

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045850.D
 Acq On : 18 Apr 2025 12:14
 Operator : JC/MD
 Sample : Q1825-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Apr 18 23:36:53 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)

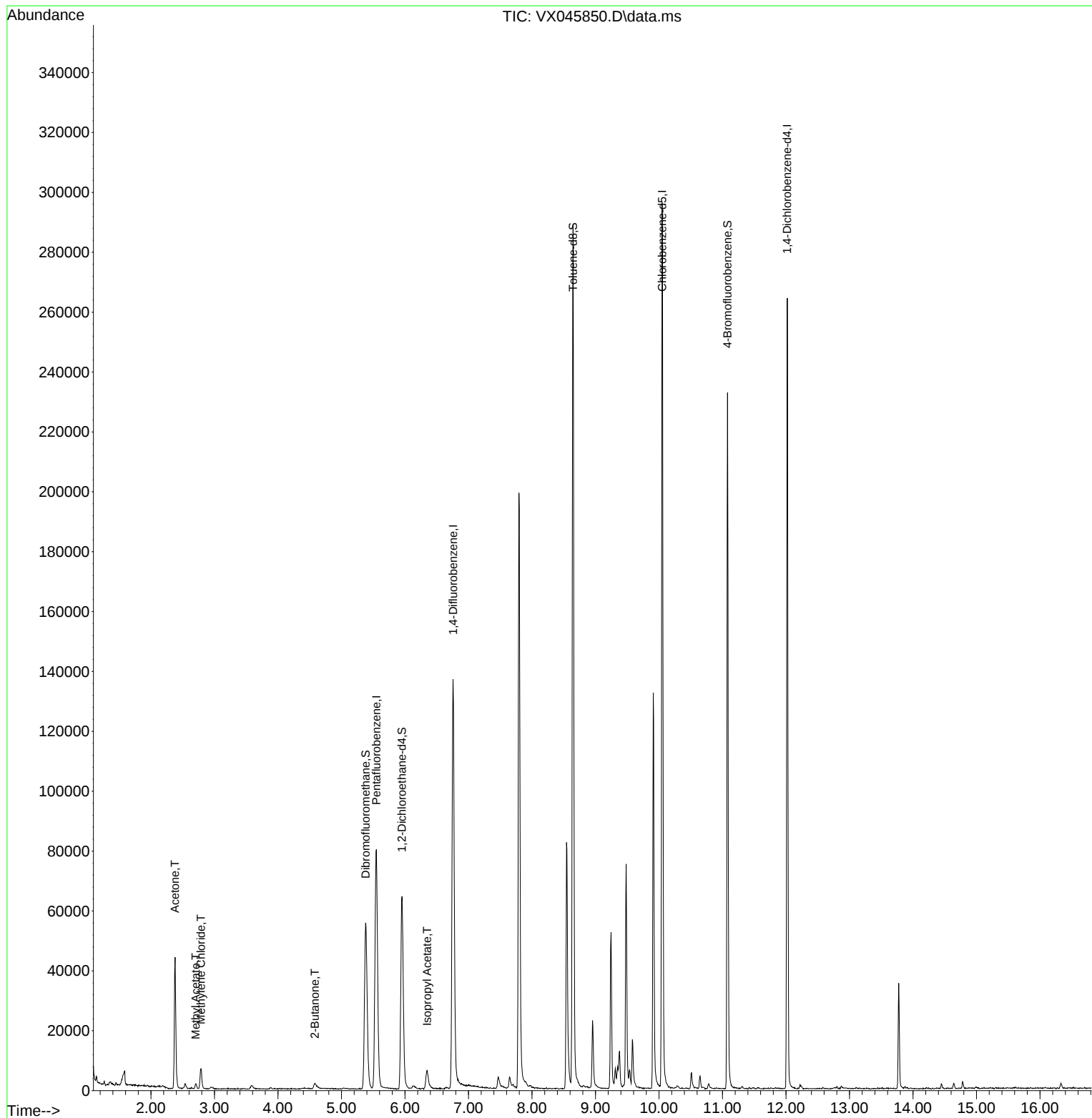
Internal Standards						
1) Pentafluorobenzene	5.550	168	68578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67058	53.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.940%	
35) Dibromofluoromethane	5.379	113	48176	50.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.647	98	167004	50.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	11.079	95	61383	50.819	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	46234	89.779	ug/l	99
18) Methyl Acetate	2.703	43	2310	1.948	ug/l	96
20) Methylene Chloride	2.788	84	3245	3.366	ug/l	88
25) 2-Butanone	4.581	43	4712	6.251	ug/l	97
43) Isopropyl Acetate	6.348	43	9195	3.753	ug/l	99

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

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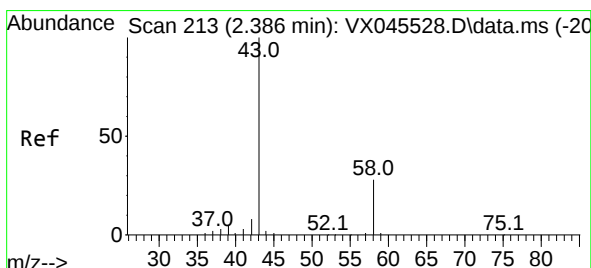
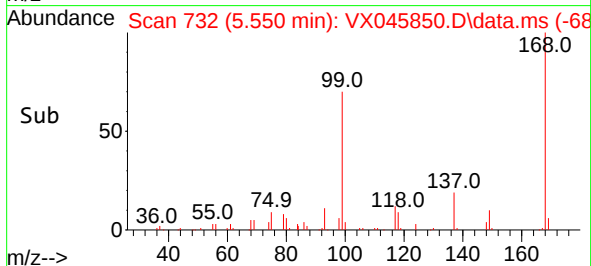
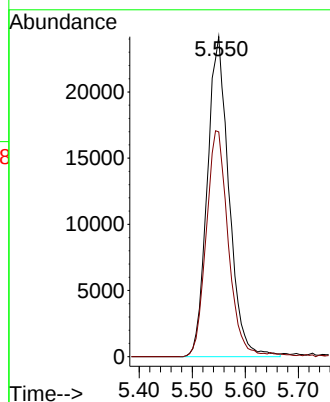
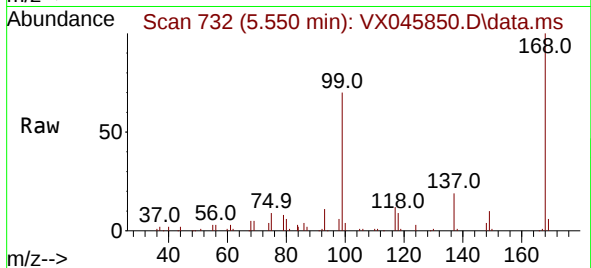




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

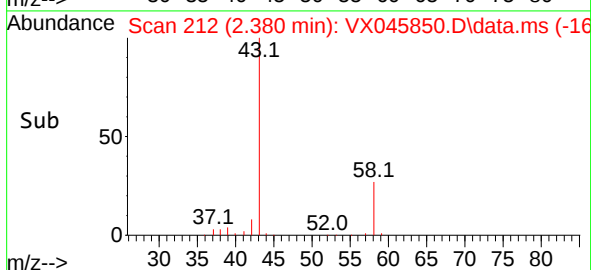
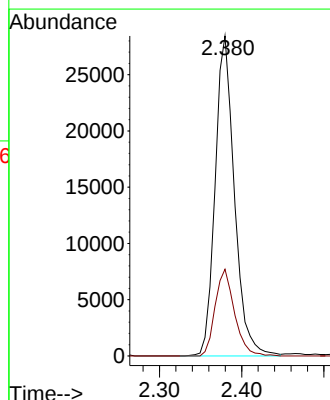
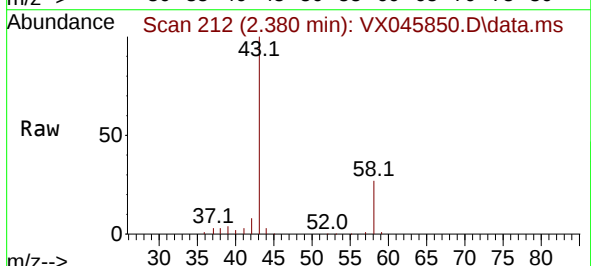
Instrument :
MSVOA_X
ClientSampleId :
TP-11

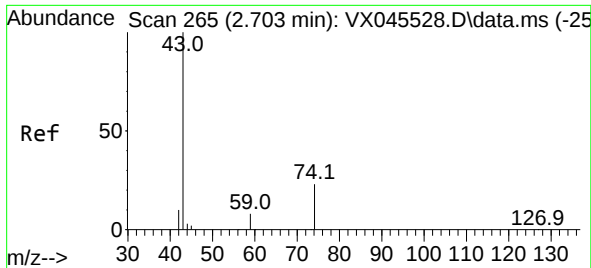
Tgt Ion:168 Resp: 68578
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#16
Acetone
Concen: 89.779 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

Tgt Ion: 43 Resp: 46234
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5

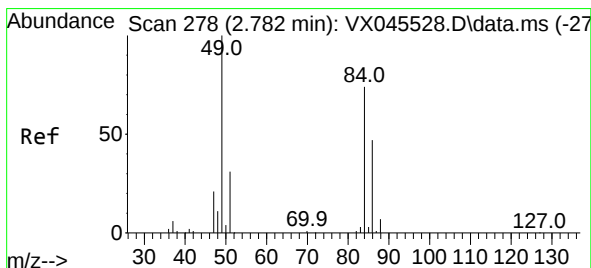
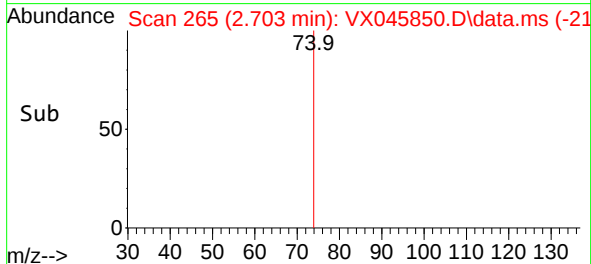
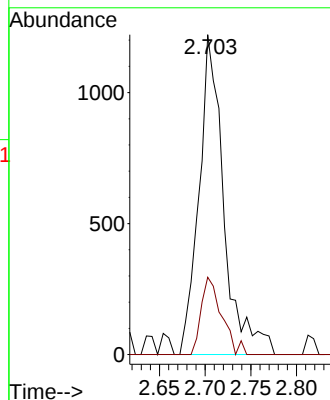
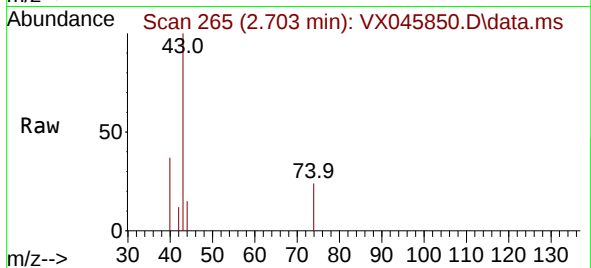




#18
Methyl Acetate
Concen: 1.948 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

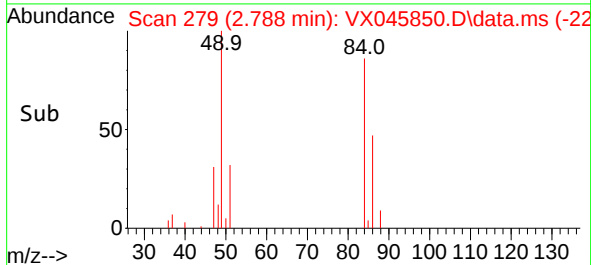
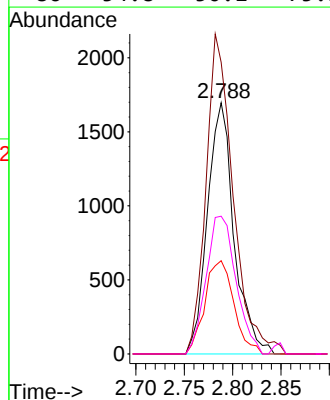
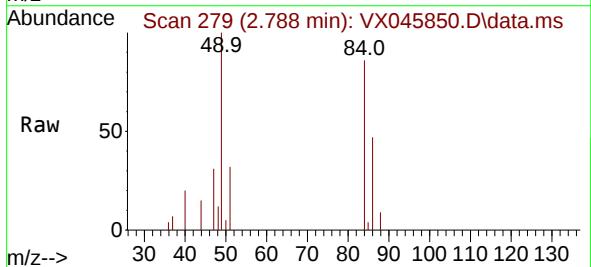
Instrument :
MSVOA_X
ClientSampleId :
TP-11

Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
74 19.9 17.5 26.3



#20
Methylene Chloride
Concen: 3.366 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

Tgt Ion: 84 Resp: 3245
Ion Ratio Lower Upper
84 100
49 116.2 107.5 161.3
51 37.1 33.0 49.6
86 54.8 50.1 75.1





#25

2-Butanone

Concen: 6.251 ug/l

RT: 4.581 min Scan# 5

Delta R.T. 0.024 min

Lab File: VX045850.D

Acq: 18 Apr 2025 12:14

Instrument :

MSVOA_X

ClientSampleId :

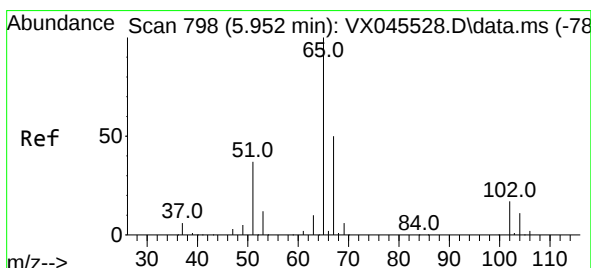
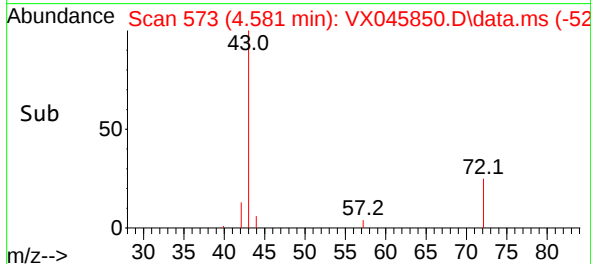
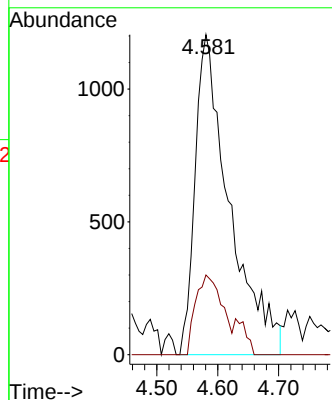
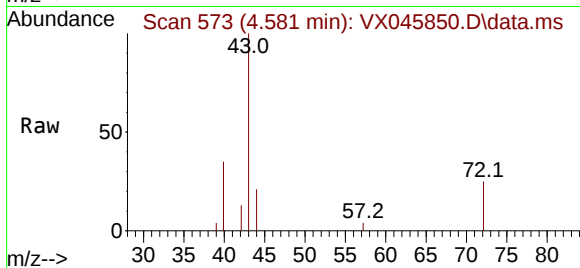
TP-11

Tgt Ion: 43 Resp: 4712

Ion Ratio Lower Upper

43 100

72 24.9 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 53.470 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045850.D

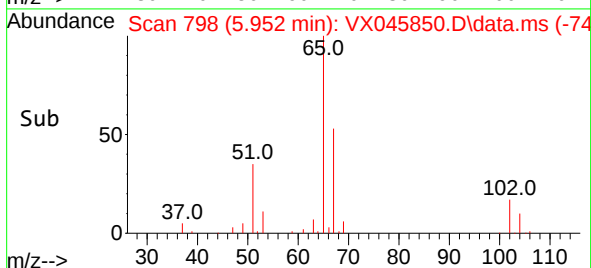
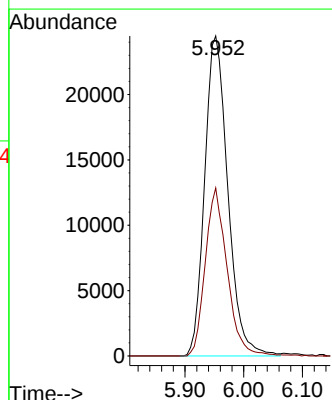
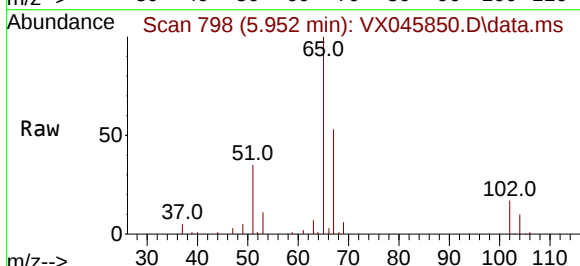
Acq: 18 Apr 2025 12:14

Tgt Ion: 65 Resp: 67058

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0

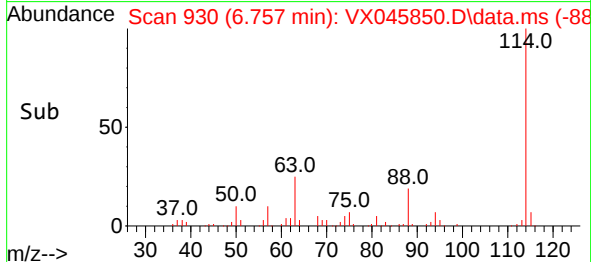
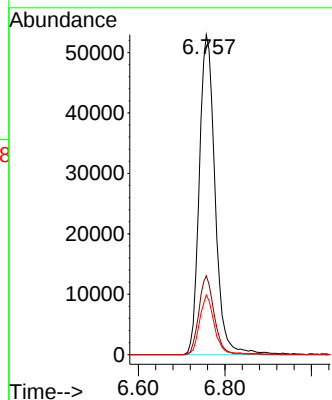
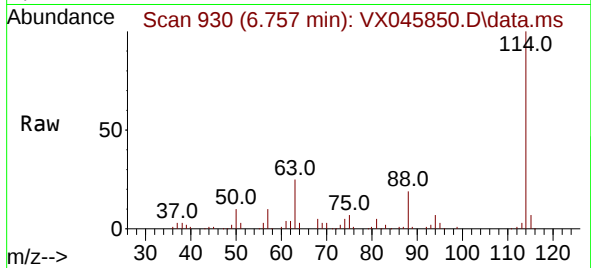




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

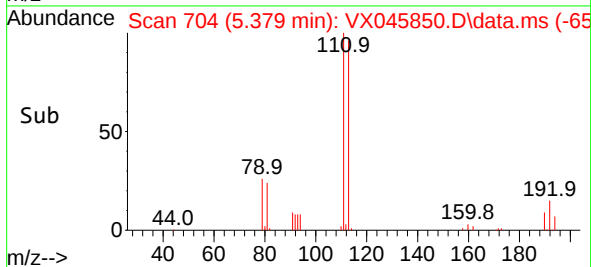
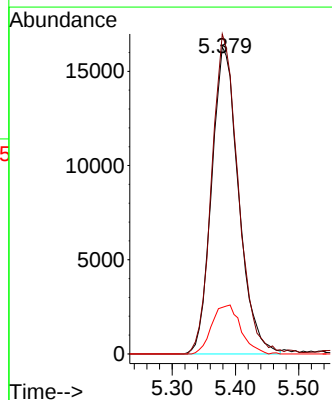
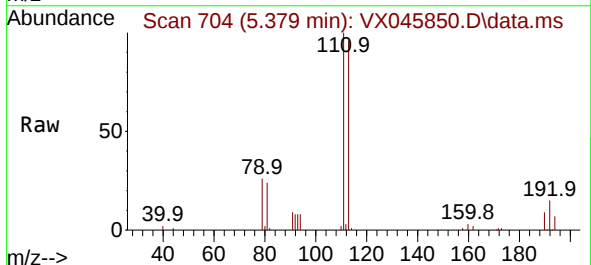
Instrument :
MSVOA_X
ClientSampleId :
TP-11

Tgt Ion:114 Resp: 133904
Ion Ratio Lower Upper
114 100
63 24.7 0.0 46.8
88 18.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.709 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

Tgt Ion:113 Resp: 48176
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.0 13.8 20.6

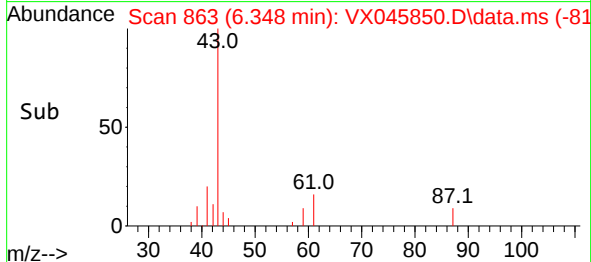
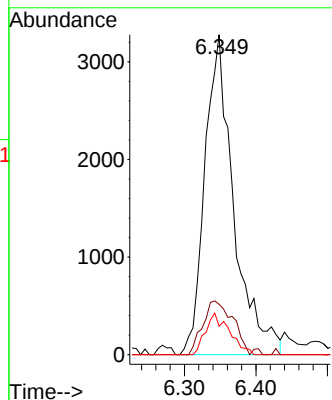
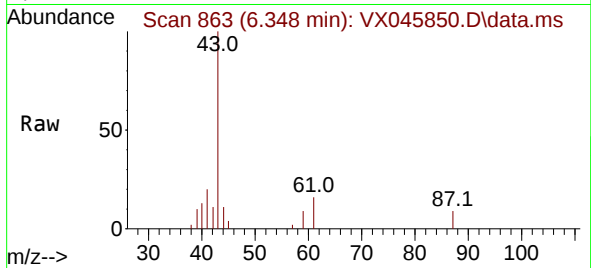




#43
Isopropyl Acetate
Concen: 3.753 ug/l
RT: 6.348 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

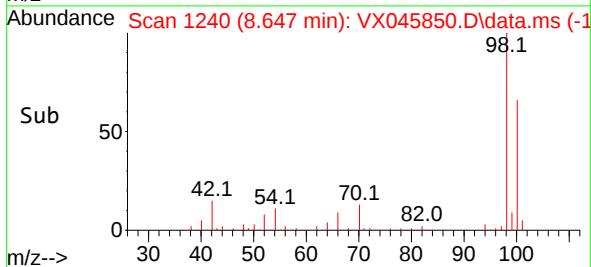
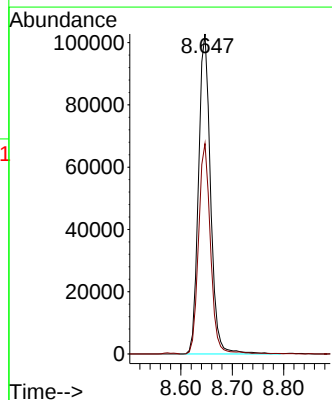
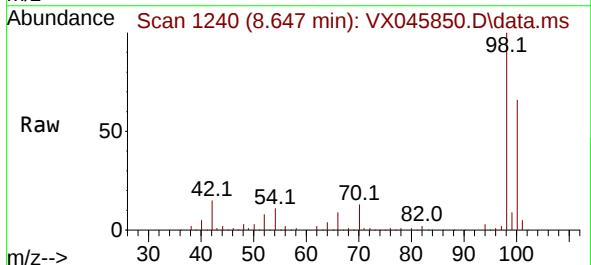
Instrument :
MSVOA_X
ClientSampleId :
TP-11

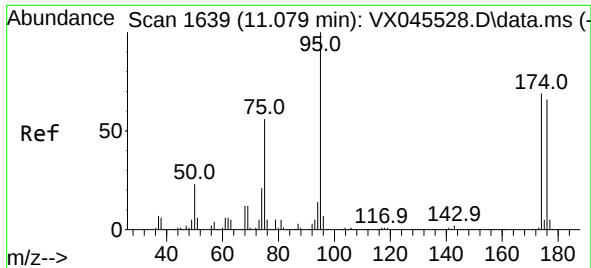
Tgt Ion: 43 Resp: 9195
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 10.8 9.2 13.8



#50
Toluene-d8
Concen: 50.362 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

Tgt Ion: 98 Resp: 167004
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

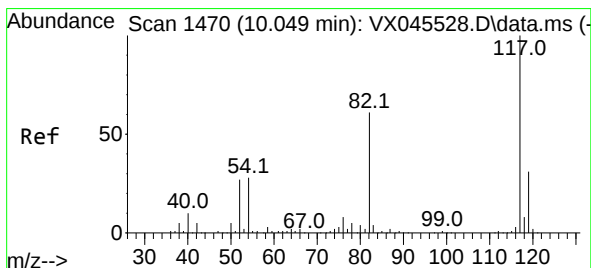
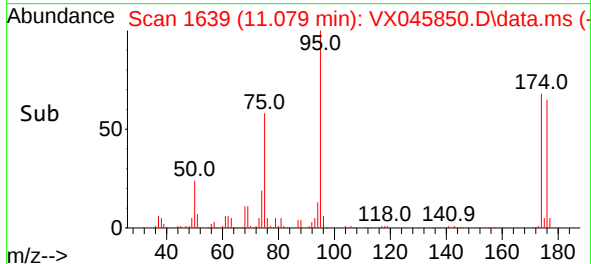
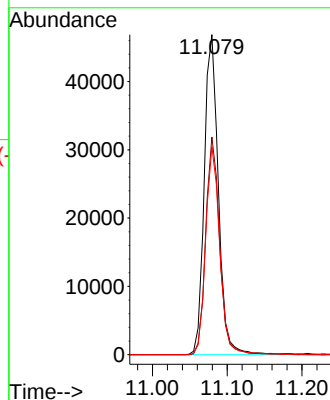
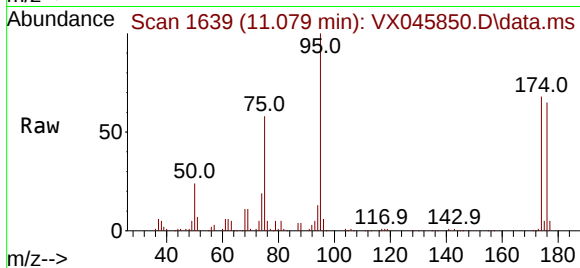




#62
4-Bromofluorobenzene
Concen: 50.819 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

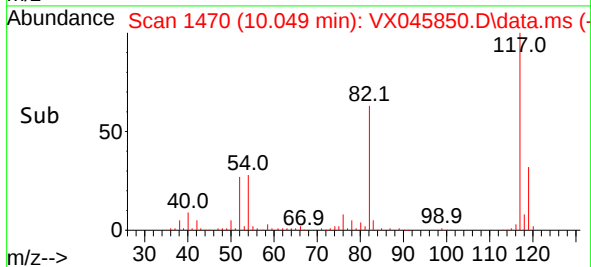
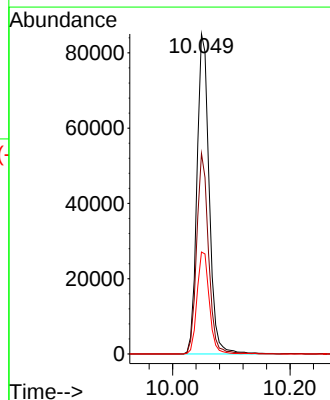
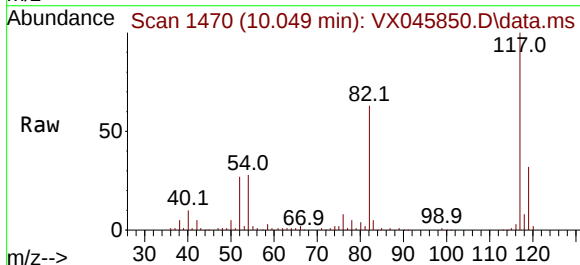
Instrument :
MSVOA_X
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TP-11

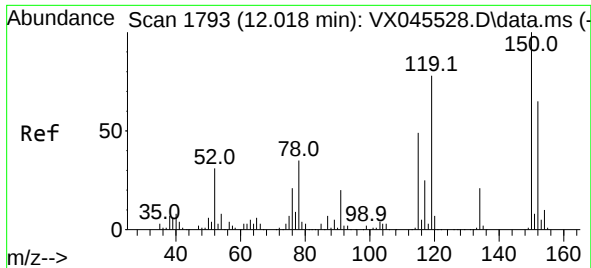
Tgt Ion: 95 Resp: 61383
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 65.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045850.D
Acq: 18 Apr 2025 12:14

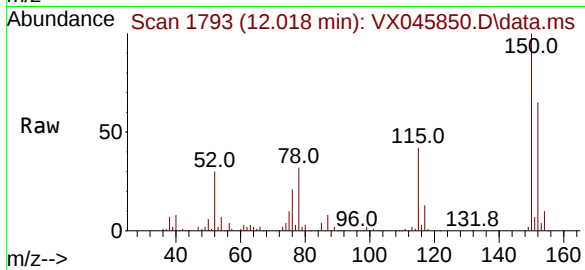
Tgt Ion: 117 Resp: 122372
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 31.9 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045850.D
 Acq: 18 Apr 2025 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 49081
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 157.4 0.0 349.4

