

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029243.D
 Acq On : 06 Jun 2022 17:07
 Operator : JC/MD
 Sample : N3160-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 07 06:05:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

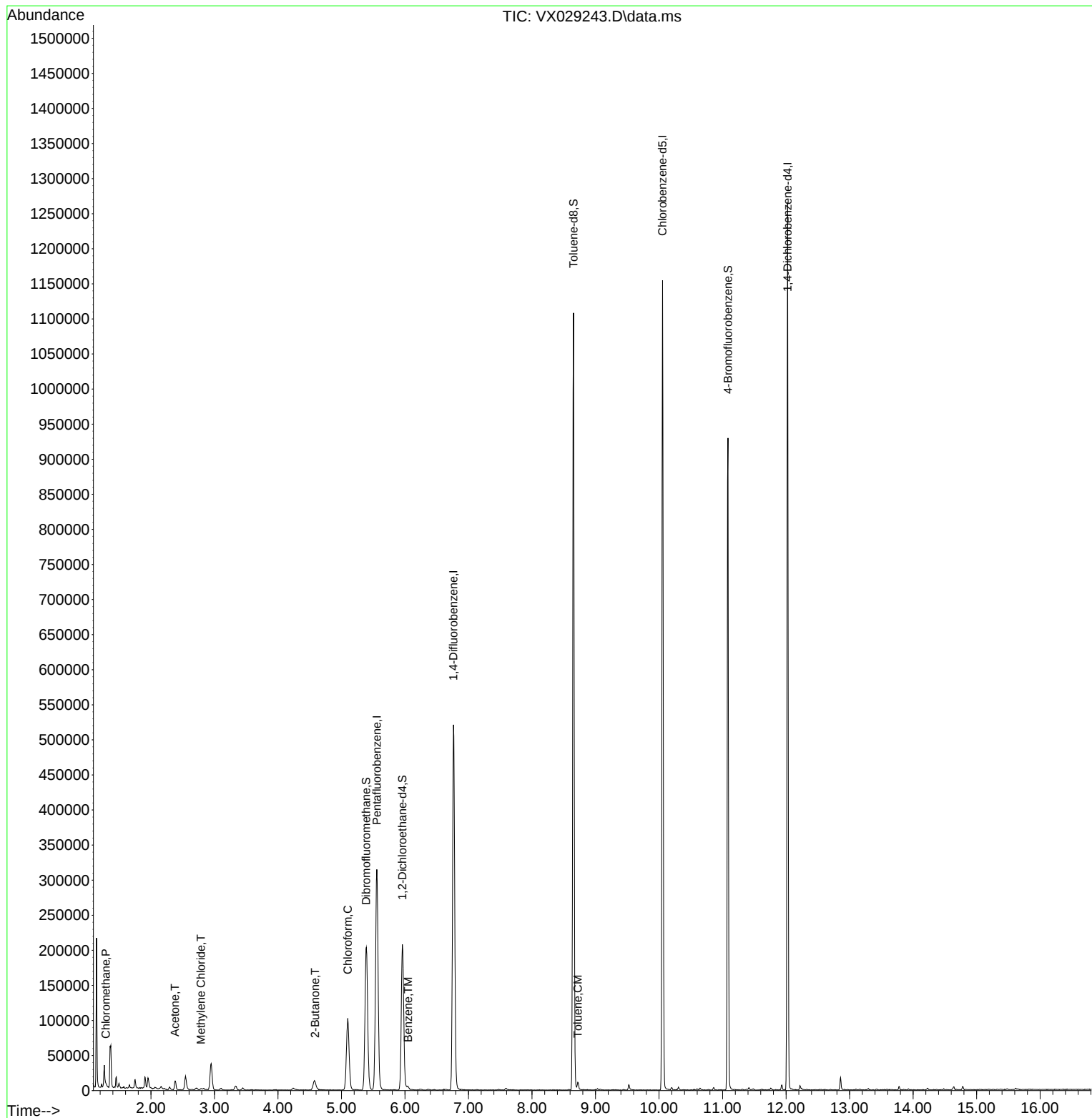
Internal Standards						
1) Pentafluorobenzene	5.556	168	291000	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	545608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	538165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202387	61.676	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 123.360%	
35) Dibromofluoromethane	5.385	113	185243	51.115	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.220%	
50) Toluene-d8	8.653	98	654631	49.389	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	11.085	95	262074	51.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	987	0.373	ug/l	# 87
16) Acetone	2.380	43	13944	10.791	ug/l	98
20) Methylene Chloride	2.788	84	819	0.272	ug/l	# 91
25) 2-Butanone	4.586	43	7011	3.364	ug/l	# 66
30) Chloroform	5.099	83	125154	23.160	ug/l	95
40) Benzene	6.050	78	5078	0.368	ug/l	# 87
52) Toluene	8.720	92	3959	0.429	ug/l	96

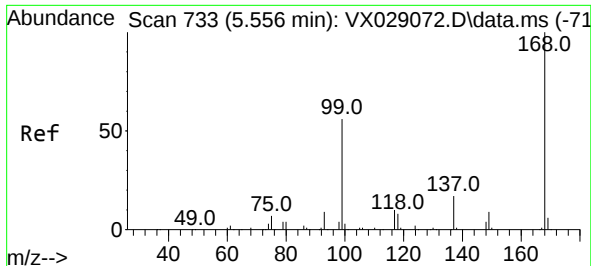
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

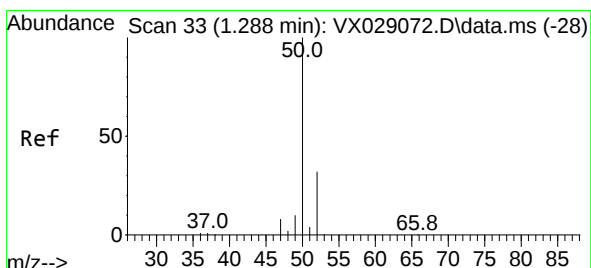
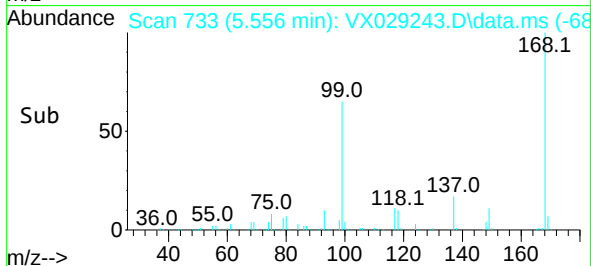
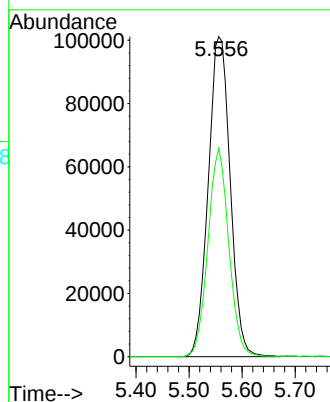
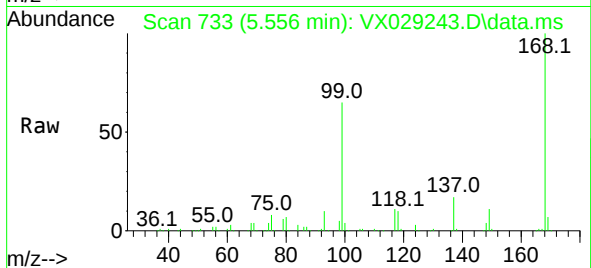




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

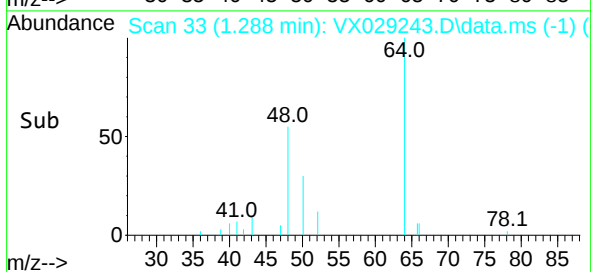
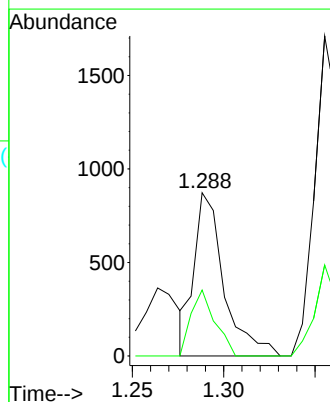
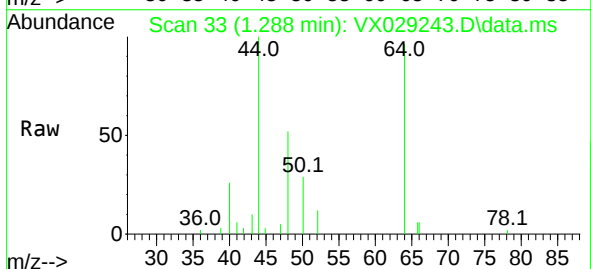
Instrument :
MSVOA_X
ClientSampleId :
MW-4

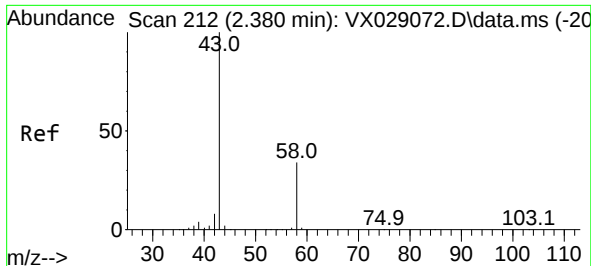
Tgt Ion:168 Resp: 291000
Ion Ratio Lower Upper
168 100
99 65.0 41.7 62.5#



#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

Tgt Ion: 50 Resp: 987
Ion Ratio Lower Upper
50 100
52 40.4 26.4 39.6#

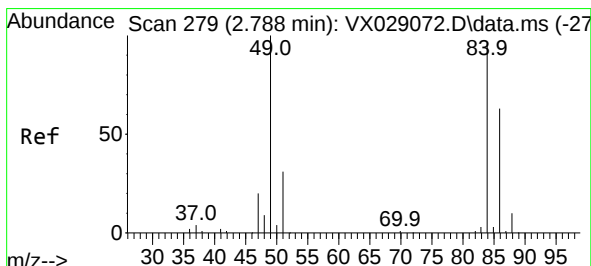
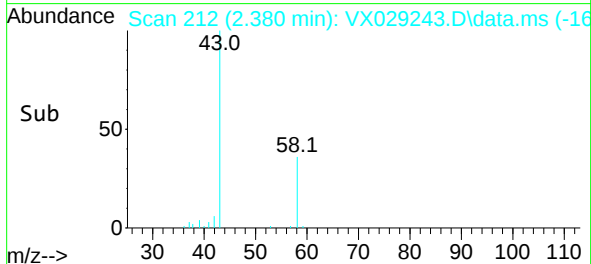
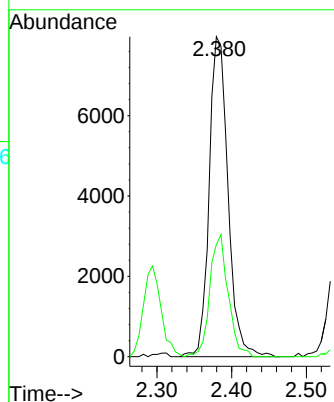
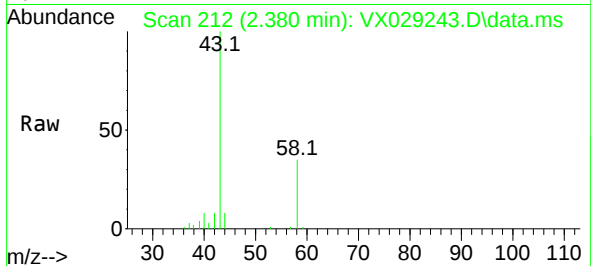




#16
Acetone
Concen: 10.791 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

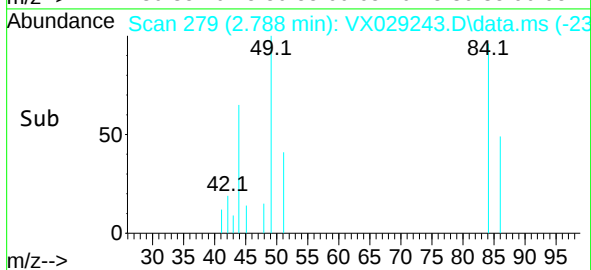
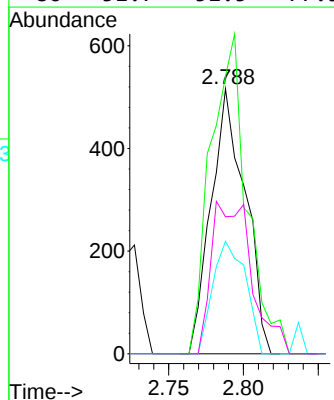
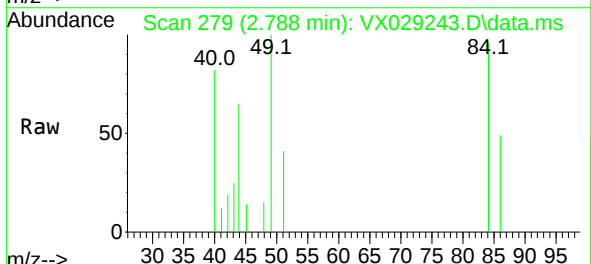
Instrument :
MSVOA_X
ClientSampleId :
MW-4

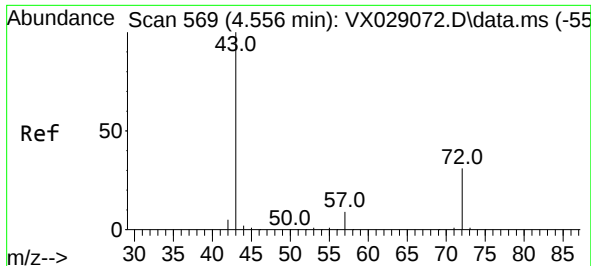
Tgt Ion: 43 Resp: 13944
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

Tgt Ion: 84 Resp: 819
Ion Ratio Lower Upper
84 100
49 104.7 85.5 128.3
51 42.4 26.6 39.8#
86 51.7 51.5 77.3





#25

2-Butanone

Concen: 3.364 ug/l

RT: 4.586 min Scan# 5

Delta R.T. 0.030 min

Lab File: VX029243.D

Acq: 06 Jun 2022 17:07

Instrument :

MSVOA_X

ClientSampleId :

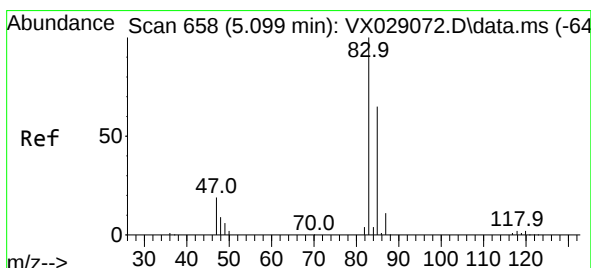
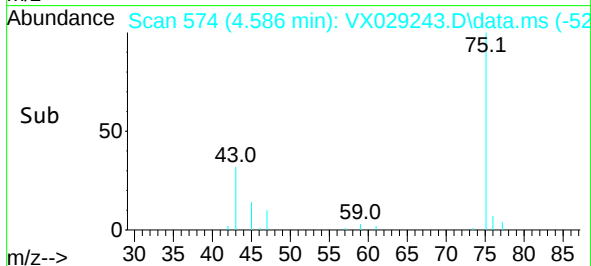
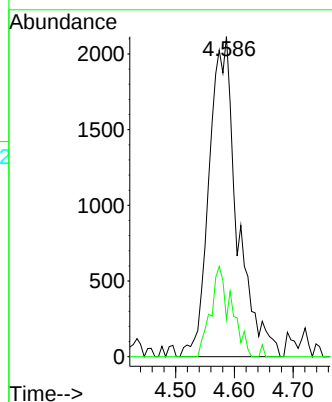
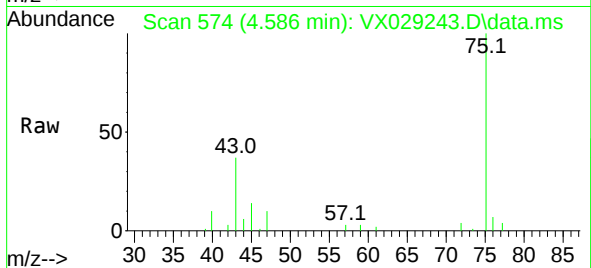
MW-4

Tgt Ion: 43 Resp: 7011

Ion Ratio Lower Upper

43 100

72 11.7 24.4 36.6#



#30

Chloroform

Concen: 23.160 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX029243.D

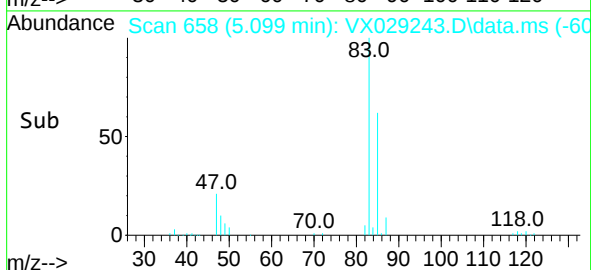
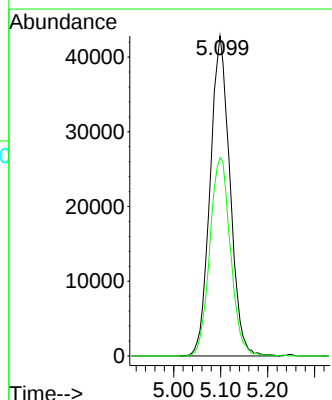
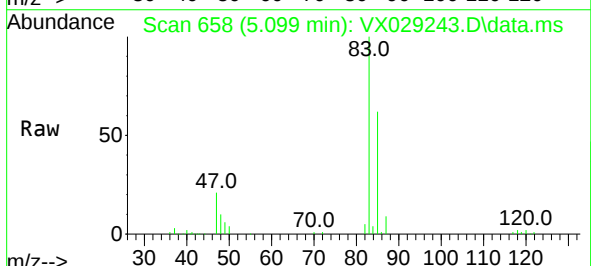
Acq: 06 Jun 2022 17:07

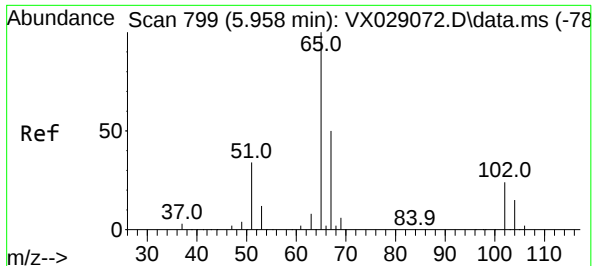
Tgt Ion: 83 Resp: 125154

Ion Ratio Lower Upper

83 100

85 61.9 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 61.676 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029243.D

Acq: 06 Jun 2022 17:07

Instrument :

MSVOA_X

ClientSampleId :

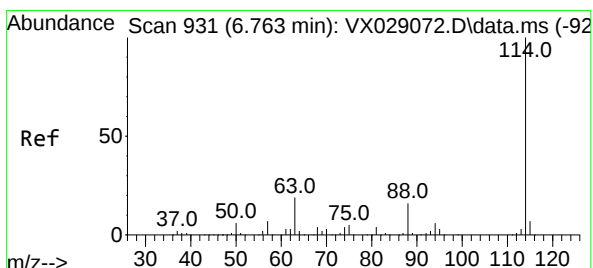
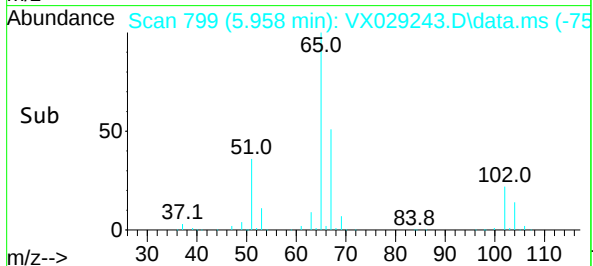
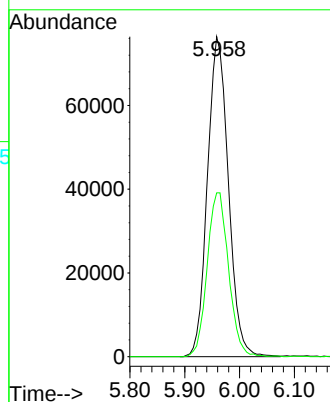
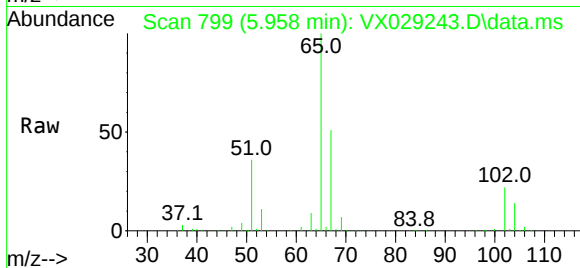
MW-4

Tgt Ion: 65 Resp: 202387

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029243.D

Acq: 06 Jun 2022 17:07

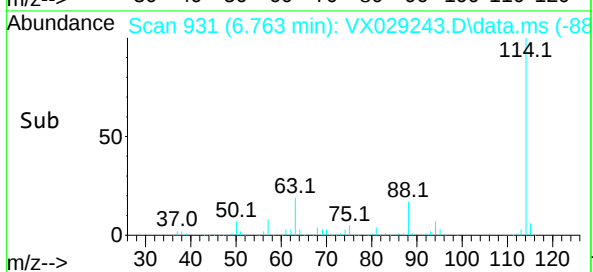
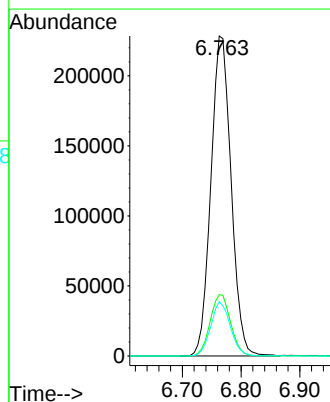
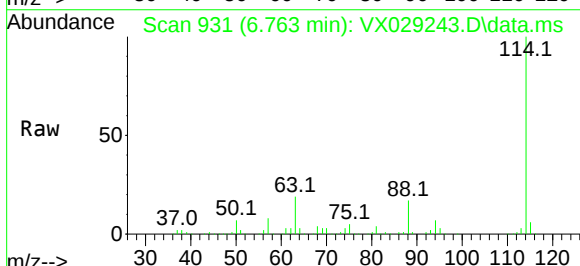
Tgt Ion: 114 Resp: 545608

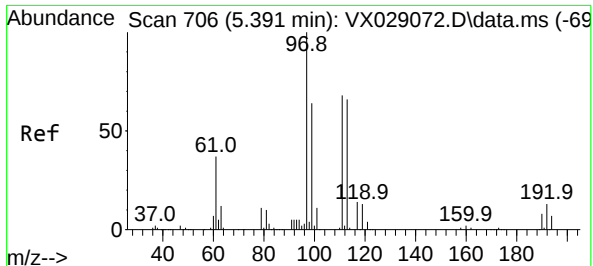
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

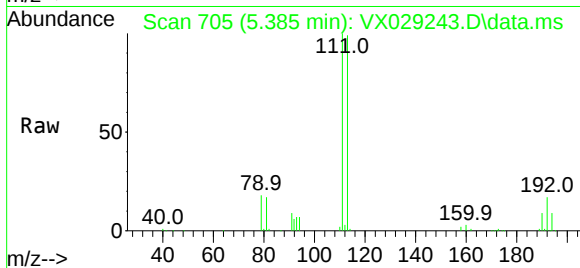
88 17.0 0.0 32.4



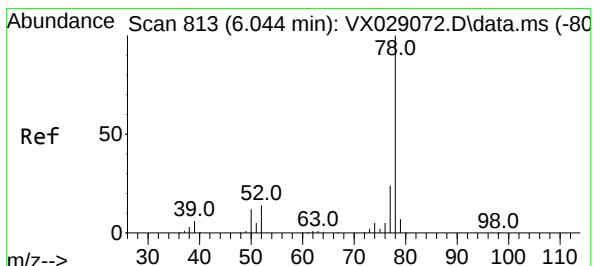
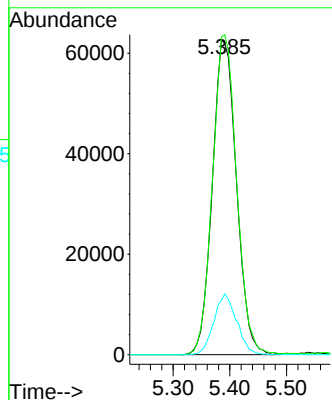
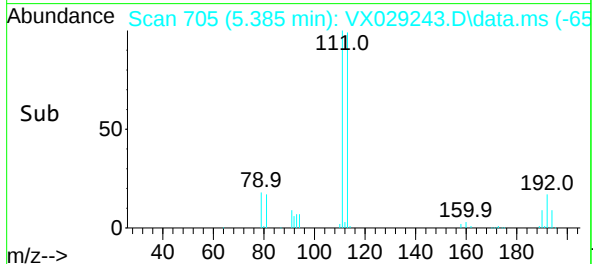


#35
Dibromofluoromethane
Concen: 51.115 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW-4

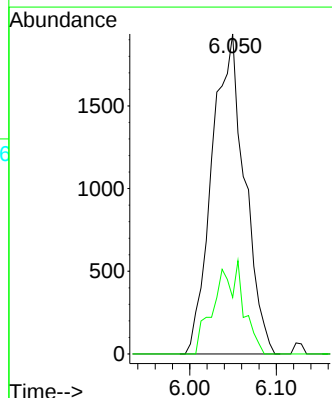
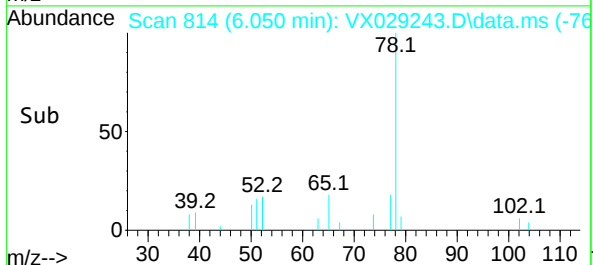
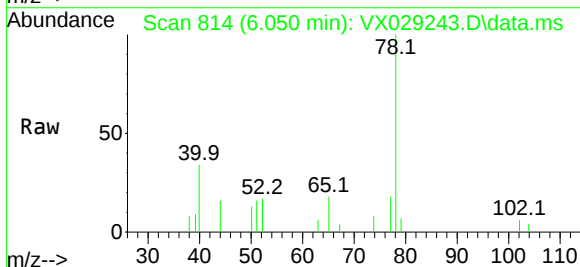


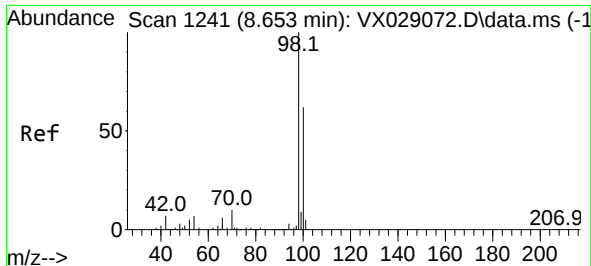
Tgt Ion:113 Resp: 185243
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.2 16.9 25.3



#40
Benzene
Concen: 0.368 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

Tgt Ion: 78 Resp: 5078
Ion Ratio Lower Upper
78 100
77 17.7 19.3 28.9#

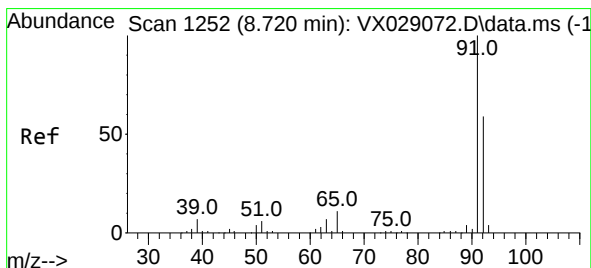
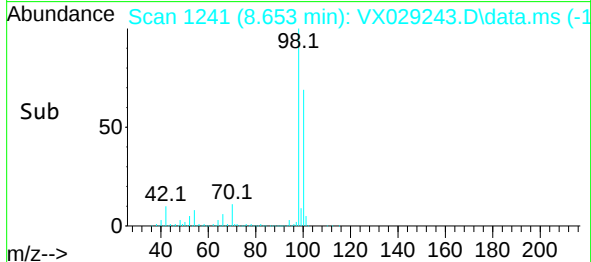
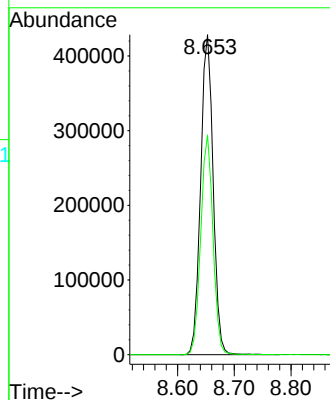
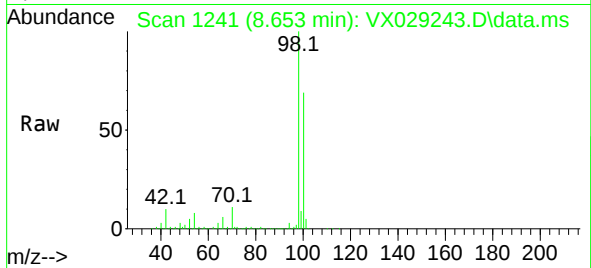




#50
Toluene-d8
Concen: 49.389 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

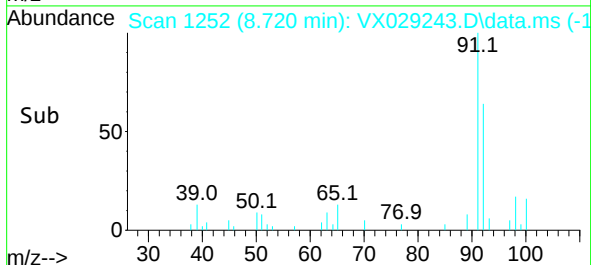
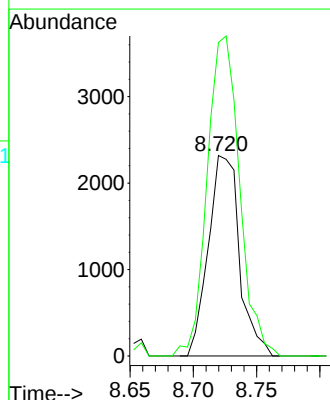
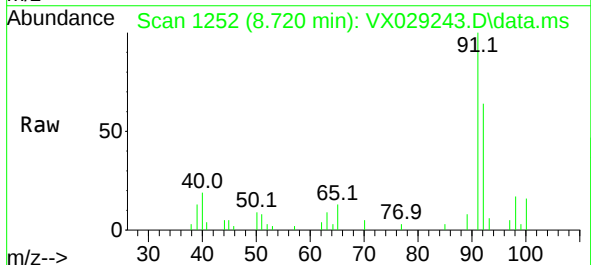
Instrument :
MSVOA_X
ClientSampleId :
MW-4

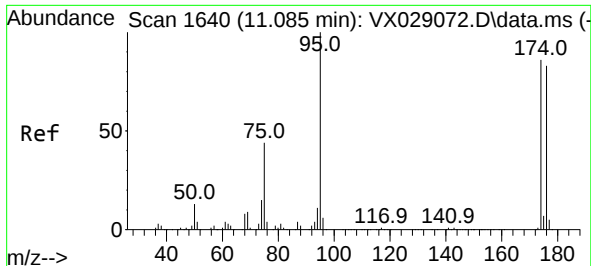
Tgt Ion: 98 Resp: 654631
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#52
Toluene
Concen: 0.429 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029243.D
Acq: 06 Jun 2022 17:07

Tgt Ion: 92 Resp: 3959
Ion Ratio Lower Upper
92 100
91 166.5 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 51.150 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029243.D

Acq: 06 Jun 2022 17:07

Instrument :

MSVOA_X

ClientSampleId :

MW-4

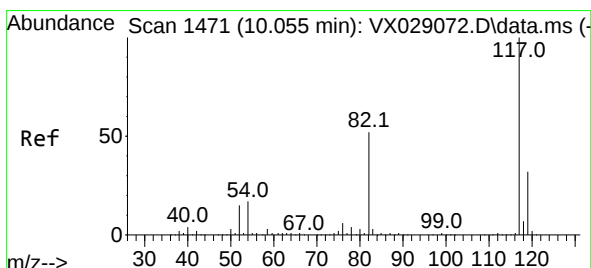
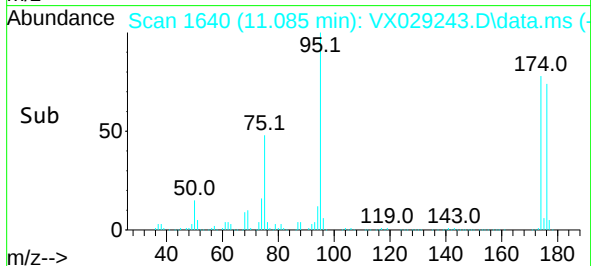
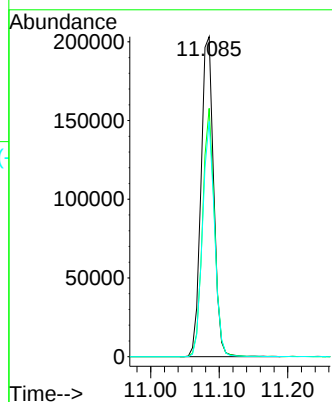
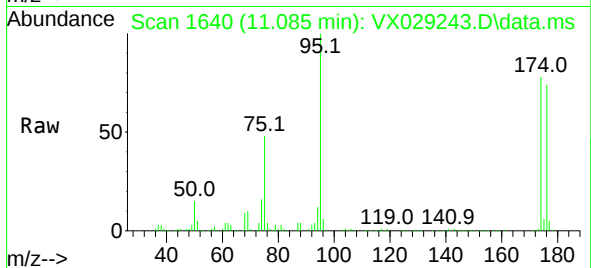
Tgt Ion: 95 Resp: 262074

Ion Ratio Lower Upper

95 100

174 73.0 0.0 163.0

176 69.7 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029243.D

Acq: 06 Jun 2022 17:07

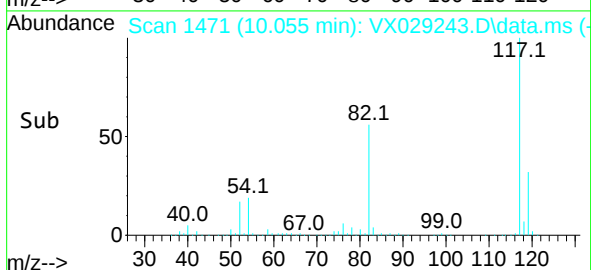
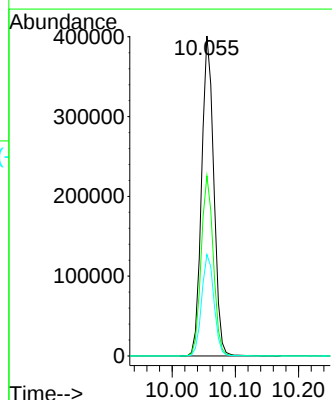
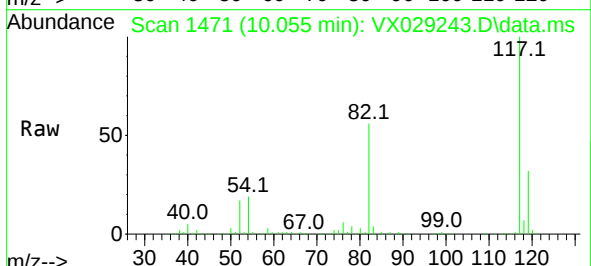
Tgt Ion: 117 Resp: 538165

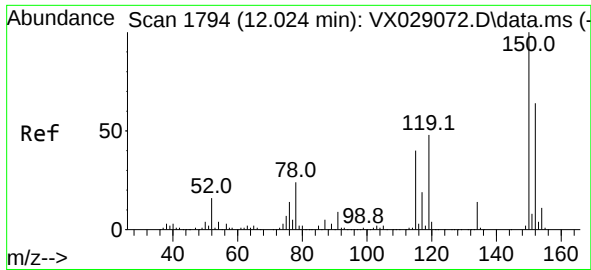
Ion Ratio Lower Upper

117 100

82 56.3 41.8 62.8

119 31.7 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029243.D

Acq: 06 Jun 2022 17:07

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tgt Ion:152 Resp: 252250

Ion Ratio Lower Upper

152 100

115 62.5 37.5 112.7

150 155.9 0.0 338.2

