

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035959.D
 Acq On : 01 Jun 2023 15:01
 Operator : JC/MD
 Sample : 02997-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DMA-1103

Quant Time: Jun 02 01:41:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

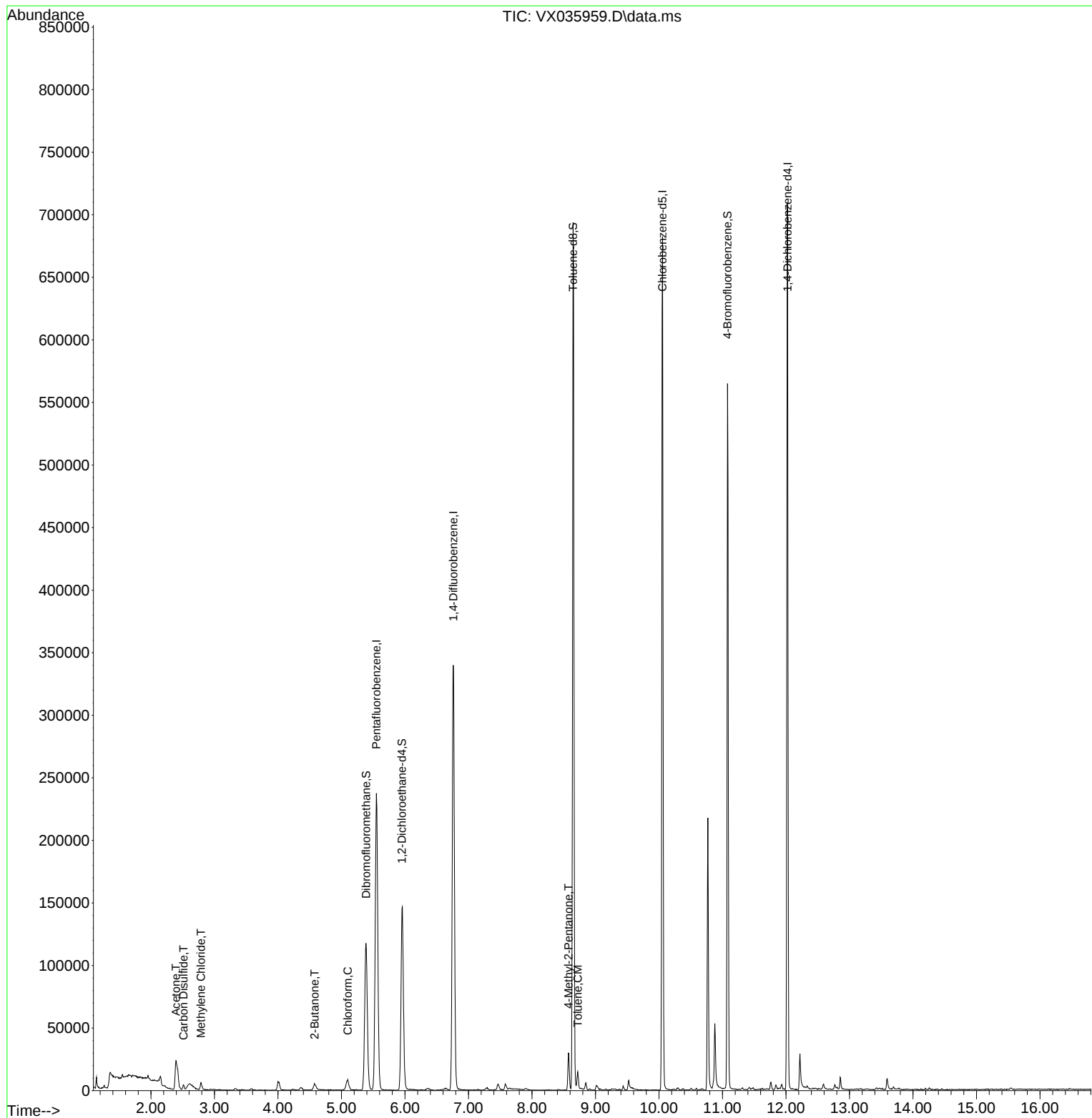
Internal Standards						
1) Pentafluorobenzene	5.550	168	209742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	342815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143705	42.193	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.380%
35) Dibromofluoromethane	5.385	113	104253	45.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.420%
50) Toluene-d8	8.647	98	396725	47.941	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.880%
62) 4-Bromofluorobenzene	11.079	95	150533	46.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.160%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	33414	23.780	ug/l	96
17) Carbon Disulfide	2.514	76	4433	0.841	ug/l	97
20) Methylene Chloride	2.788	84	2400	0.887	ug/l #	85
25) 2-Butanone	4.574	43	9794	4.870	ug/l	94
30) Chloroform	5.099	83	9270	1.929	ug/l	87
51) 4-Methyl-2-Pentanone	8.574	43	17866	5.199	ug/l	97
52) Toluene	8.720	92	4713	0.812	ug/l	94

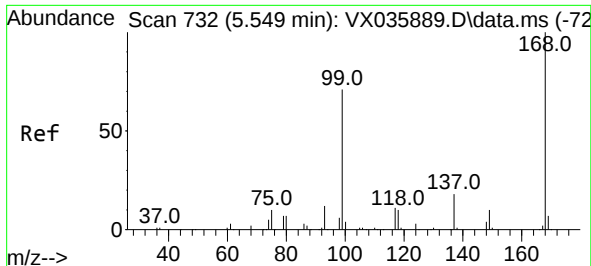
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
Data File : VX035959.D
Acq On : 01 Jun 2023 15:01
Operator : JC/MD
Sample : 02997-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

Quant Time: Jun 02 01:41:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

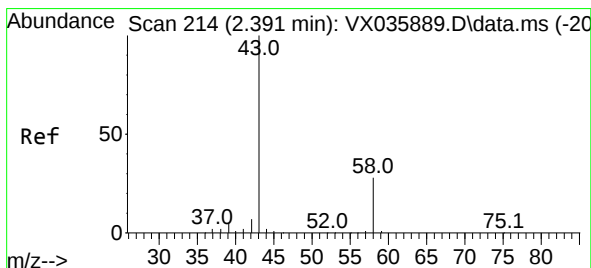
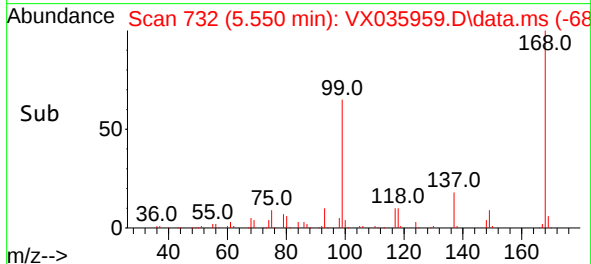
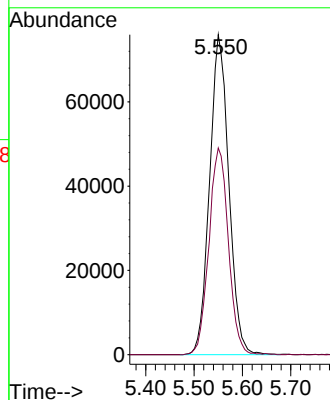
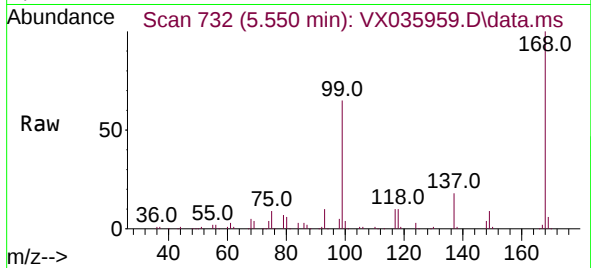




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

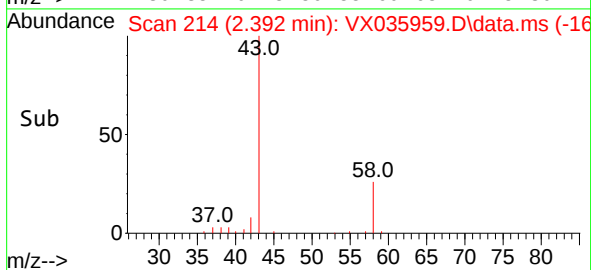
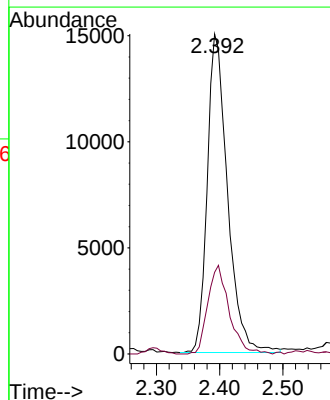
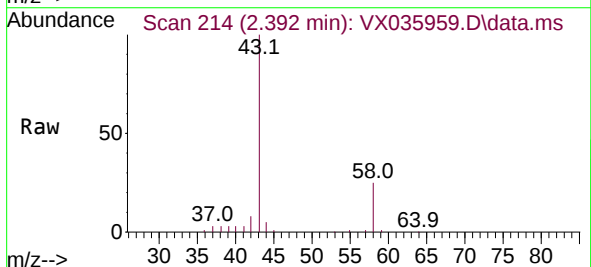
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

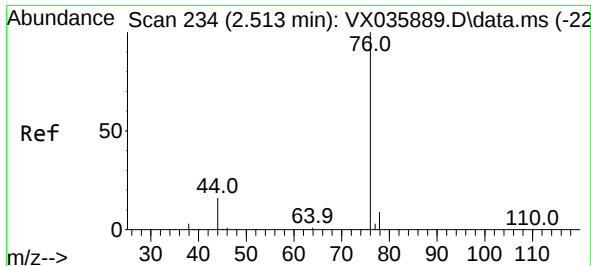
Tgt Ion:168 Resp: 209742
Ion Ratio Lower Upper
168 100
99 64.6 57.0 85.6



#16
Acetone
Concen: 23.780 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 43 Resp: 33414
Ion Ratio Lower Upper
43 100
58 25.6 22.2 33.2

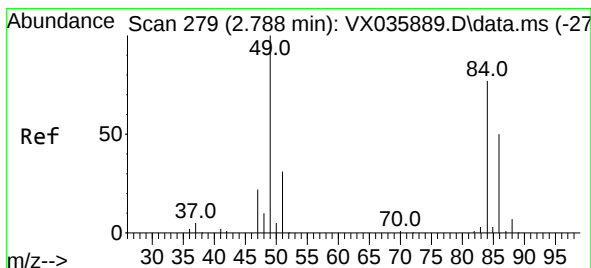
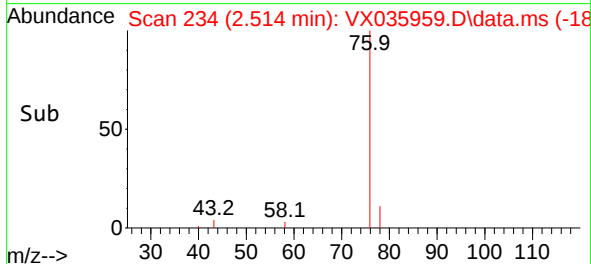
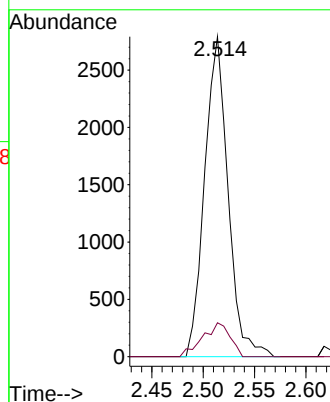
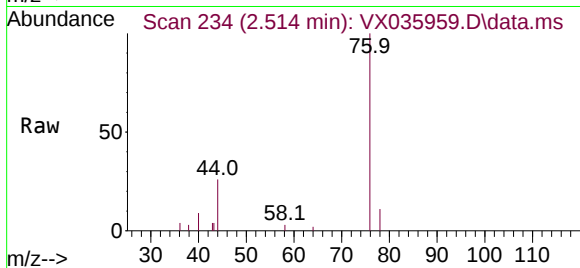




#17
Carbon Disulfide
Concen: 0.841 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

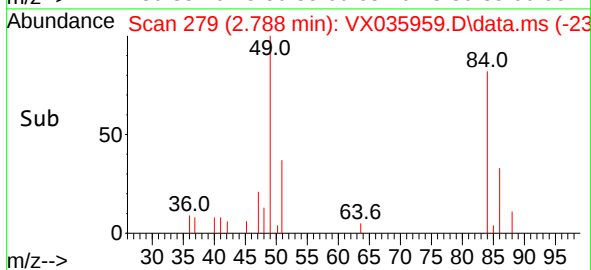
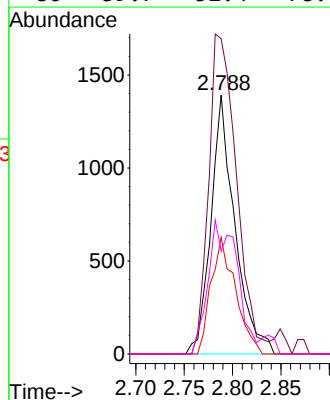
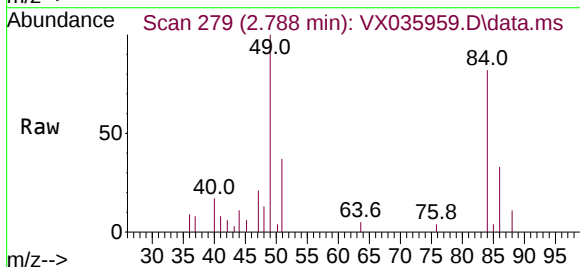
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

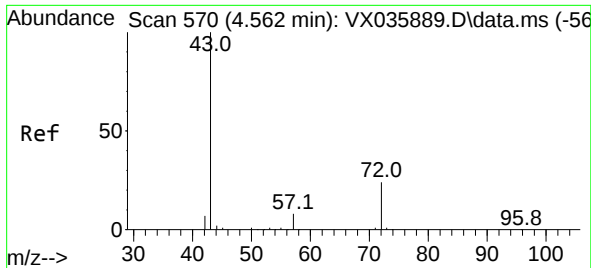
Tgt Ion: 76 Resp: 4433
Ion Ratio Lower Upper
76 100
78 10.6 7.6 11.4



#20
Methylene Chloride
Concen: 0.887 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 84 Resp: 2400
Ion Ratio Lower Upper
84 100
49 121.8 104.6 156.8
51 45.0 32.2 48.4
86 39.7 52.4 78.6#

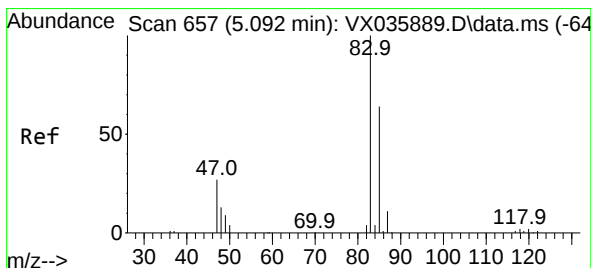
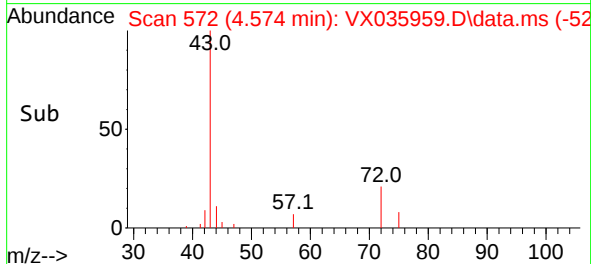
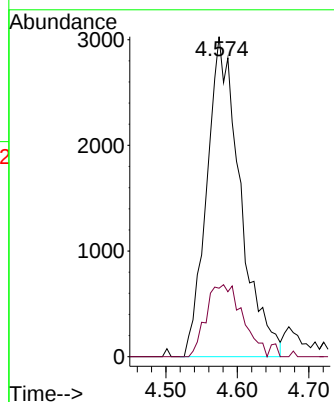
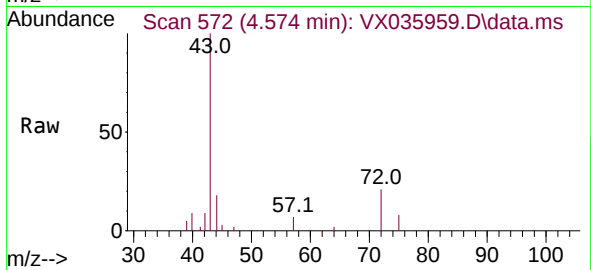




#25
2-Butanone
Concen: 4.870 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

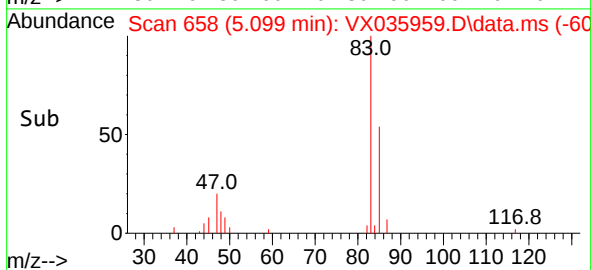
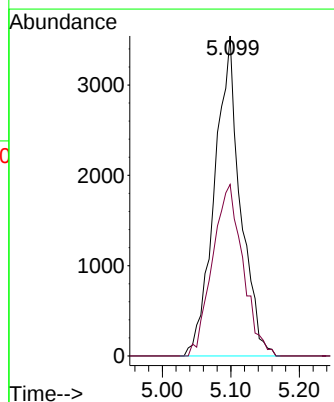
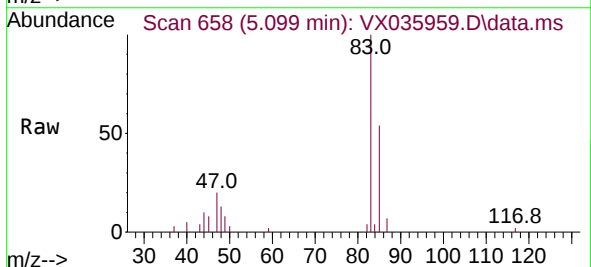
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

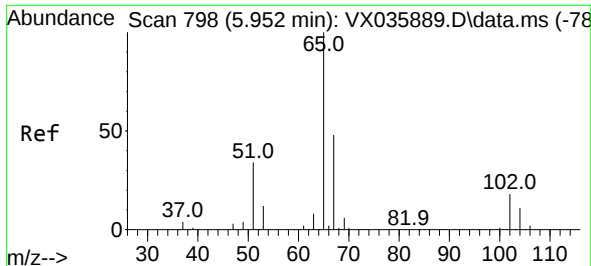
Tgt Ion: 43 Resp: 9794
Ion Ratio Lower Upper
43 100
72 21.4 19.4 29.2



#30
Chloroform
Concen: 1.929 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 83 Resp: 9270
Ion Ratio Lower Upper
83 100
85 53.6 51.0 76.4

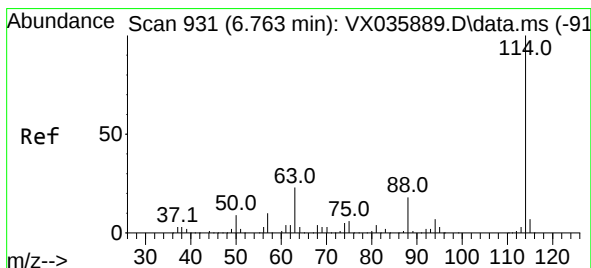
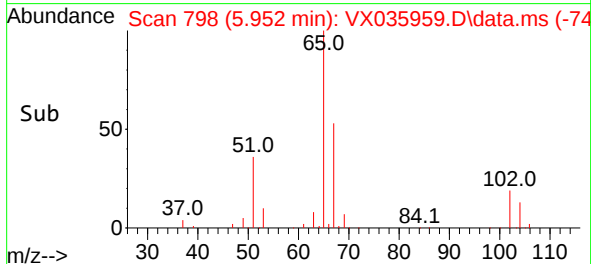
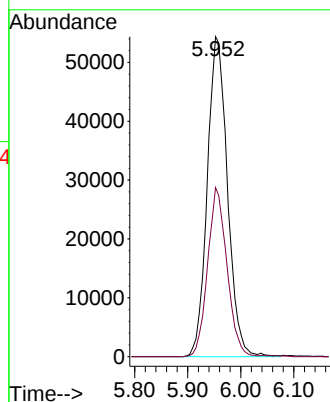
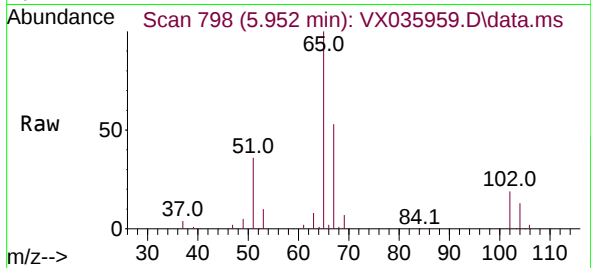




#33
 1,2-Dichloroethane-d4
 Concen: 42.193 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035959.D
 Acq: 01 Jun 2023 15:01

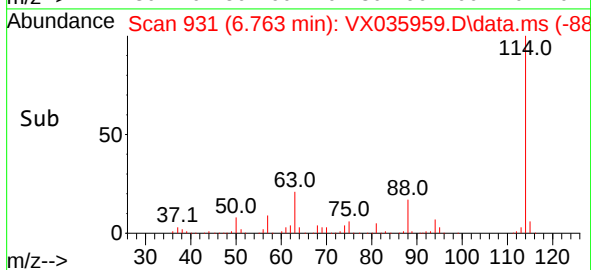
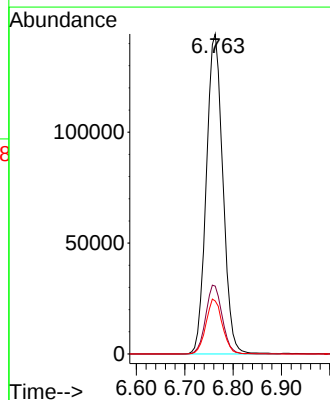
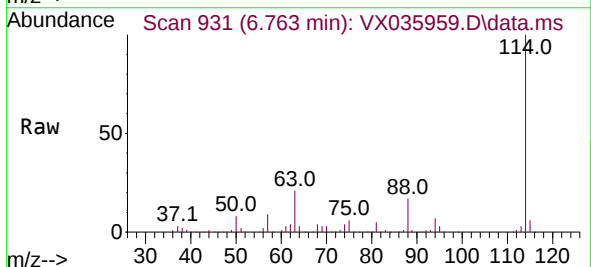
Instrument :
 MSVOA_X
 ClientSampleId :
 DMA-1103

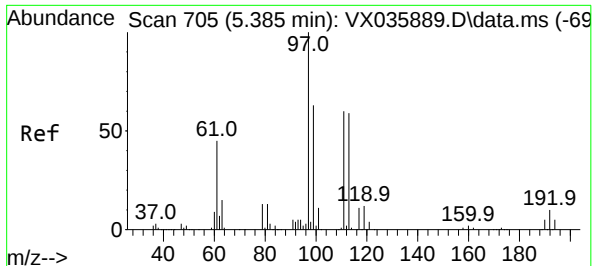
Tgt Ion: 65 Resp: 143705
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035959.D
 Acq: 01 Jun 2023 15:01

Tgt Ion: 114 Resp: 342815
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 46.0
 88 16.5 0.0 35.2

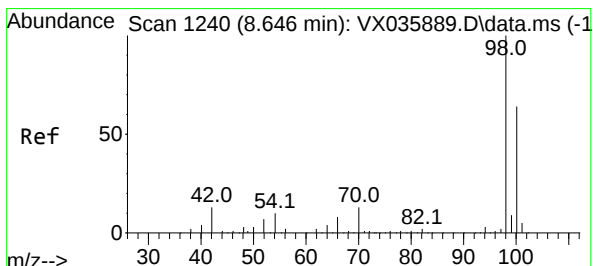
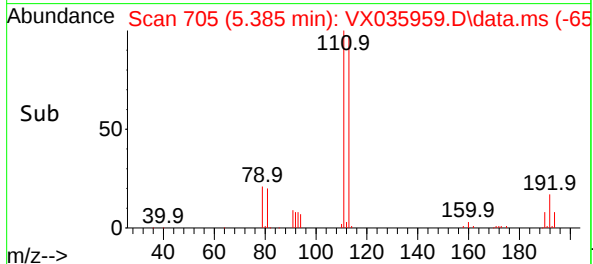
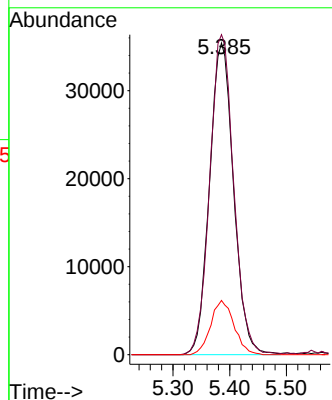
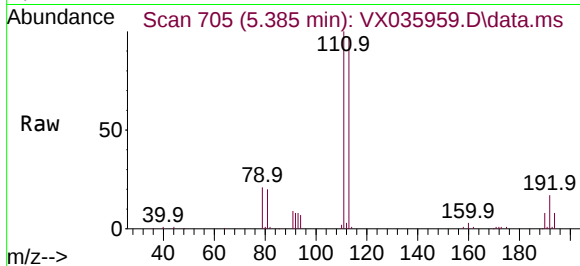




#35
Dibromofluoromethane
Concen: 45.214 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

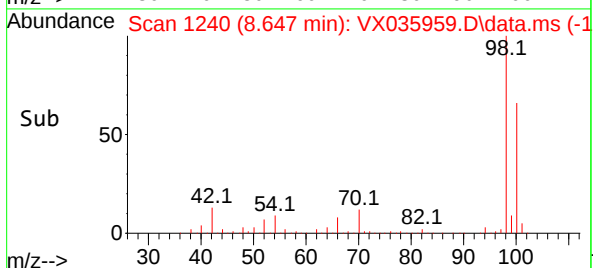
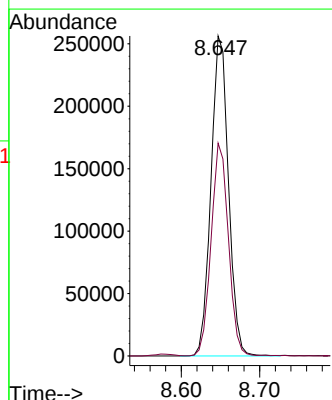
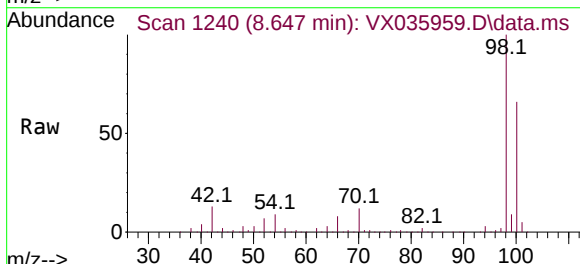
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

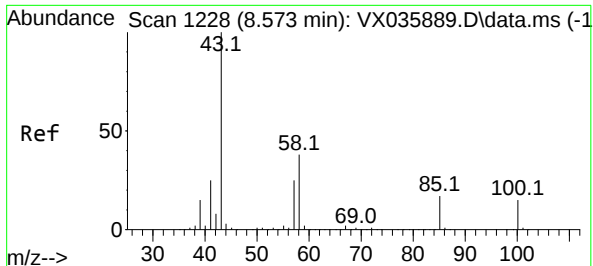
Tgt Ion:113 Resp: 104253
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 16.9 13.5 20.3



#50
Toluene-d8
Concen: 47.941 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 98 Resp: 396725
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 5.199 ug/l

RT: 8.574 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035959.D

Acq: 01 Jun 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

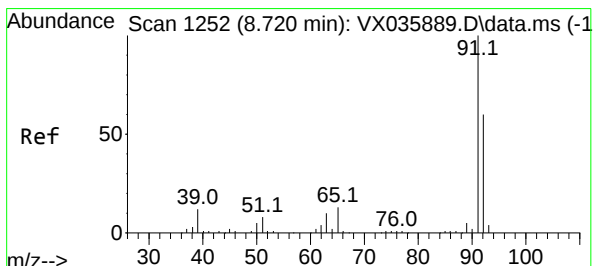
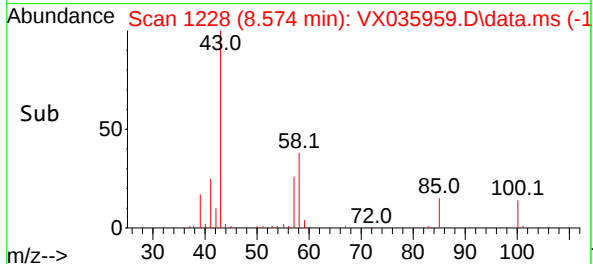
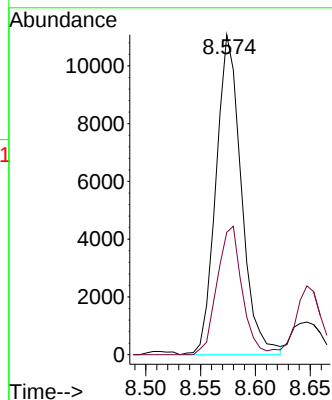
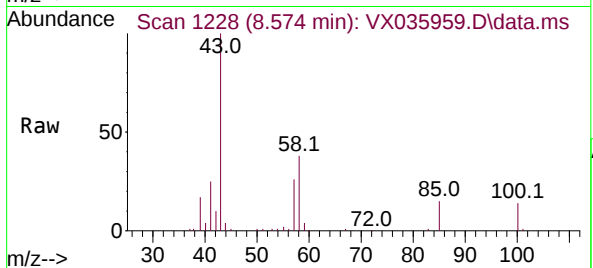
DMA-1103

Tgt Ion: 43 Resp: 17866

Ion Ratio Lower Upper

43 100

58 39.2 30.1 45.1



#52

Toluene

Concen: 0.812 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035959.D

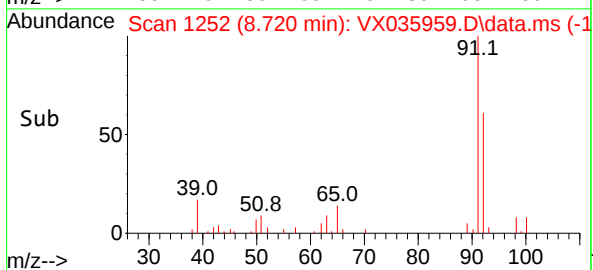
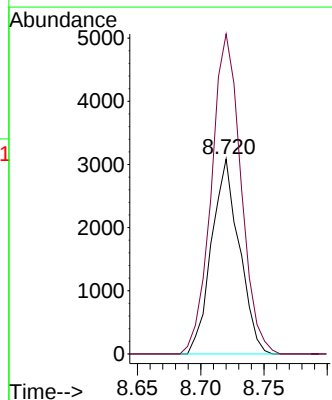
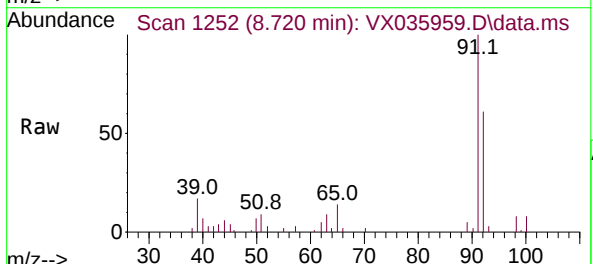
Acq: 01 Jun 2023 15:01

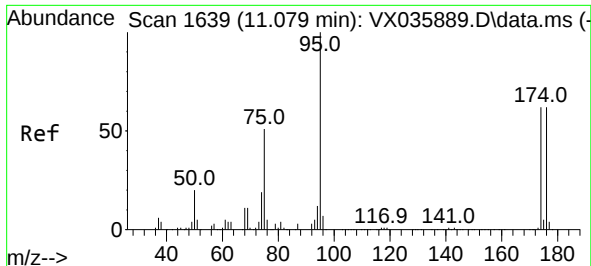
Tgt Ion: 92 Resp: 4713

Ion Ratio Lower Upper

92 100

91 174.5 133.5 200.3





#62

4-Bromofluorobenzene

Concen: 46.081 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035959.D

Acq: 01 Jun 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

DMA-1103

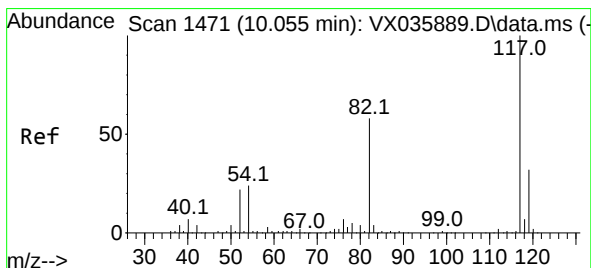
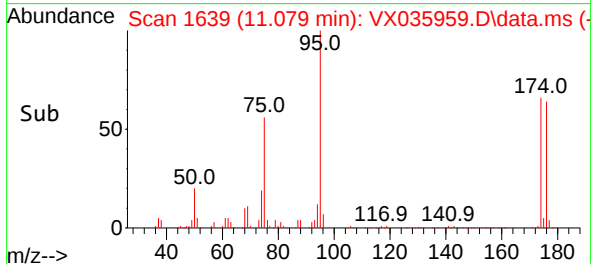
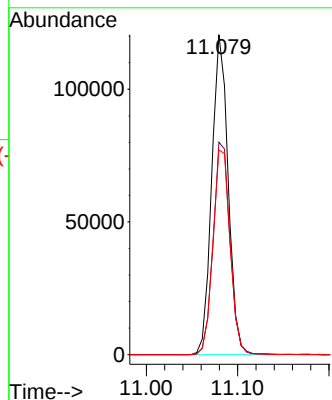
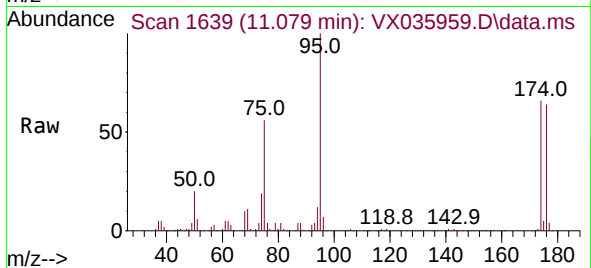
Tgt Ion: 95 Resp: 150533

Ion Ratio Lower Upper

95 100

174 68.0 0.0 132.6

176 67.2 0.0 128.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035959.D

Acq: 01 Jun 2023 15:01

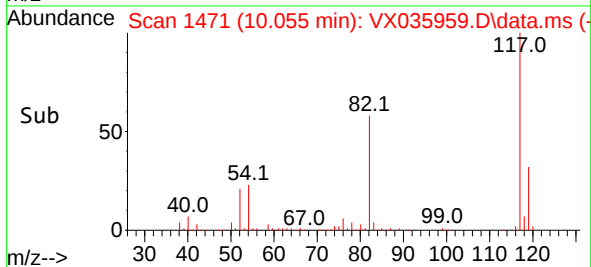
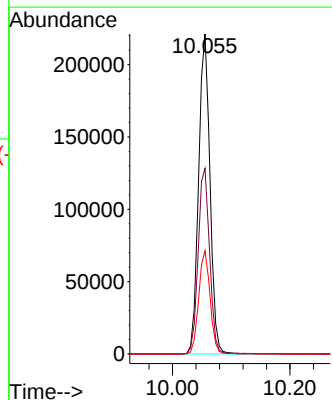
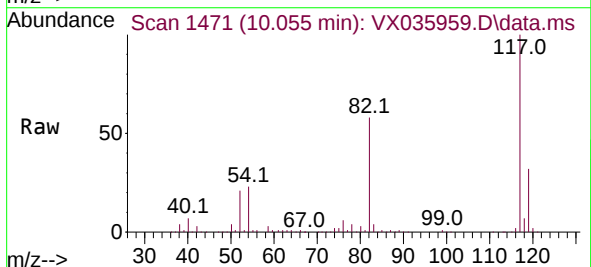
Tgt Ion: 117 Resp: 297183

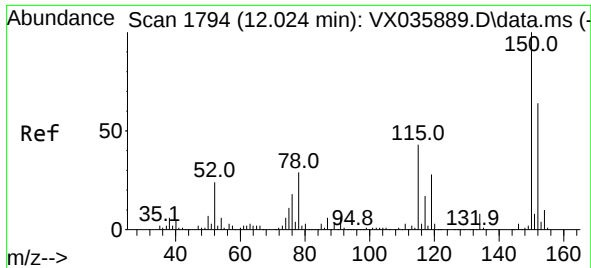
Ion Ratio Lower Upper

117 100

82 58.0 46.6 69.8

119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035959.D

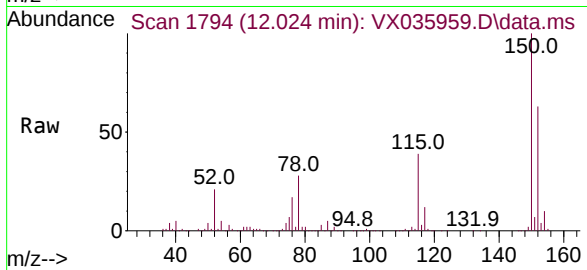
Acq: 01 Jun 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

DMA-1103



Tgt Ion:152 Resp: 139610

Ion Ratio Lower Upper

152 100

115 65.7 45.5 136.5

150 158.6 0.0 345.2

