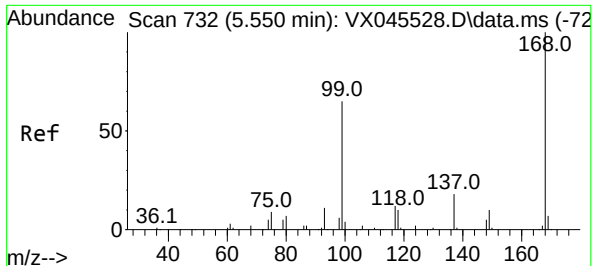
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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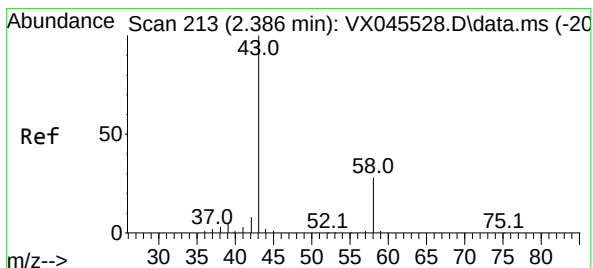
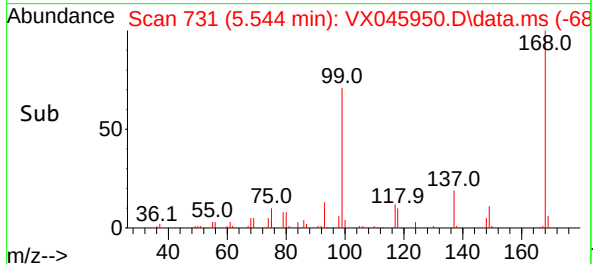
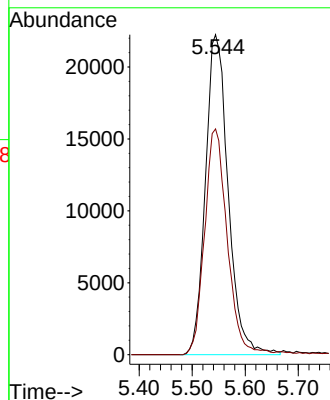
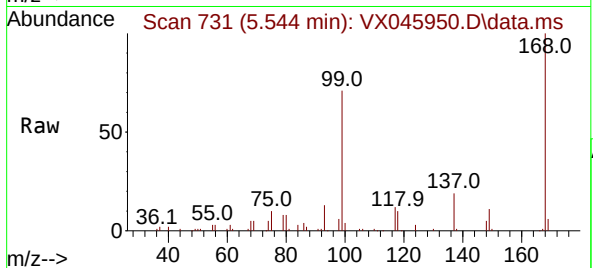




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

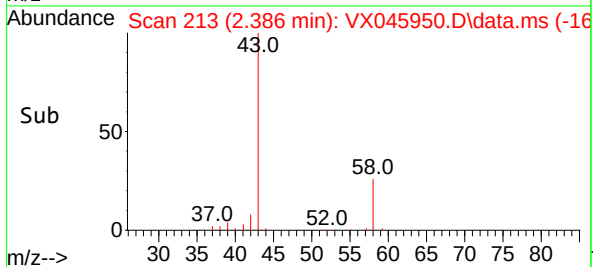
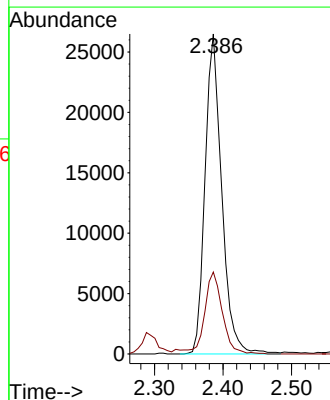
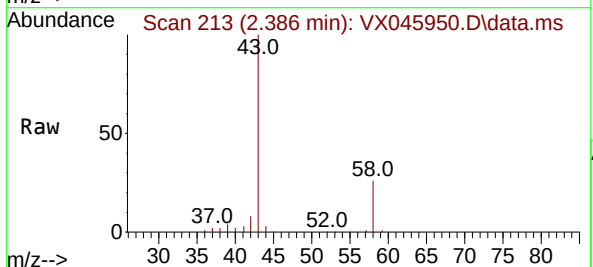
Instrument :
MSVOA_X
ClientSampleId :
MH-F

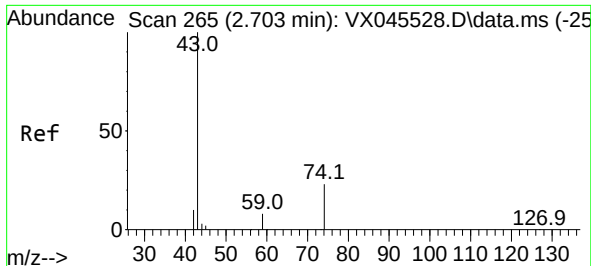
Tgt Ion:168 Resp: 66202
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5



#16
Acetone
Concen: 90.419 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 43 Resp: 44950
Ion Ratio Lower Upper
43 100
58 25.6 22.3 33.5

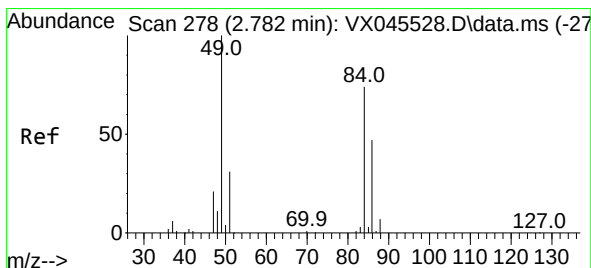
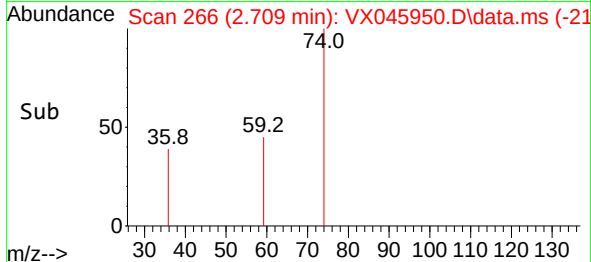
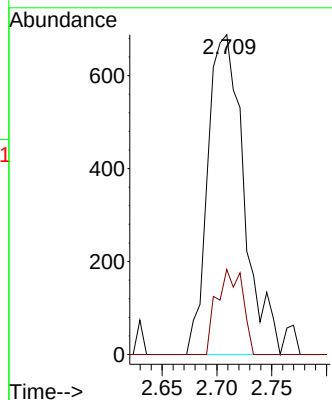
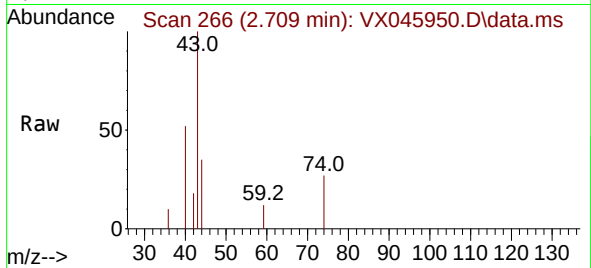




#18
Methyl Acetate
Concen: 1.373 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

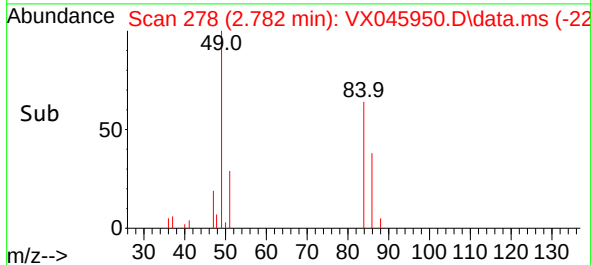
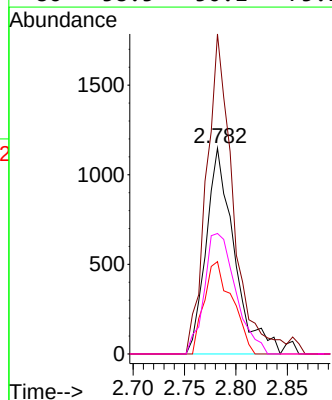
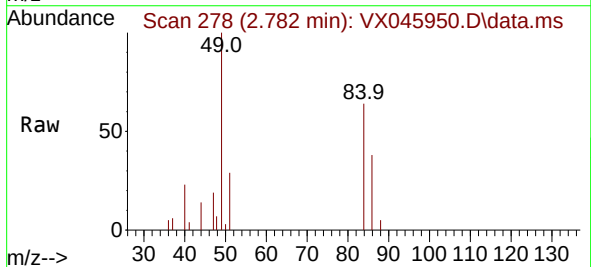
Instrument :
MSVOA_X
ClientSampleId :
MH-F

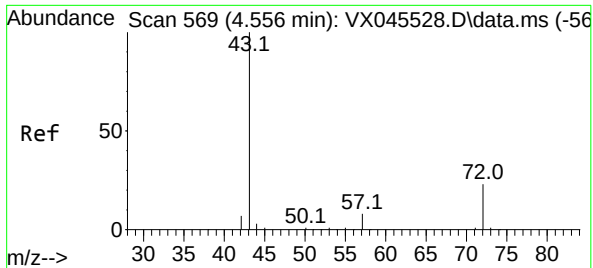
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
74 19.1 17.5 26.3



#20
Methylene Chloride
Concen: 2.351 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
49 155.6 107.5 161.3
51 44.9 33.0 49.6
86 58.5 50.1 75.1

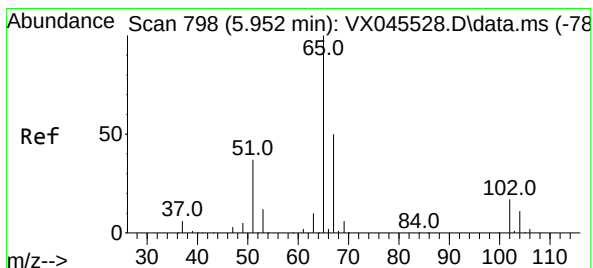
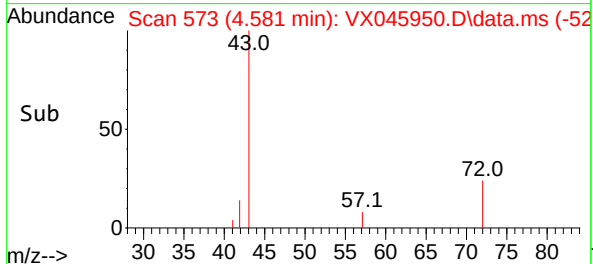
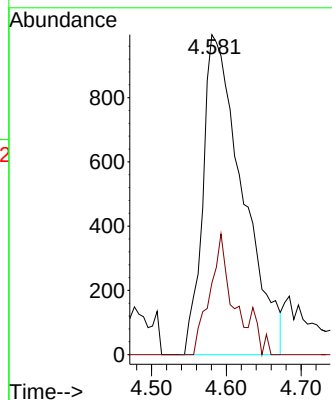
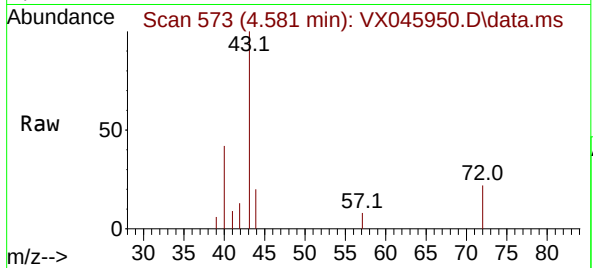




#25
2-Butanone
Concen: 5.039 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

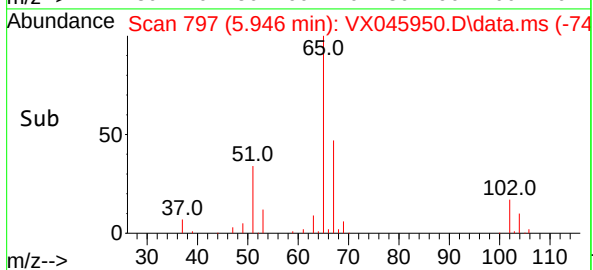
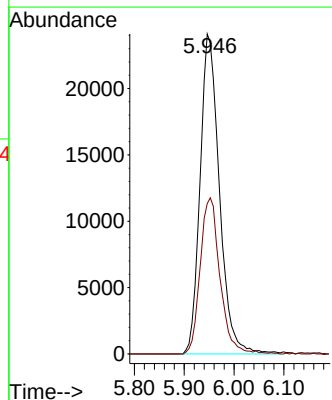
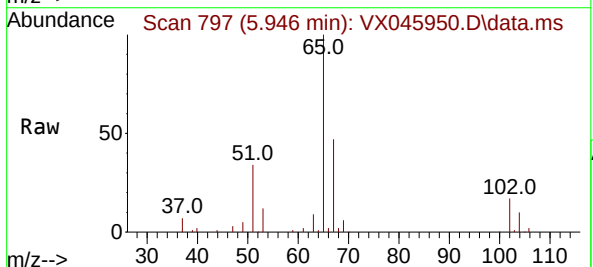
Instrument :
MSVOA_X
ClientSampleId :
MH-F

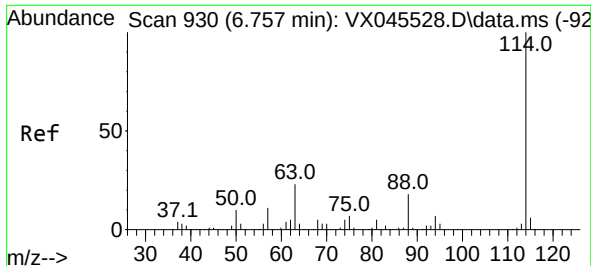
Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
72 22.4 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 53.671 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 65 Resp: 64977
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

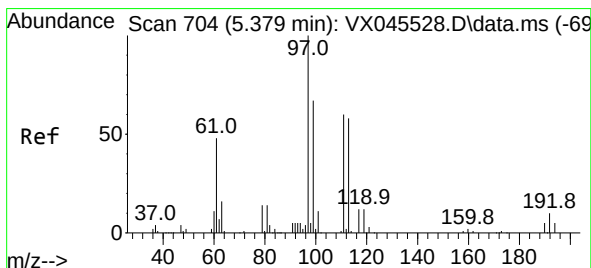
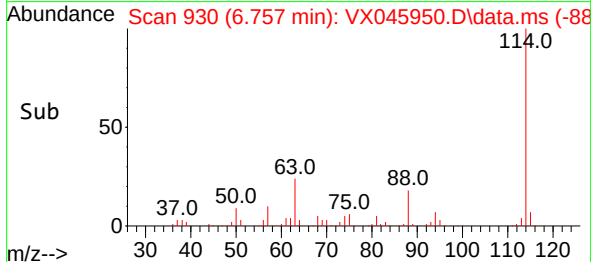
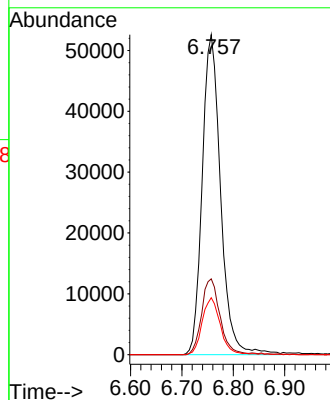
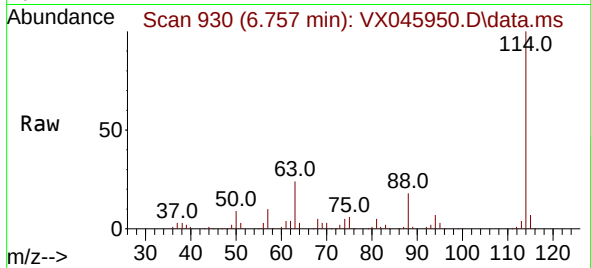




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

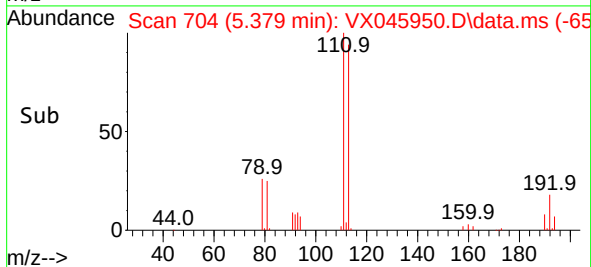
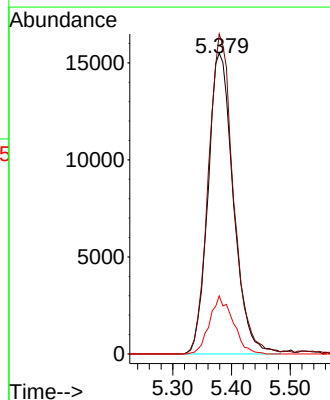
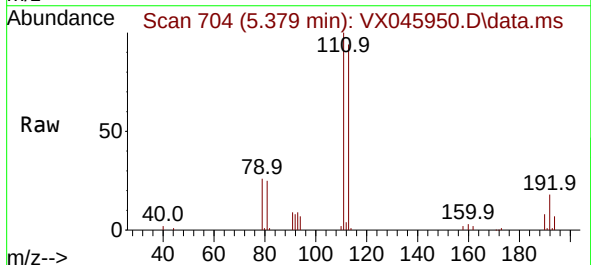
Instrument :
MSVOA_X
ClientSampleId :
MH-F

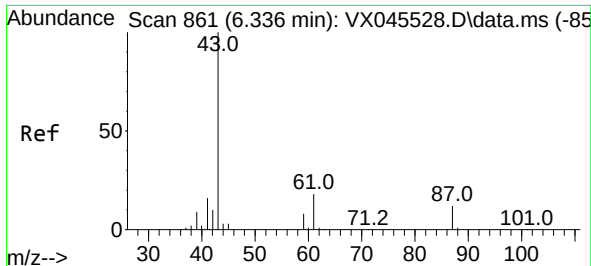
Tgt Ion:114 Resp: 130761
Ion Ratio Lower Upper
114 100
63 23.7 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.974 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion:113 Resp: 46363
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 17.9 13.8 20.6

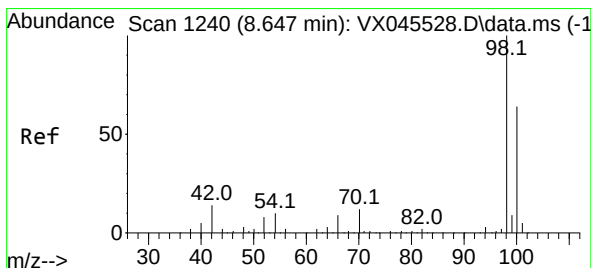
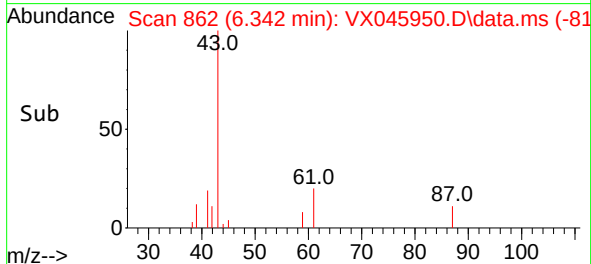
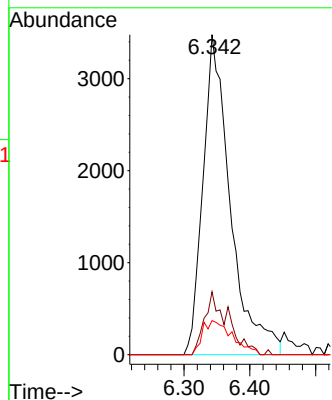
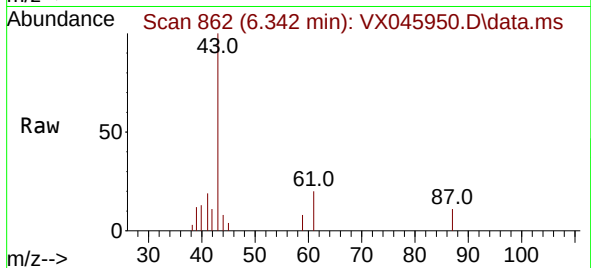




#43
Isopropyl Acetate
Concen: 4.218 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

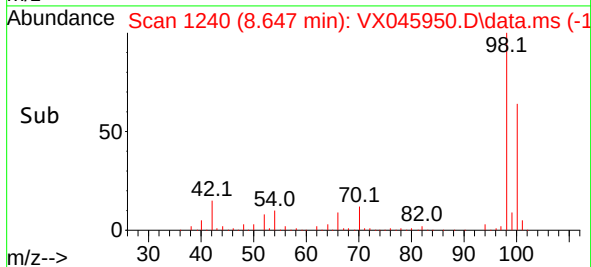
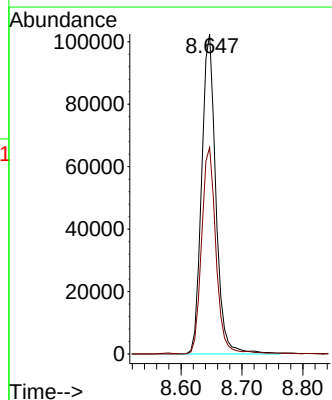
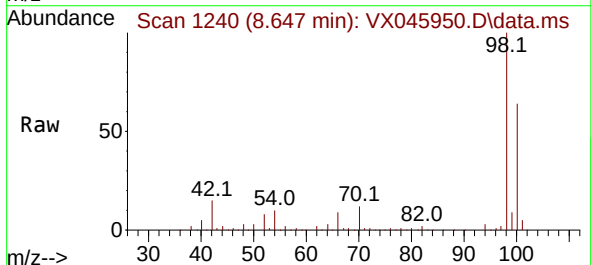
Instrument :
MSVOA_X
ClientSampleId :
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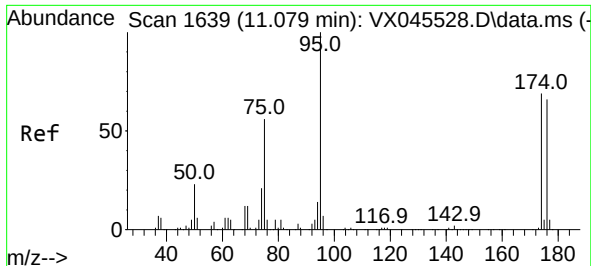
Tgt Ion: 43 Resp: 10091
Ion Ratio Lower Upper
43 100
61 17.1 14.1 21.1
87 11.5 9.2 13.8



#50
Toluene-d8
Concen: 51.353 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045950.D
Acq: 28 Apr 2025 12:44

Tgt Ion: 98 Resp: 166292
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 55.334 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045950.D

Acq: 28 Apr 2025 12:44

Instrument :

MSVOA_X

ClientSampleId :

MH-F

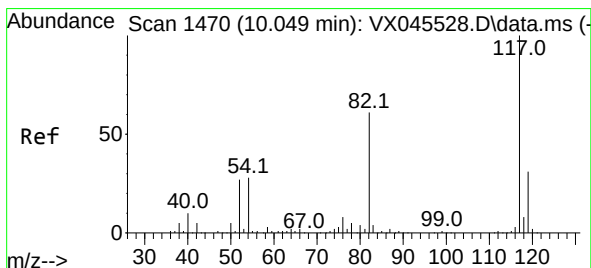
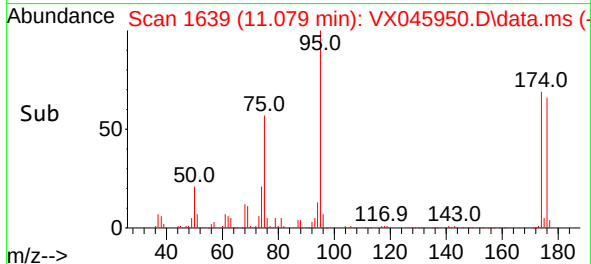
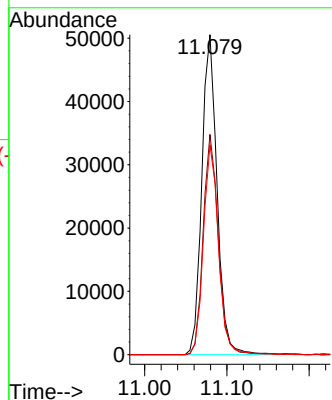
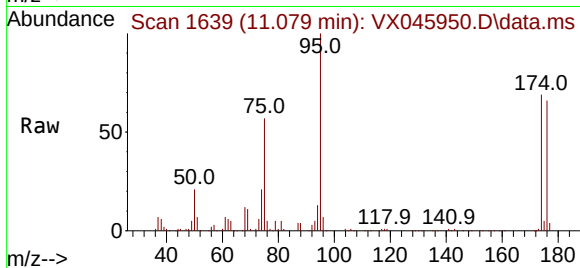
Tgt Ion: 95 Resp: 65267

Ion Ratio Lower Upper

95 100

174 68.2 0.0 135.8

176 64.8 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: VX045950.D

Acq: 28 Apr 2025 12:44

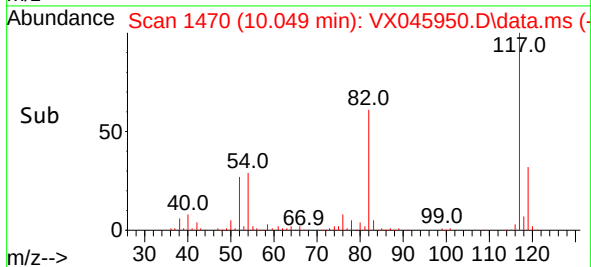
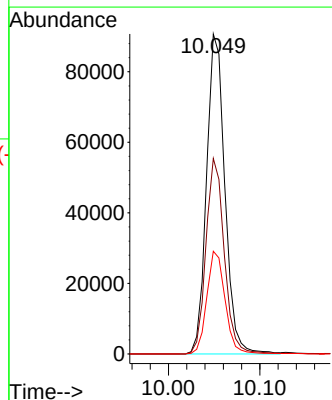
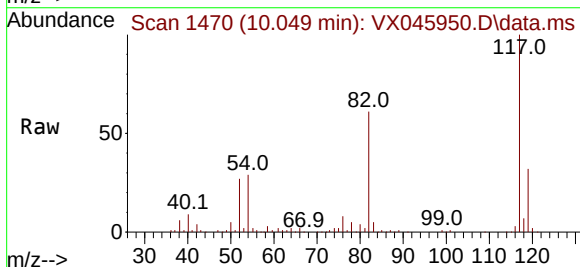
Tgt Ion: 117 Resp: 126174

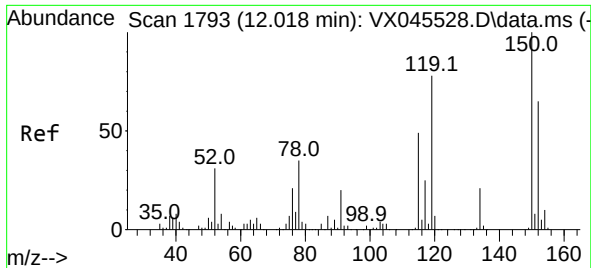
Ion Ratio Lower Upper

117 100

82 61.1 49.2 73.8

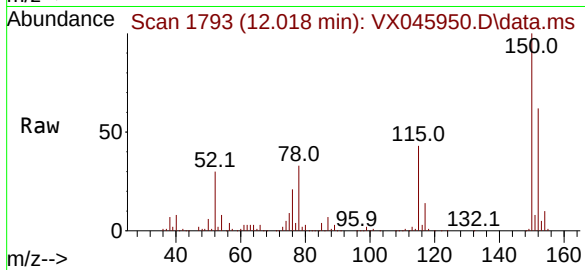
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045950.D
 Acq: 28 Apr 2025 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F



Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	46.9	140.7
150	158.8	0.0	349.4

