

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039577.D
 Acq On : 02 Jan 2024 17:17
 Operator : JC/MD
 Sample : P1002-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1210

Quant Time: Jan 03 04:15:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

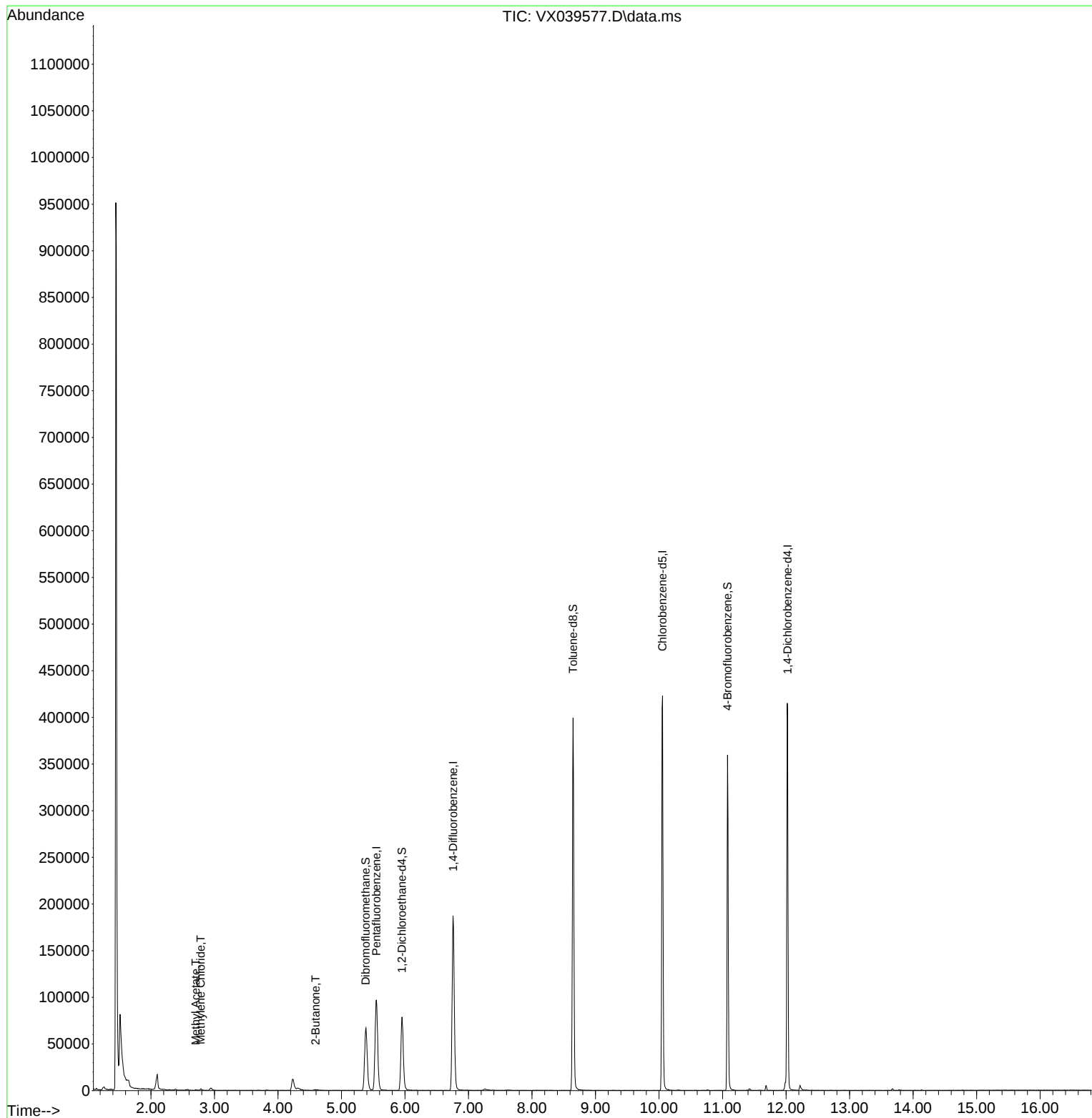
Internal Standards						
1) Pentafluorobenzene	5.550	168	86188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74908	47.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.880%
35) Dibromofluoromethane	5.379	113	58719	46.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.540%
50) Toluene-d8	8.647	98	230214	49.395	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.079	95	96876	50.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.760%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.703	43	960	0.281	ug/l #	69
20) Methylene Chloride	2.782	84	732	0.556	ug/l #	86
25) 2-Butanone	4.593	43	1591	1.168	ug/l	95

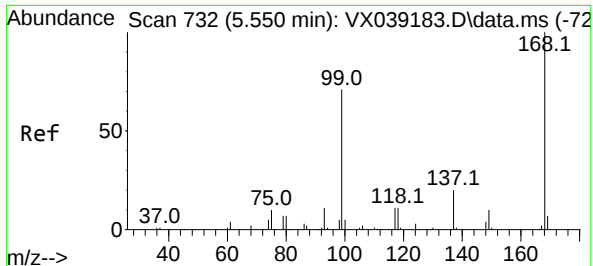
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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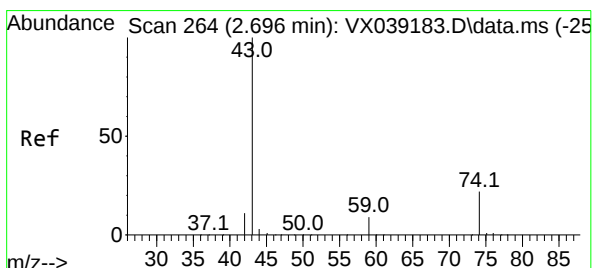
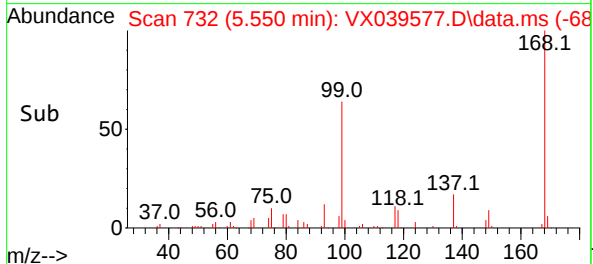
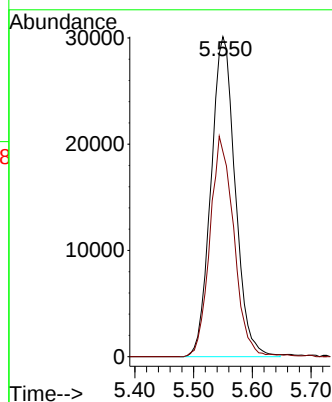
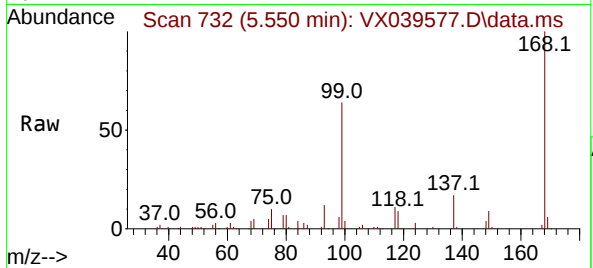




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039577.D
Acq: 02 Jan 2024 17:17

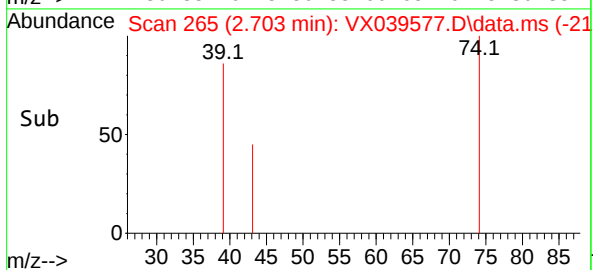
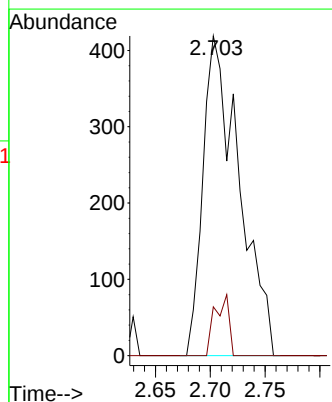
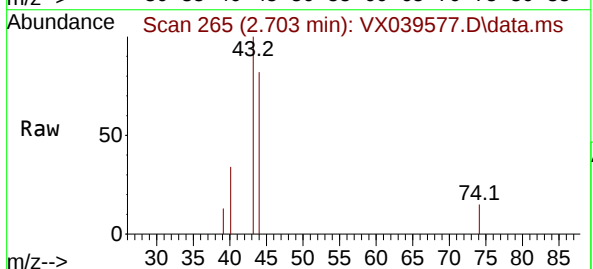
Instrument :
MSVOA_X
ClientSampleId :
1210

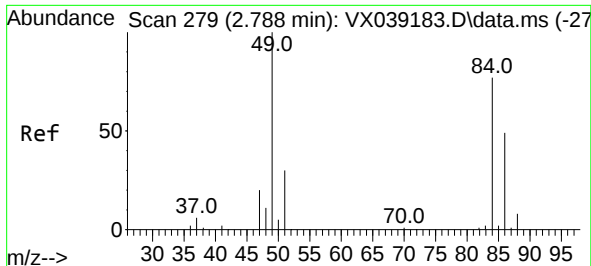
Tgt Ion:168 Resp: 86188
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0



#18
Methyl Acetate
Concen: 0.281 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039577.D
Acq: 02 Jan 2024 17:17

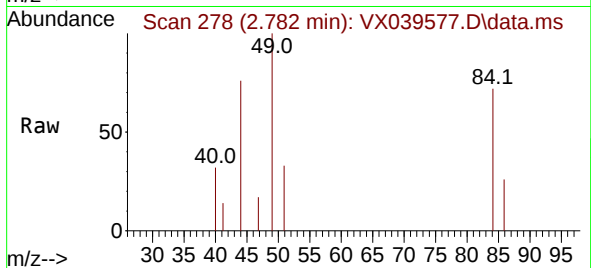
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
74 7.5 17.8 26.8#



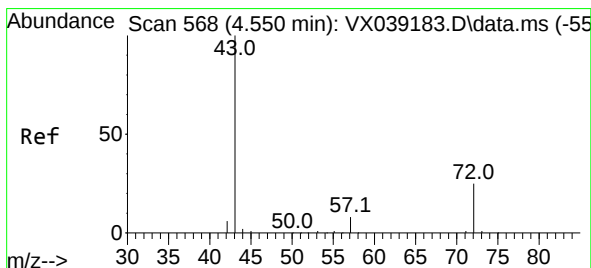
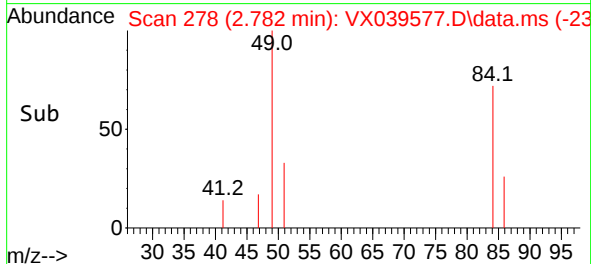
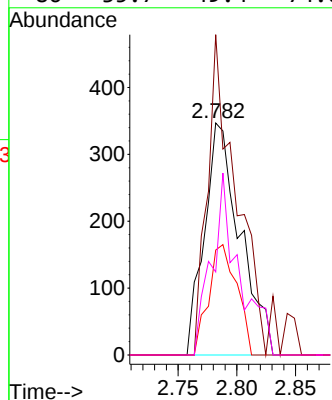


#20
Methylene Chloride
Concen: 0.556 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039577.D
Acq: 02 Jan 2024 17:17

Instrument :
MSVOA_X
ClientSampleId :
1210

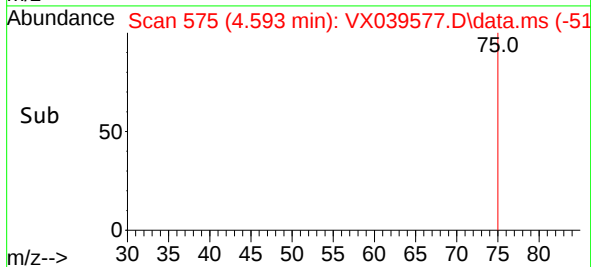
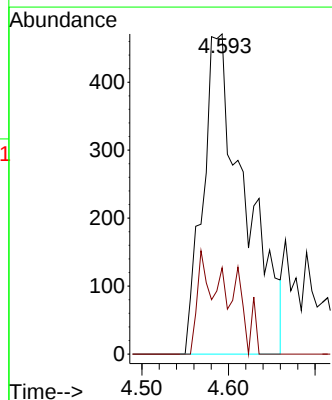
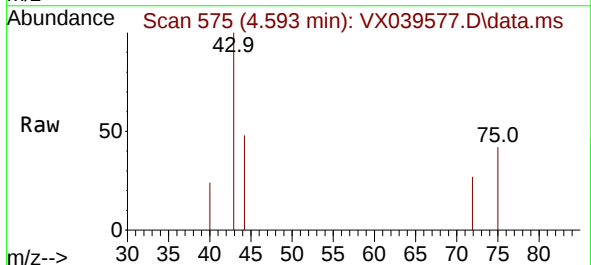


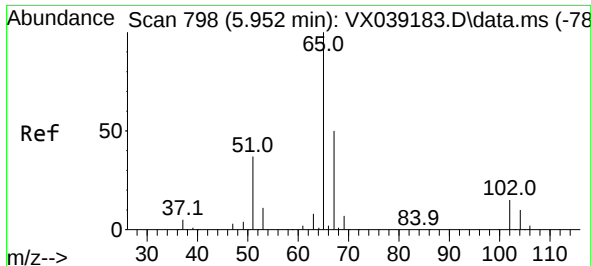
Tgt Ion:	84	Resp:	732
Ion	Ratio	Lower	Upper
84	100		
49	138.0	103.6	155.4
51	45.2	33.8	50.6
86	35.7	49.4	74.0



#25
2-Butanone
Concen: 1.168 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.043 min
Lab File: VX039577.D
Acq: 02 Jan 2024 17:17

Tgt Ion:	43	Resp:	1591
Ion	Ratio	Lower	Upper
43	100		
72	27.0	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 47.443 ug/l

RT: 5.952 min Scan# 749

Delta R.T. 0.000 min

Lab File: VX039577.D

Acq: 02 Jan 2024 17:17

Instrument :

MSVOA_X

ClientSampleId :

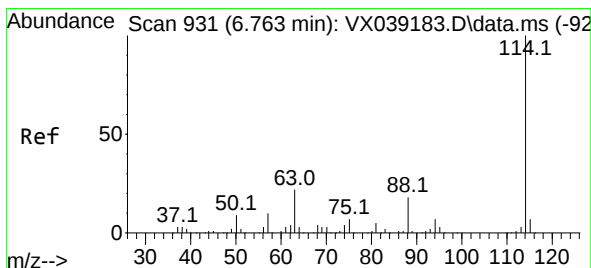
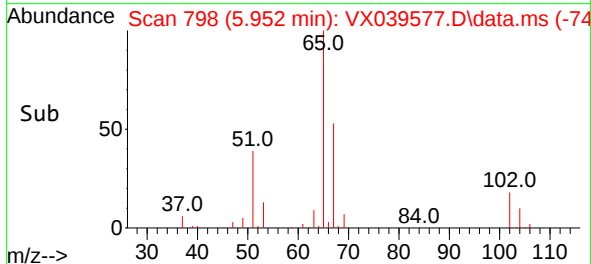
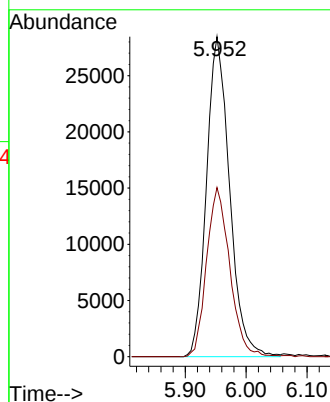
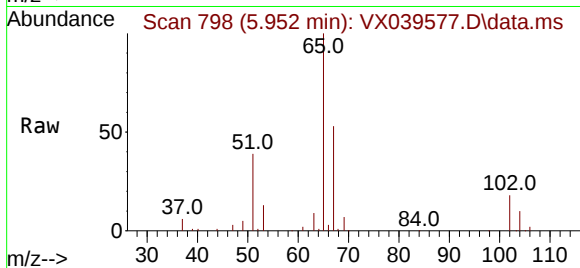
1210

Tgt Ion: 65 Resp: 74908

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039577.D

Acq: 02 Jan 2024 17:17

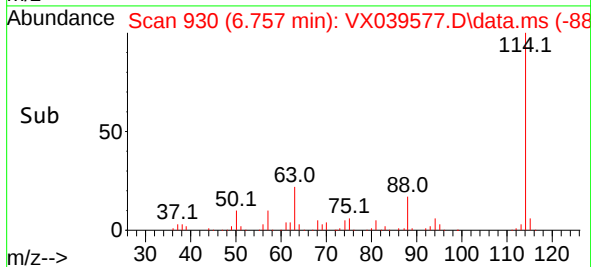
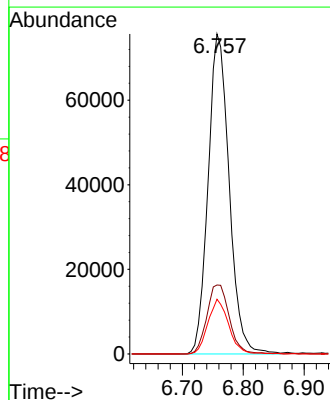
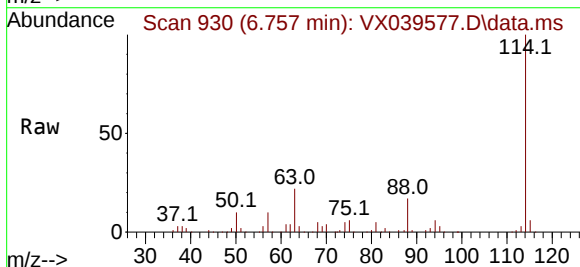
Tgt Ion: 114 Resp: 181719

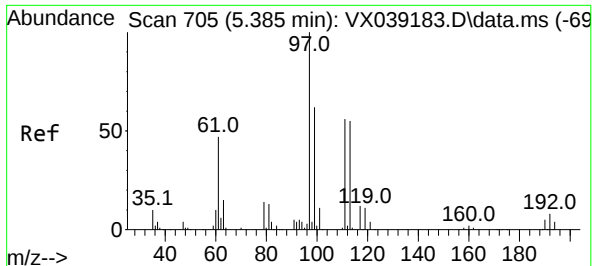
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

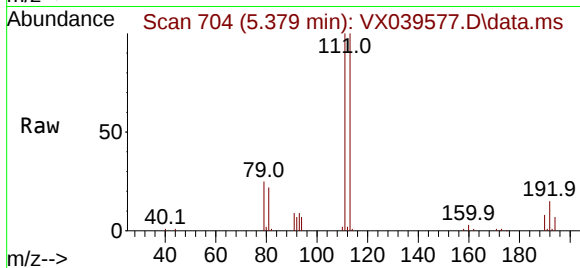
88 17.1 0.0 36.6



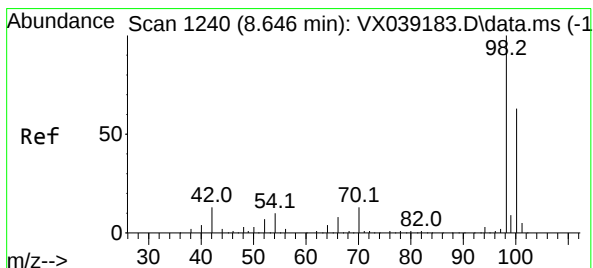
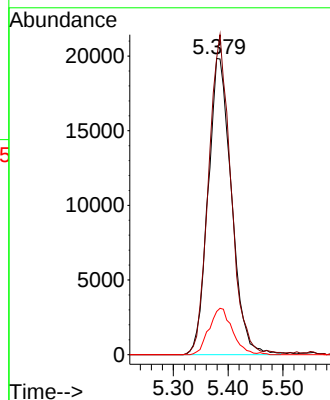
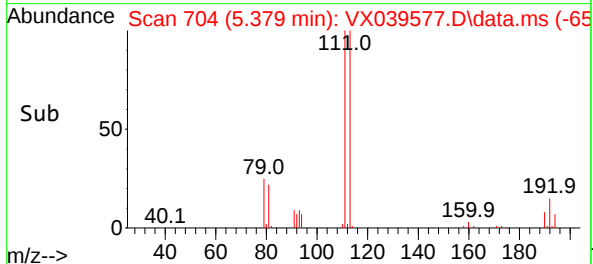


#35
Dibromofluoromethane
Concen: 46.773 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039577.D
Acq: 02 Jan 2024 17:17

Instrument :
MSVOA_X
ClientSampleId :
1210

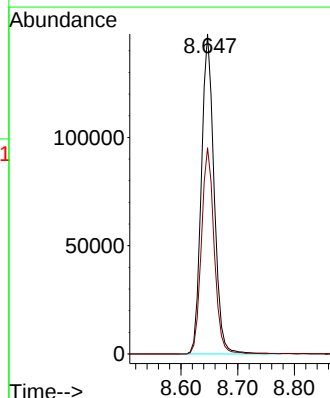
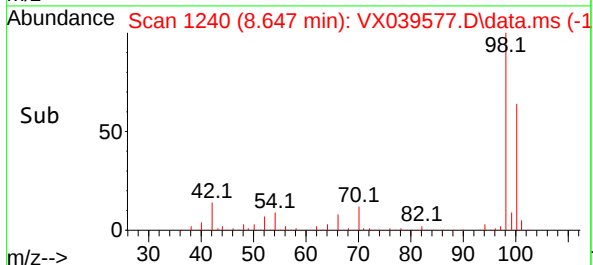
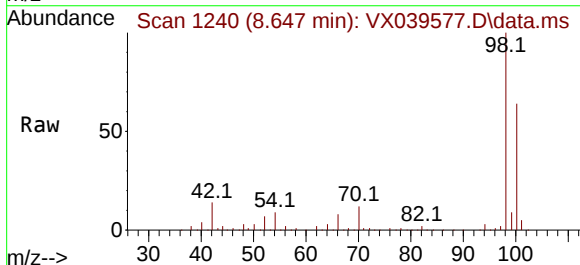


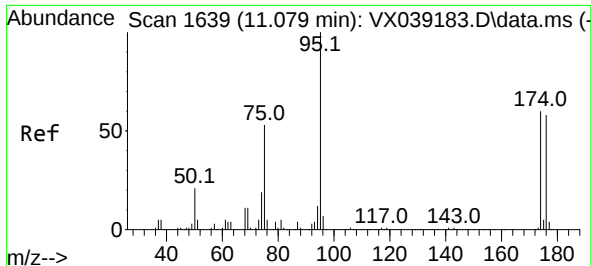
Tgt Ion:113 Resp: 58719
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.5 13.3 19.9



#50
Toluene-d8
Concen: 49.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039577.D
Acq: 02 Jan 2024 17:17

Tgt Ion: 98 Resp: 230214
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.378 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039577.D

Acq: 02 Jan 2024 17:17

Instrument :

MSVOA_X

ClientSampleId :

1210

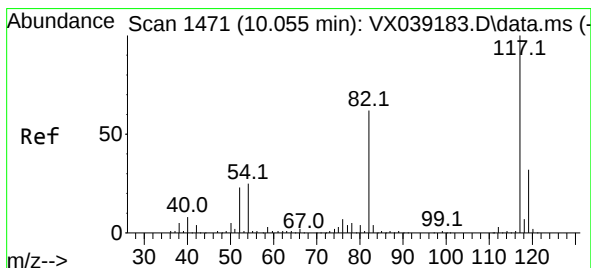
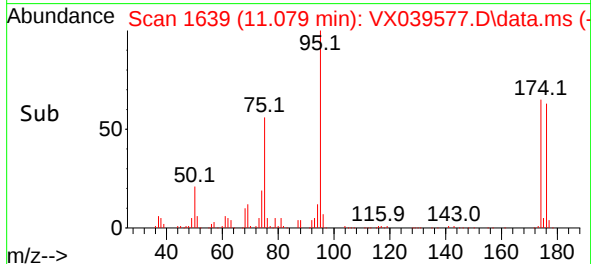
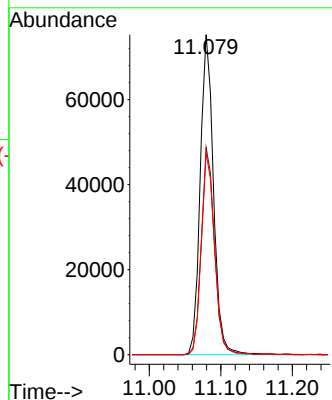
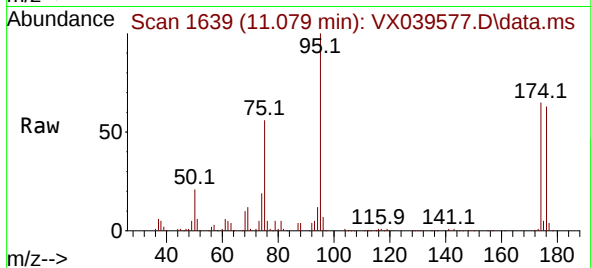
Tgt Ion: 95 Resp: 96876

Ion Ratio Lower Upper

95 100

174 64.6 0.0 135.6

176 62.8 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039577.D

Acq: 02 Jan 2024 17:17

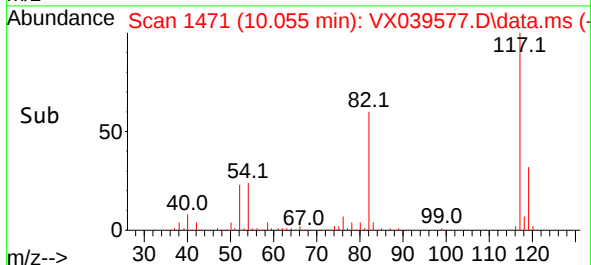
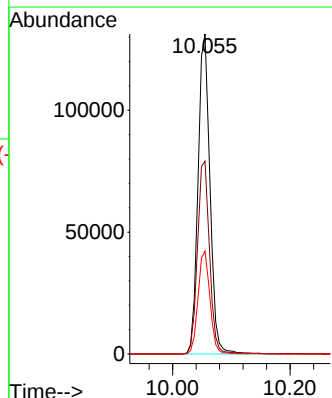
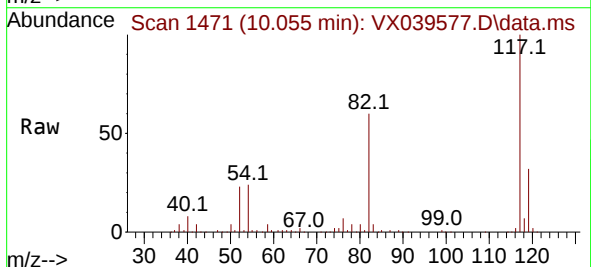
Tgt Ion: 117 Resp: 185167

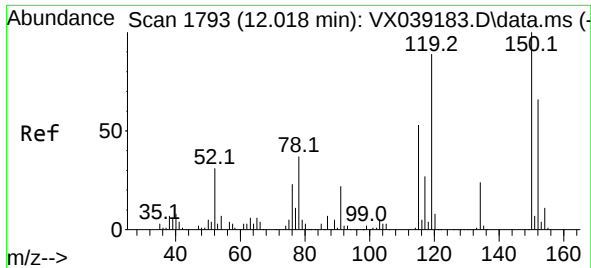
Ion Ratio Lower Upper

117 100

82 60.2 46.2 69.4

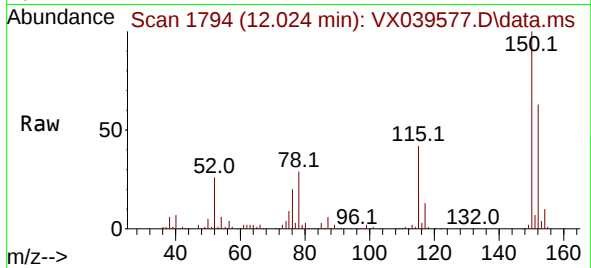
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039577.D
 Acq: 02 Jan 2024 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 1210



Tgt Ion:152	Resp:	80684
Ion	Ratio	Lower Upper
152	100	
115	67.5	43.3 129.9
150	156.3	0.0 345.0

