

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045608.D
 Acq On : 04 Apr 2025 18:38
 Operator : JC/MD
 Sample : Q1695-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-2

Quant Time: Apr 04 23:14:22 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)

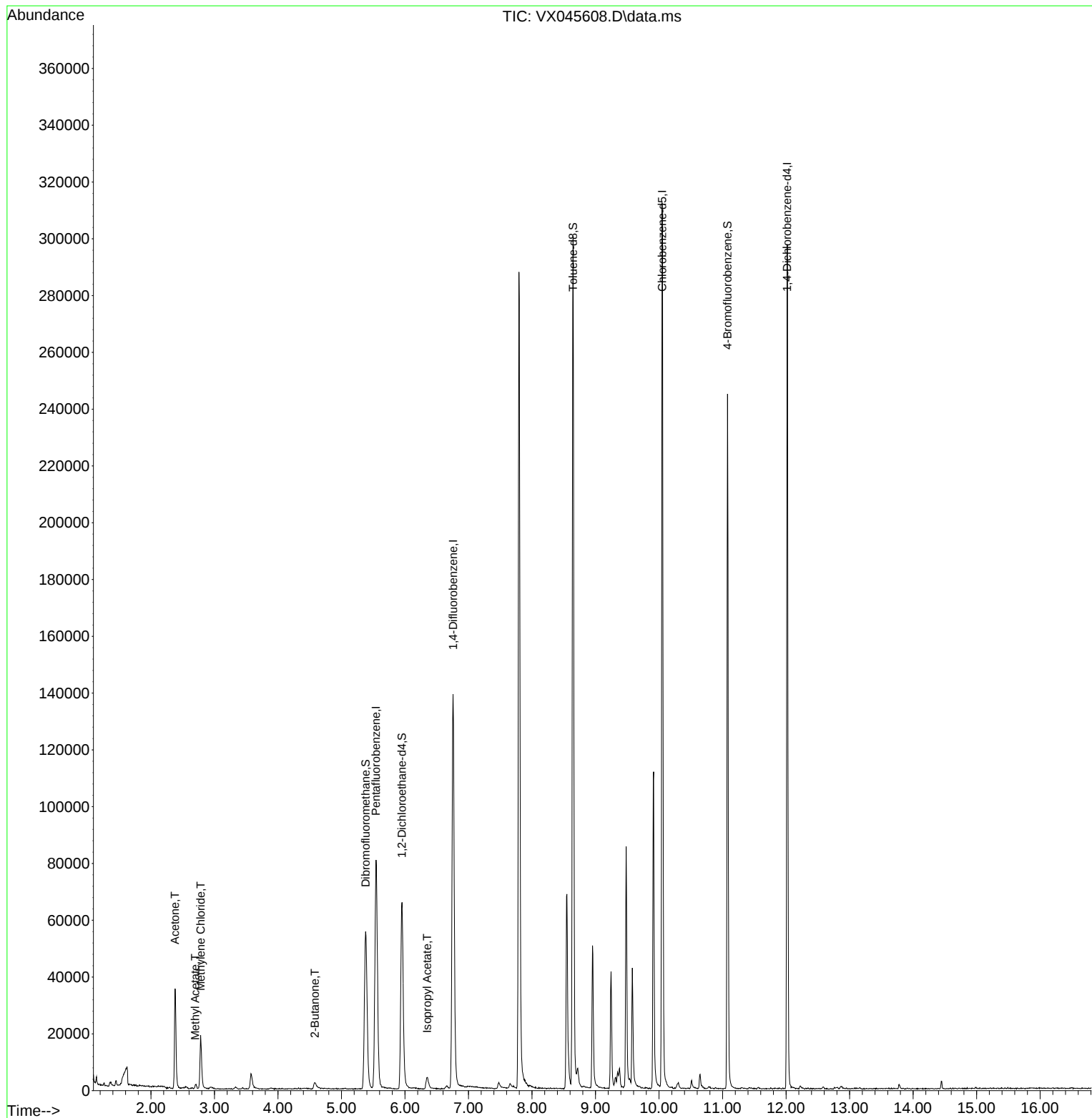
Internal Standards						
1) Pentafluorobenzene	5.544	168	67319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67401	54.749	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.500%
35) Dibromofluoromethane	5.379	113	48597	51.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	8.647	98	171101	51.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	11.079	95	63473	52.577	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.160%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	37842	74.858	ug/l	97
18) Methyl Acetate	2.696	43	2171	1.865	ug/l	94
20) Methylene Chloride	2.782	84	8073	8.530	ug/l	95
25) 2-Butanone	4.580	43	5350	7.230	ug/l #	78
43) Isopropyl Acetate	6.348	43	6695	2.734	ug/l	95

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

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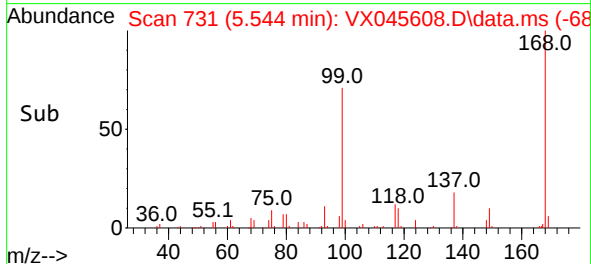
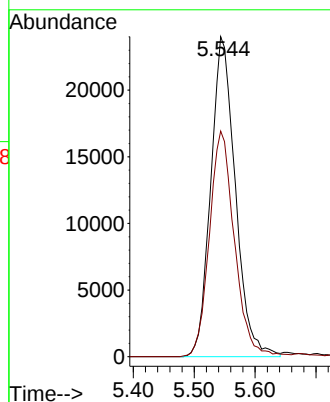
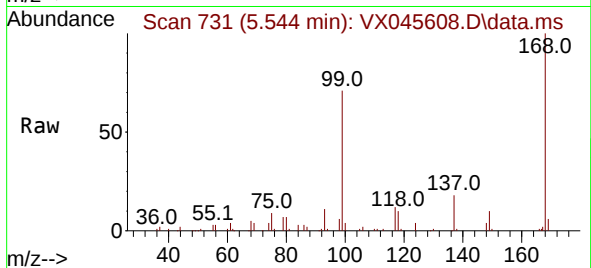




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

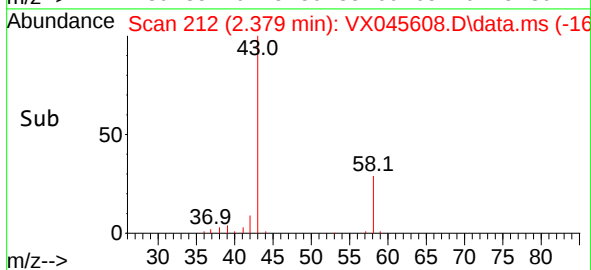
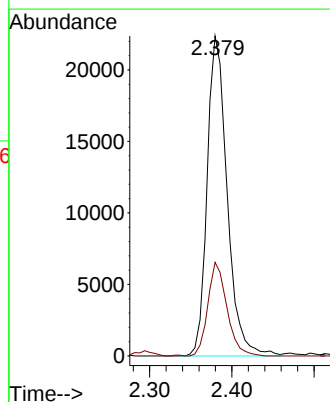
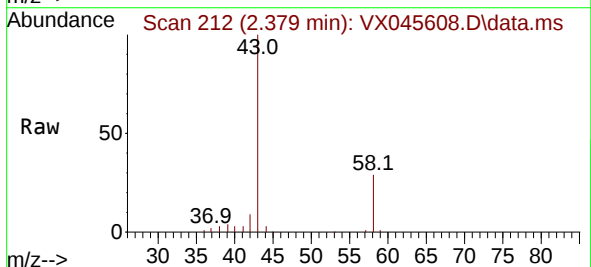
Instrument :
MSVOA_X
ClientSampleId :
TT-2

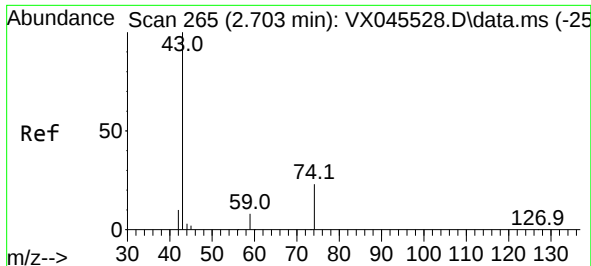
Tgt Ion:168 Resp: 67319
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5



#16
Acetone
Concen: 74.858 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

Tgt Ion: 43 Resp: 37842
Ion Ratio Lower Upper
43 100
58 29.2 22.3 33.5

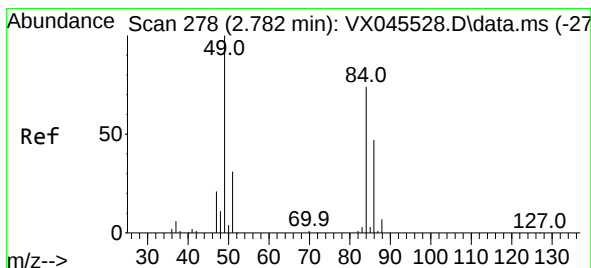
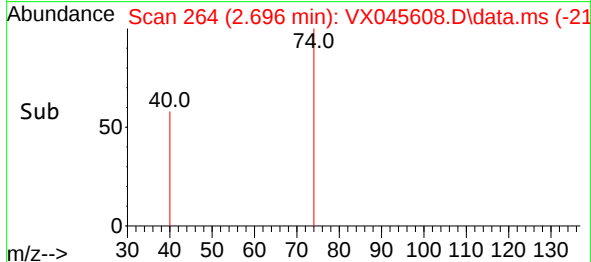
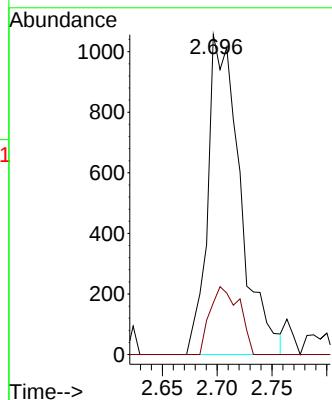
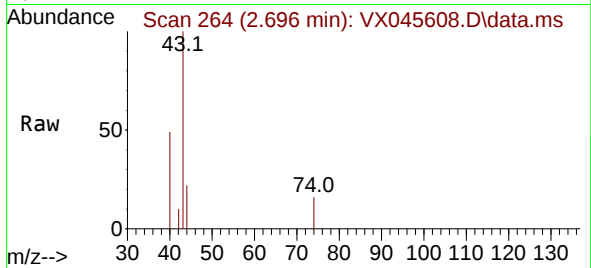




#18
Methyl Acetate
Concen: 1.865 ug/l
RT: 2.696 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

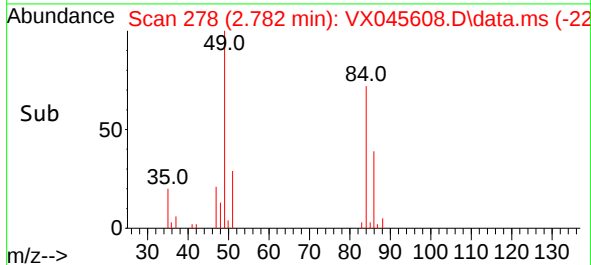
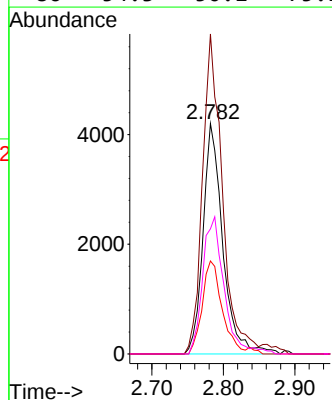
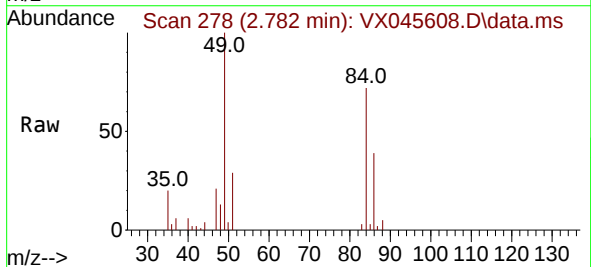
Instrument :
MSVOA_X
ClientSampleId :
TT-2

Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
74 19.2 17.5 26.3



#20
Methylene Chloride
Concen: 8.530 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

Tgt Ion: 84 Resp: 8073
Ion Ratio Lower Upper
84 100
49 138.8 107.5 161.3
51 40.3 33.0 49.6
86 54.3 50.1 75.1

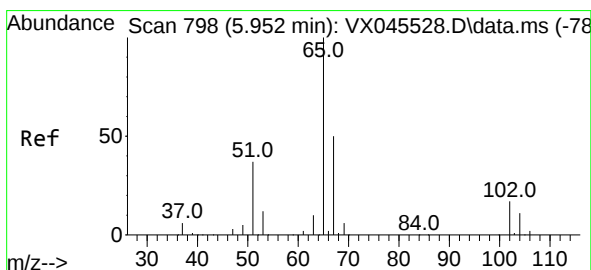
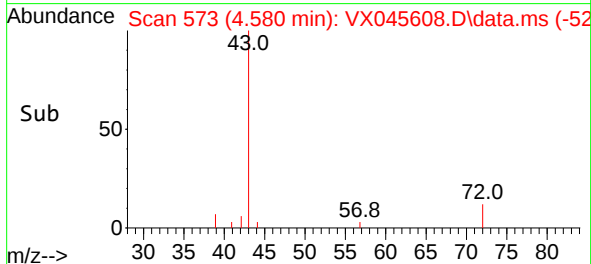
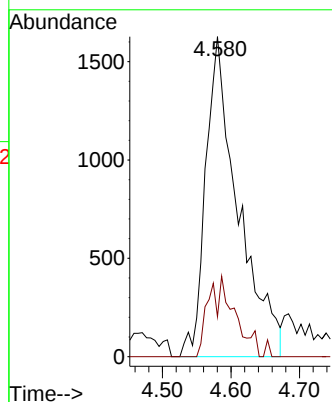
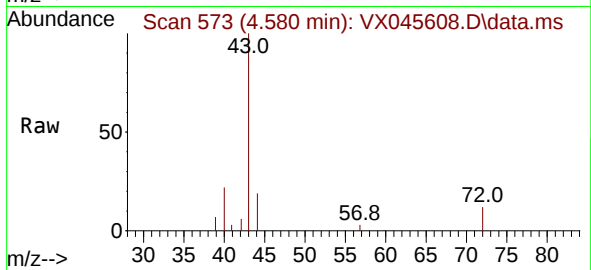




#25
2-Butanone
Concen: 7.230 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

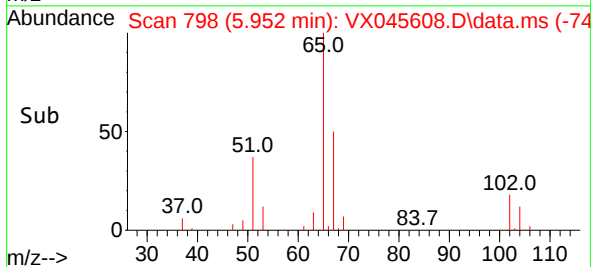
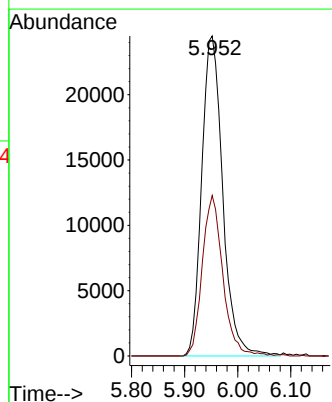
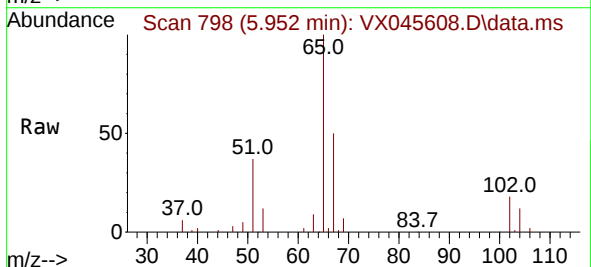
Instrument :
MSVOA_X
ClientSampleId :
TT-2

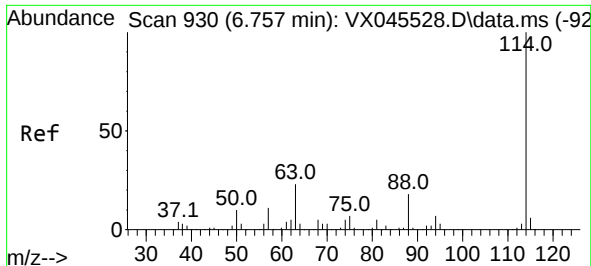
Tgt Ion: 43 Resp: 5350
Ion Ratio Lower Upper
43 100
72 12.5 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 54.749 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

Tgt Ion: 65 Resp: 67401
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

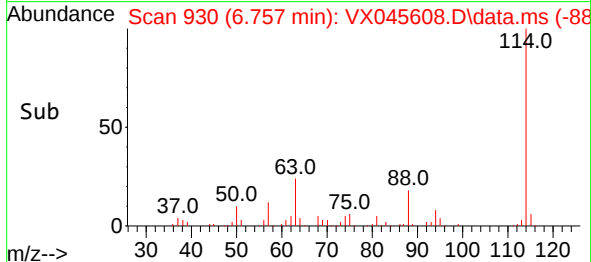
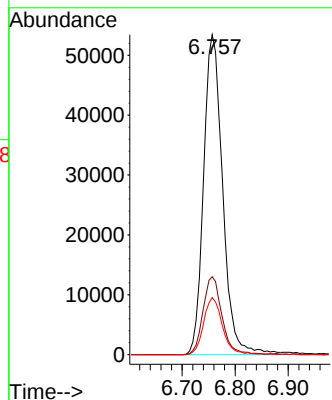
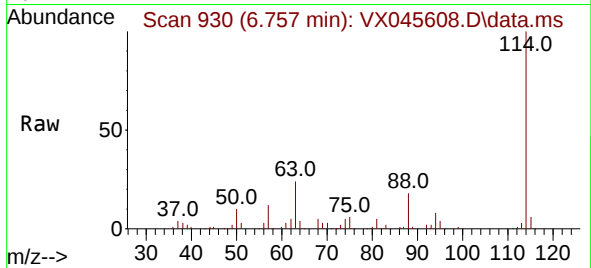




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

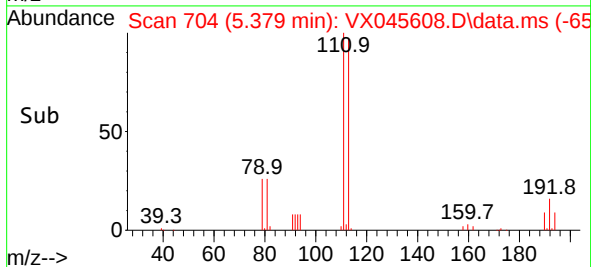
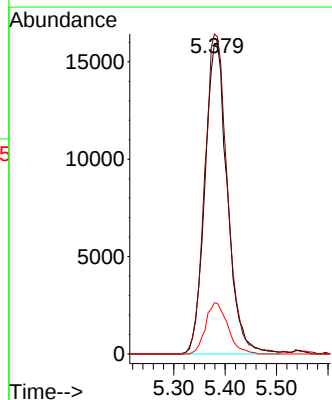
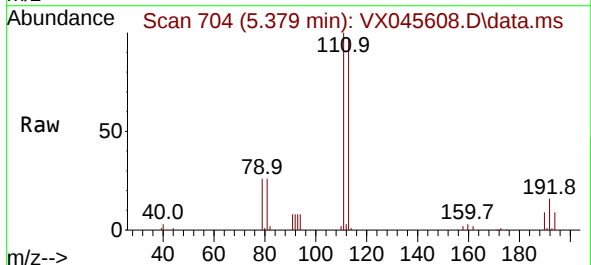
Instrument :
MSVOA_X
ClientSampleId :
TT-2

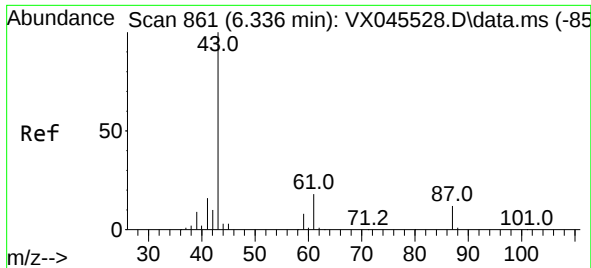
Tgt Ion:114 Resp: 133833
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

Tgt Ion:113 Resp: 48597
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 16.2 13.8 20.6





#43

Isopropyl Acetate

Concen: 2.734 ug/l

RT: 6.348 min Scan# 8

Delta R.T. 0.012 min

Lab File: VX045608.D

Acq: 04 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

TT-2

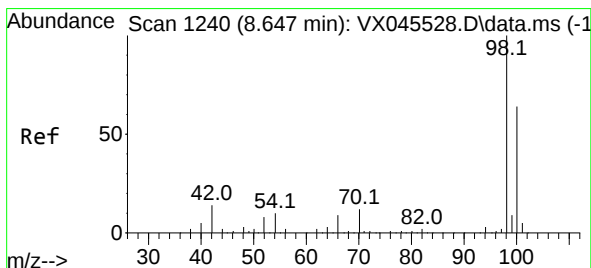
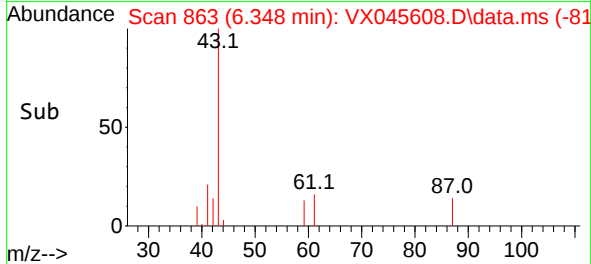
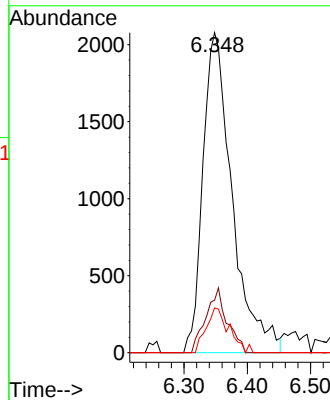
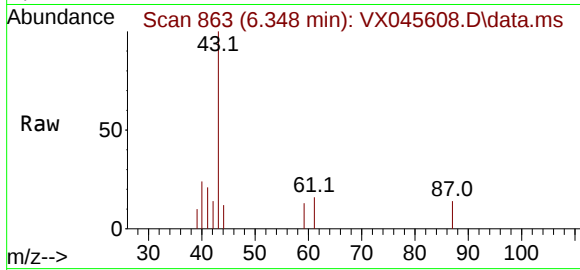
Tgt Ion: 43 Resp: 6695

Ion Ratio Lower Upper

43 100

61 14.7 14.1 21.1

87 10.9 9.2 13.8



#50

Toluene-d8

Concen: 51.625 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045608.D

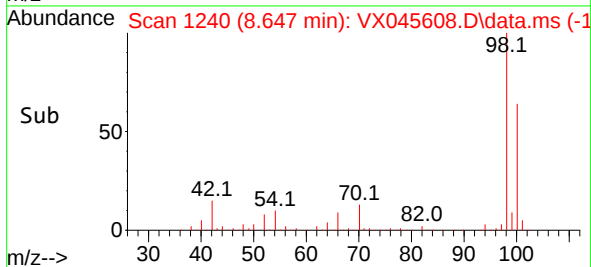
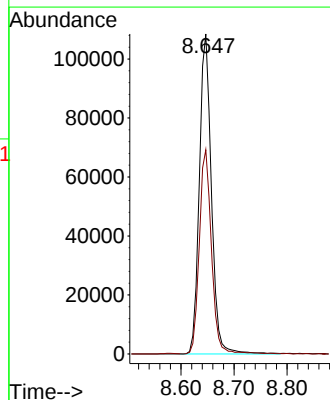
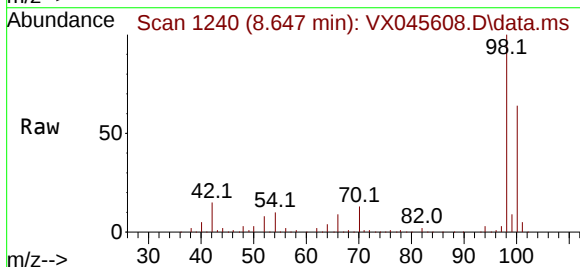
Acq: 04 Apr 2025 18:38

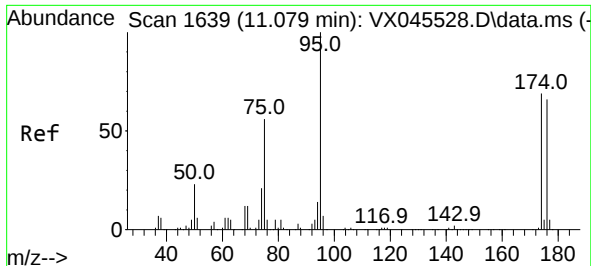
Tgt Ion: 98 Resp: 171101

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4

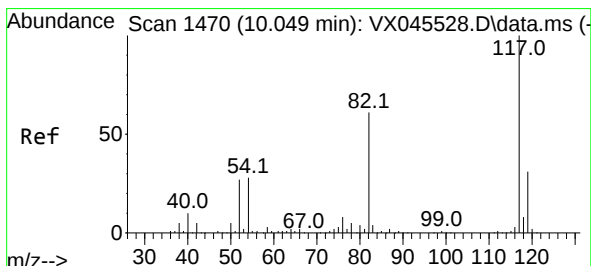
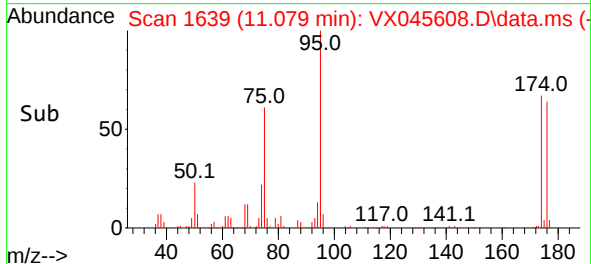
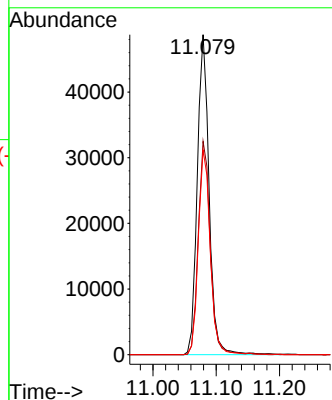
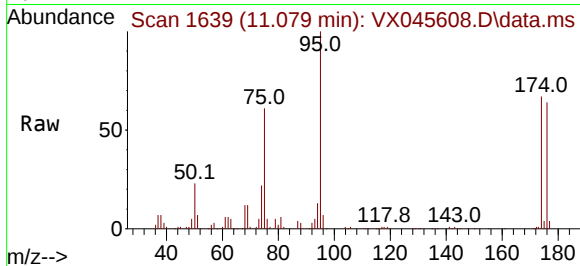




#62
4-Bromofluorobenzene
Concen: 52.577 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

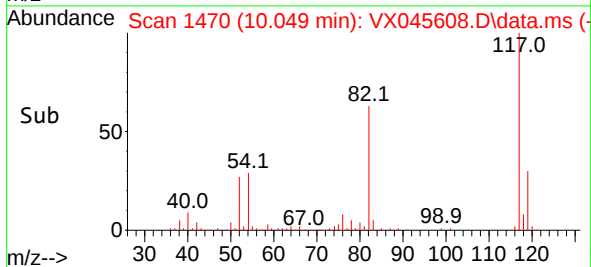
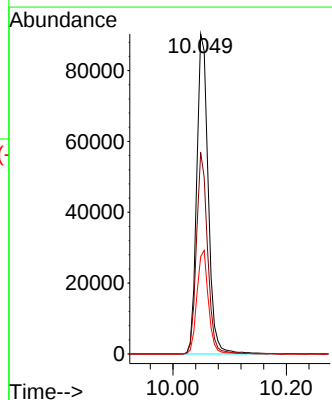
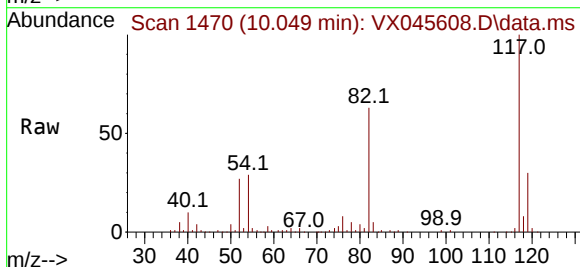
Instrument :
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Tgt Ion: 95 Resp: 63473
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045608.D
Acq: 04 Apr 2025 18:38

Tgt Ion: 117 Resp: 126923
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 30.4 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: VX045608.D

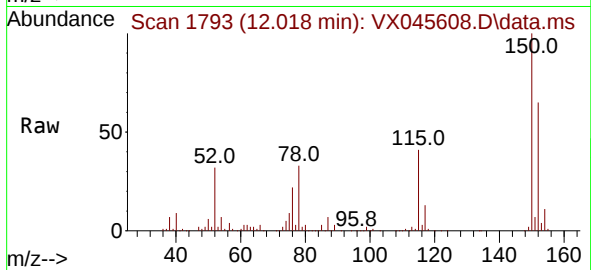
Acq: 04 Apr 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

TT-2



Tgt Ion:152 Resp: 53869

Ion Ratio Lower Upper

152 100

115 64.2 46.9 140.7

150 156.0 0.0 349.4

