

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034185.D
 Acq On : 20 Feb 2023 14:14
 Operator : JC/MD
 Sample : 01593-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-2

Quant Time: Feb 21 01:07:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

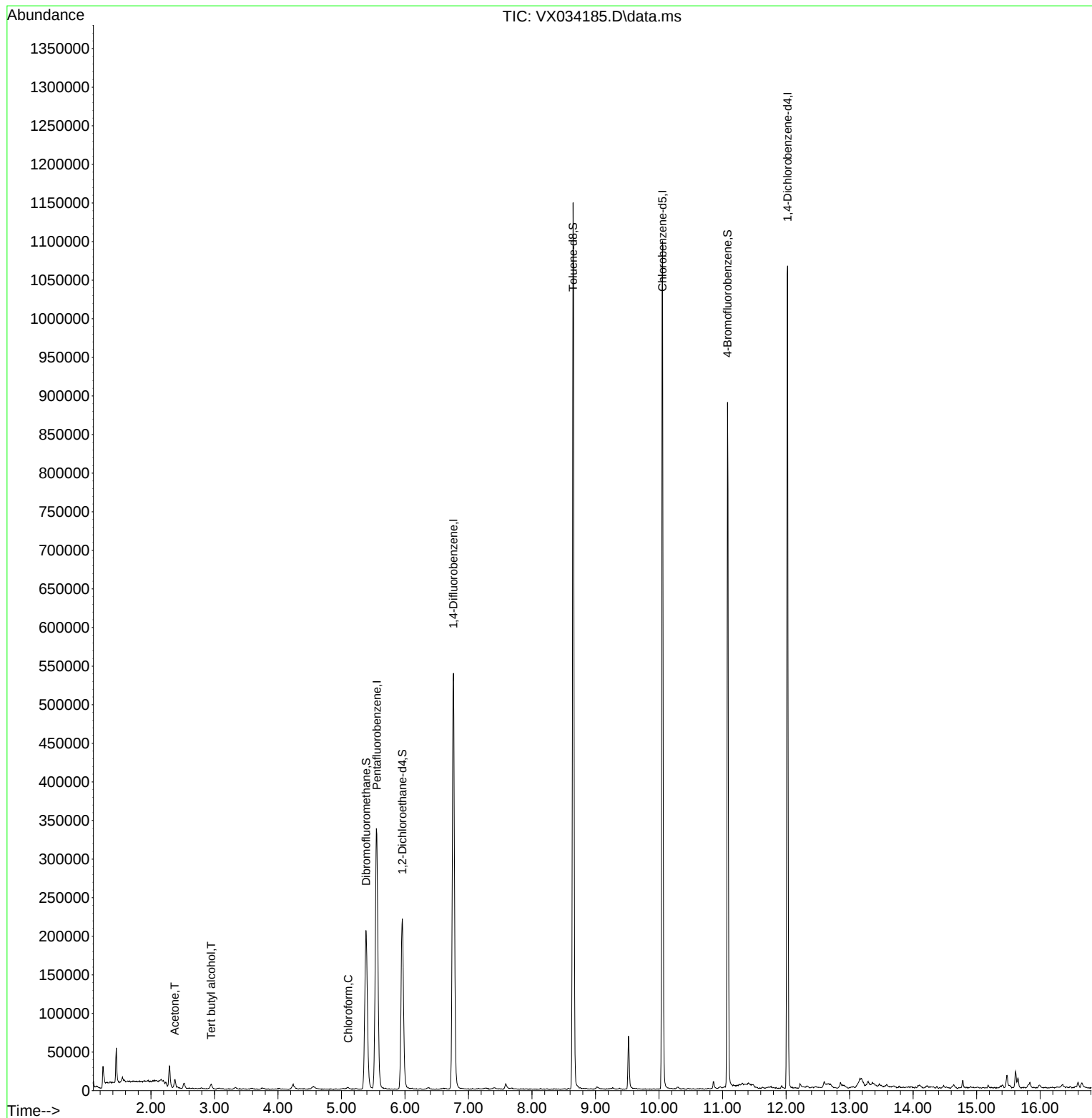
Internal Standards						
1) Pentafluorobenzene	5.556	168	339906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	569886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204522	44.678	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.360%		
35) Dibromofluoromethane	5.385	113	177631	47.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.647	98	682855	51.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.520%		
62) 4-Bromofluorobenzene	11.079	95	239515	47.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.000%		
Target Compounds						
11) Tert butyl alcohol	2.946	59	5992	5.852	ug/l #	87
16) Acetone	2.373	43	11757	4.979	ug/l #	89
30) Chloroform	5.105	83	2672	0.371	ug/l	99

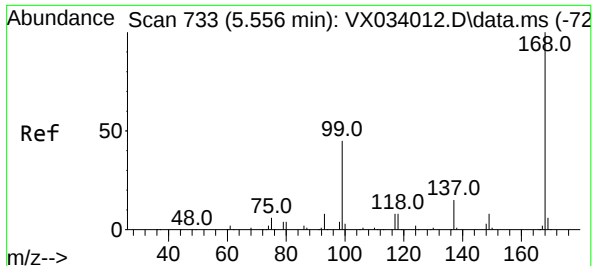
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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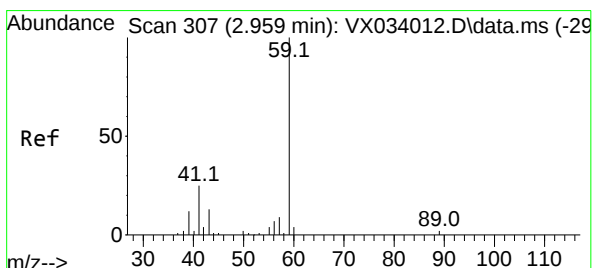
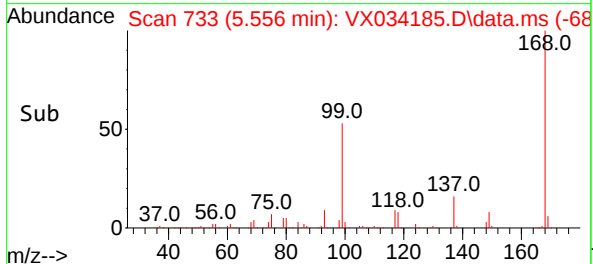
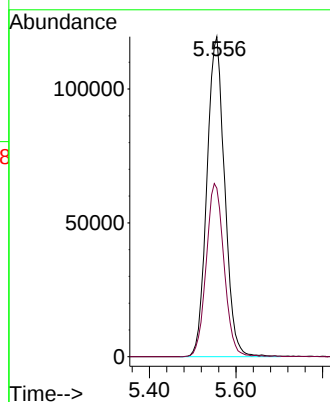
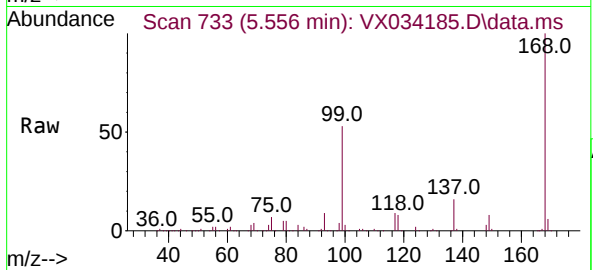




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

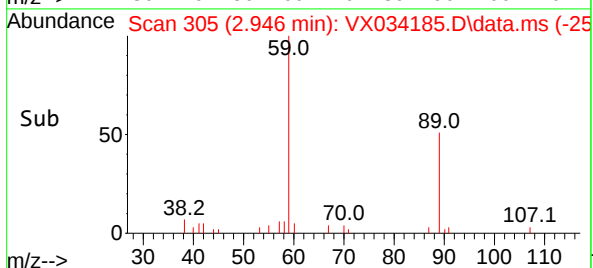
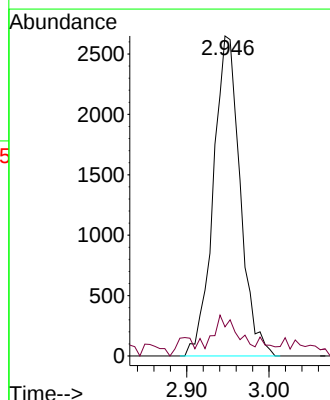
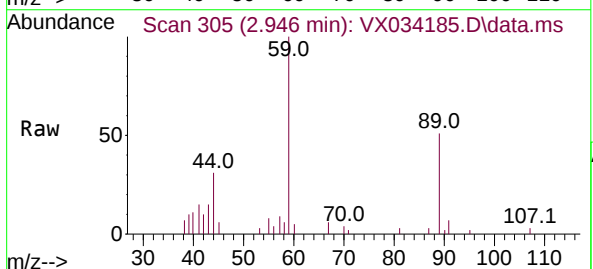
Instrument :
MSVOA_X
ClientSampleId :
SW-2

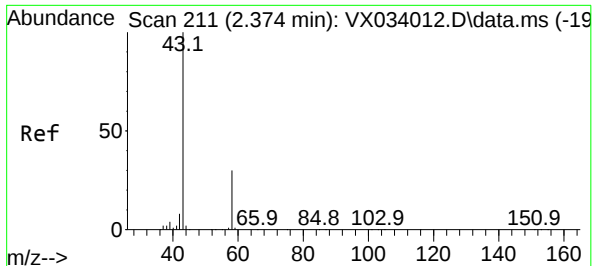
Tgt Ion:168 Resp: 339906
Ion Ratio Lower Upper
168 100
99 52.6 39.6 59.4



#11
Tert butyl alcohol
Concen: 5.852 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 59 Resp: 5992
Ion Ratio Lower Upper
59 100
57 8.9 3.7 5.5#

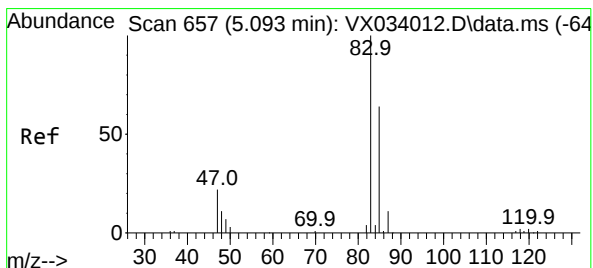
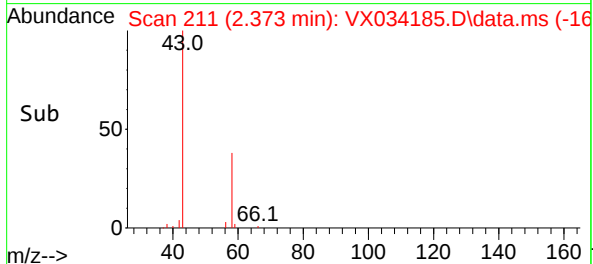
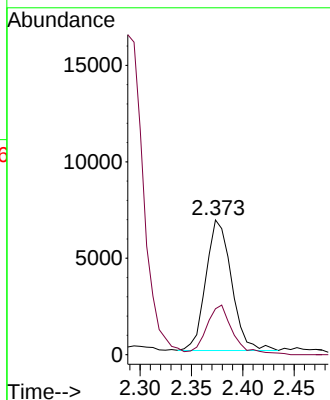
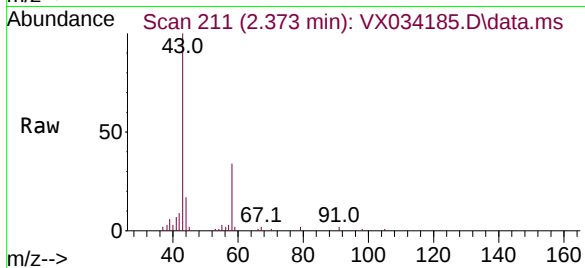




#16
Acetone
Concen: 4.979 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

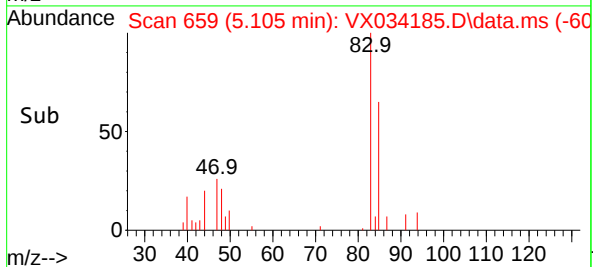
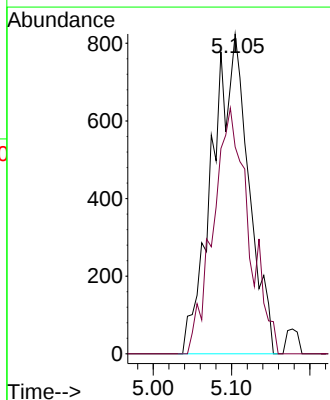
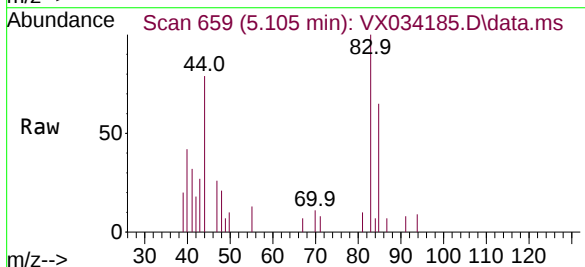
Instrument :
MSVOA_X
ClientSampleId :
SW-2

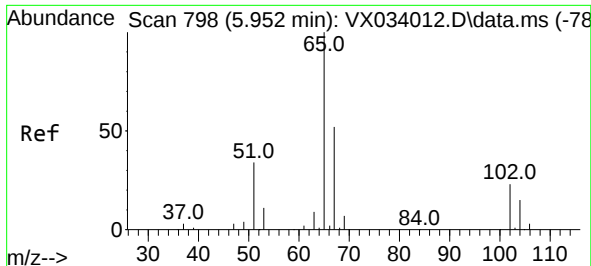
Tgt Ion: 43 Resp: 11757
Ion Ratio Lower Upper
43 100
58 33.9 22.6 33.8#



#30
Chloroform
Concen: 0.371 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 83 Resp: 2672
Ion Ratio Lower Upper
83 100
85 64.7 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 44.678 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034185.D

Acq: 20 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

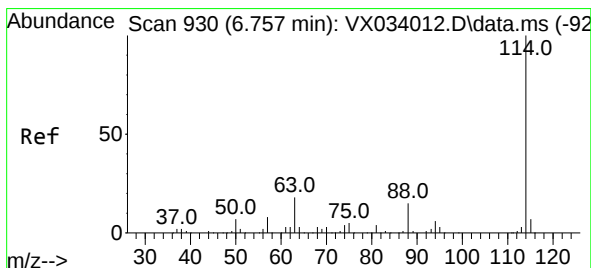
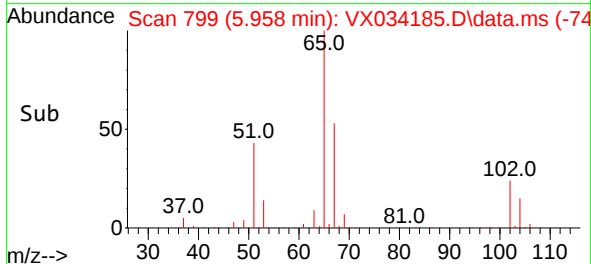
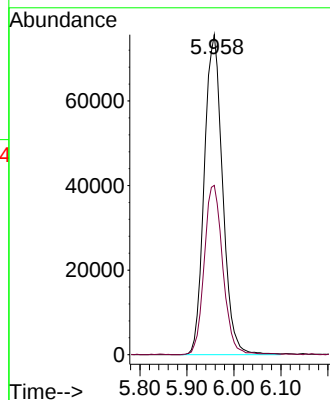
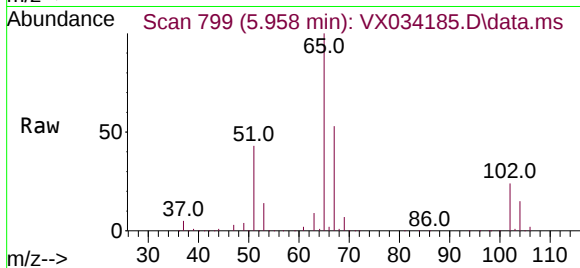
SW-2

Tgt Ion: 65 Resp: 204522

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034185.D

Acq: 20 Feb 2023 14:14

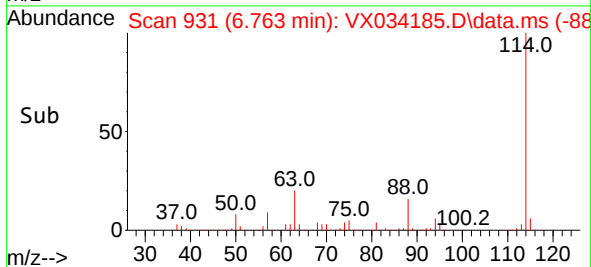
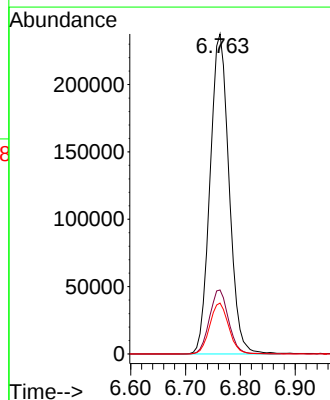
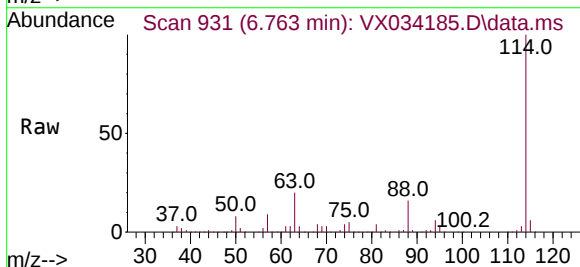
Tgt Ion: 114 Resp: 569886

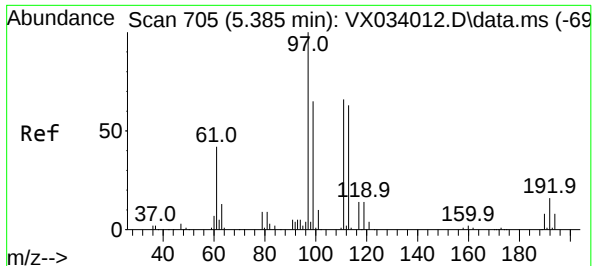
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.9 0.0 30.6

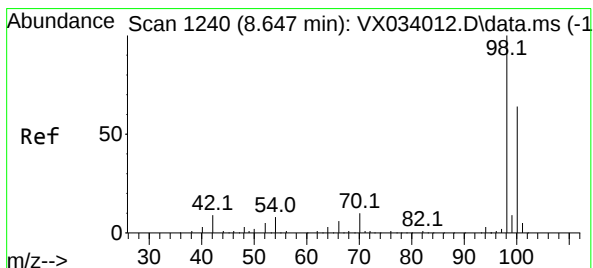
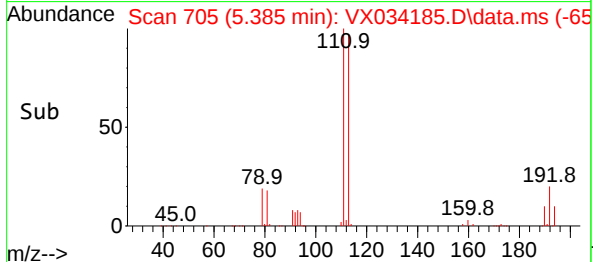
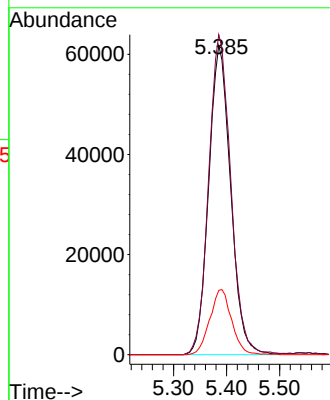
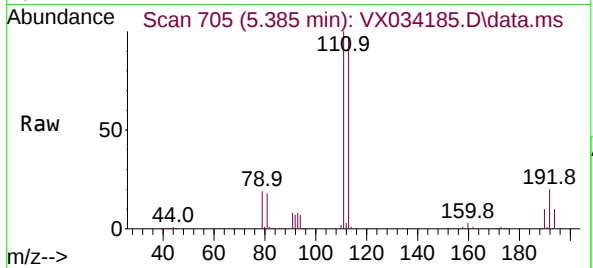




#35
Dibromofluoromethane
Concen: 47.872 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

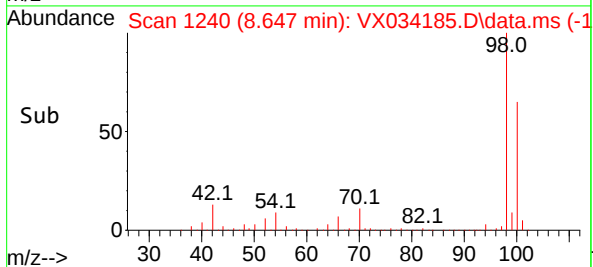
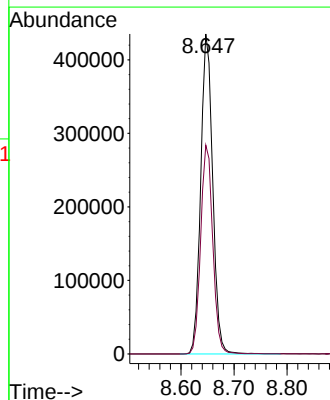
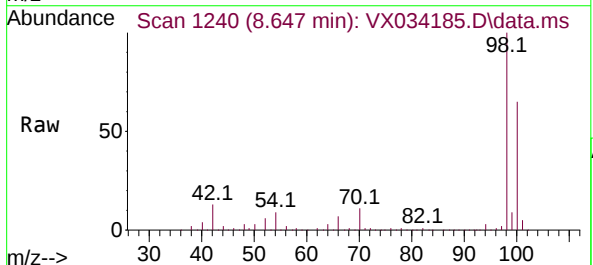
Instrument :
MSVOA_X
ClientSampleId :
SW-2

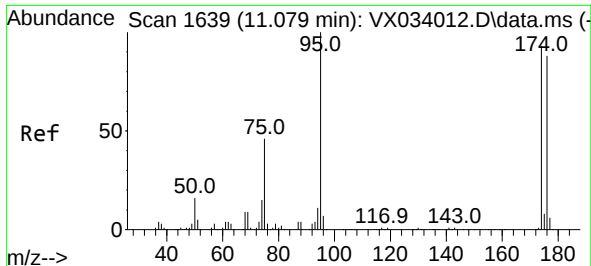
Tgt Ion:113 Resp: 177631
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.6
192 21.0 19.0 28.4



#50
Toluene-d8
Concen: 51.258 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034185.D
Acq: 20 Feb 2023 14:14

Tgt Ion: 98 Resp: 682855
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 47.003 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034185.D

Acq: 20 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

SW-2

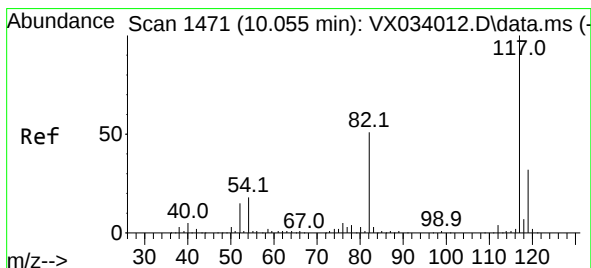
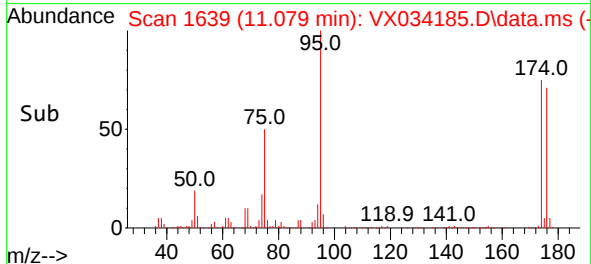
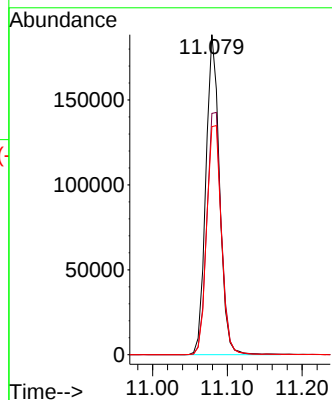
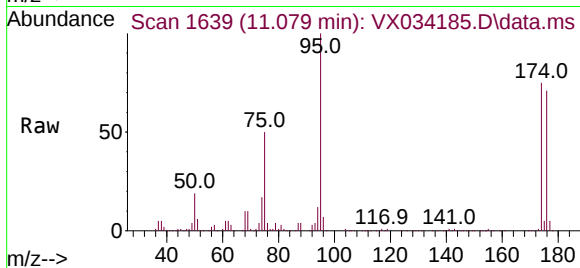
Tgt Ion: 95 Resp: 239515

Ion Ratio Lower Upper

95 100

174 80.2 0.0 184.4

176 77.0 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034185.D

Acq: 20 Feb 2023 14:14

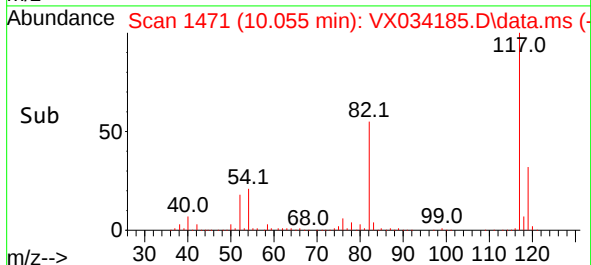
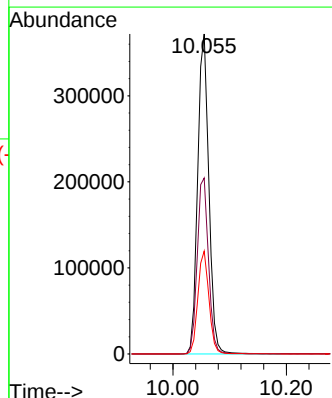
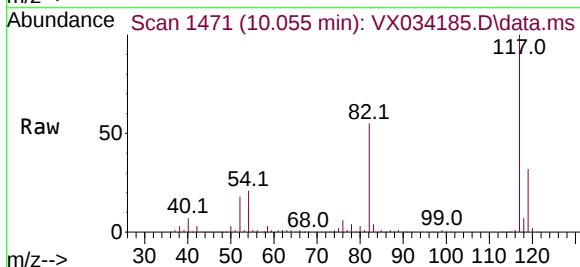
Tgt Ion: 117 Resp: 506883

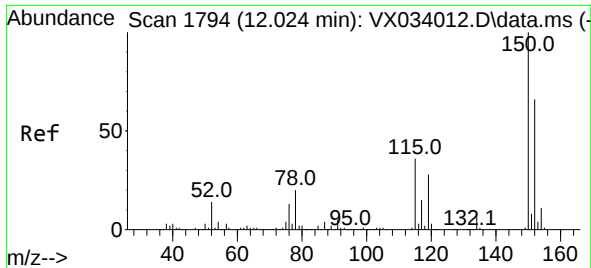
Ion Ratio Lower Upper

117 100

82 55.0 40.6 60.8

119 32.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034185.D

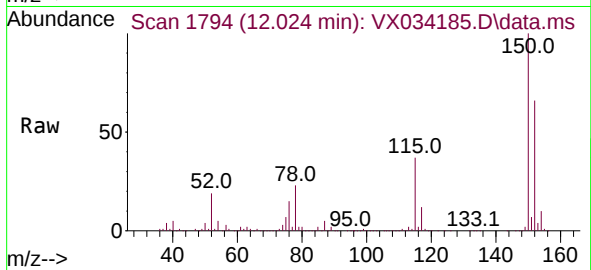
Acq: 20 Feb 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

SW-2



Tgt Ion:152 Resp: 232184

Ion Ratio Lower Upper

152 100

115 58.3 38.7 116.1

150 154.7 0.0 348.2

