

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031577.D
 Acq On : 22 Sep 2022 17:54
 Operator : JC/MD
 Sample : N4728-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-2

Quant Time: Sep 23 01:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

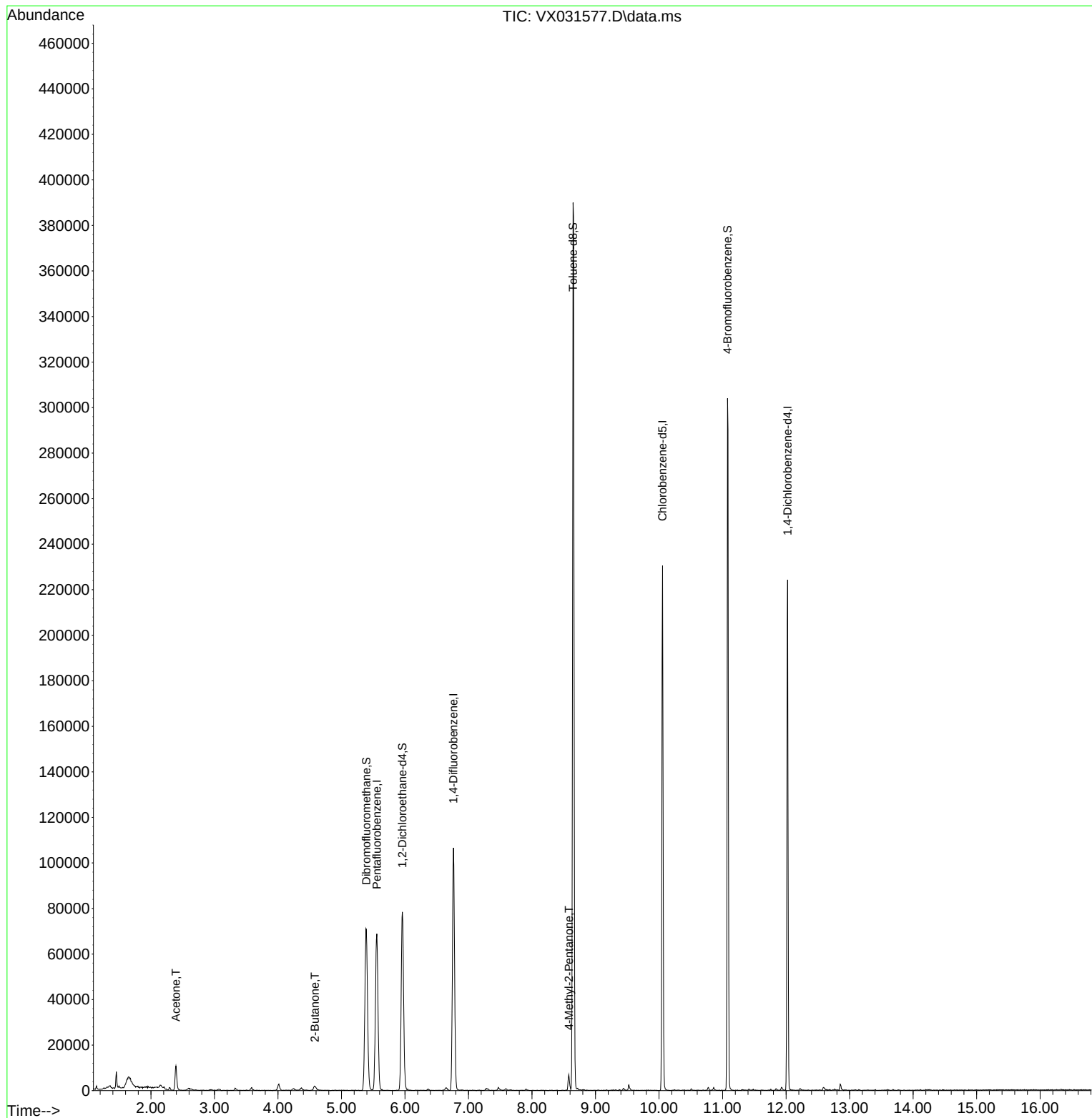
Internal Standards						
1) Pentafluorobenzene	5.556	168	66968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	109478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68575	55.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.720%
35) Dibromofluoromethane	5.391	113	58736	51.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.860%
50) Toluene-d8	8.647	98	226243	51.870	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	11.079	95	69705	47.180	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	12822	13.476	ug/l	96
25) 2-Butanone	4.580	43	3983	4.201	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	4310	2.100	ug/l	99

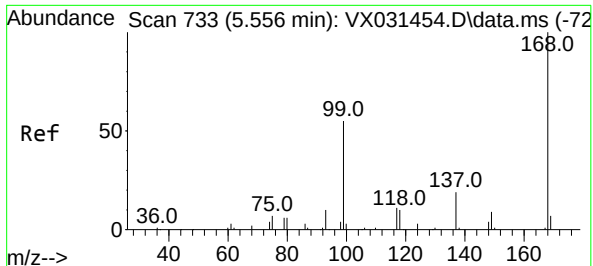
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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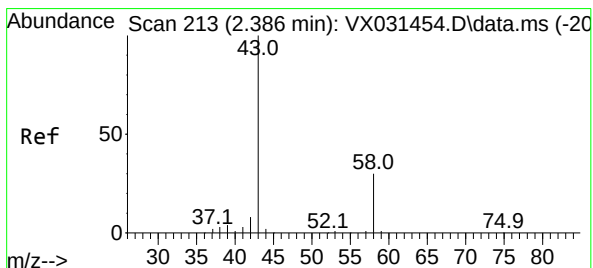
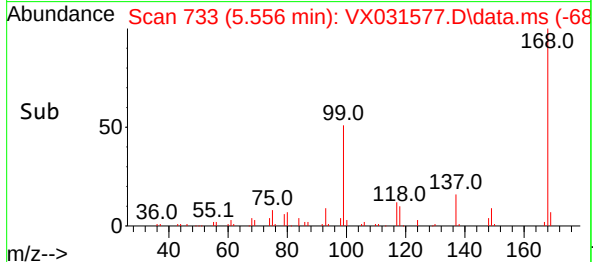
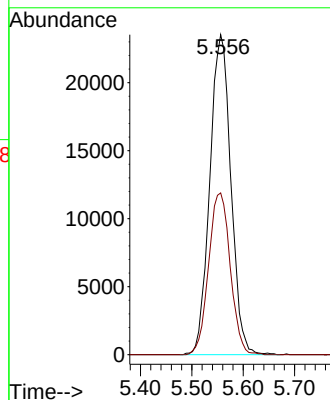
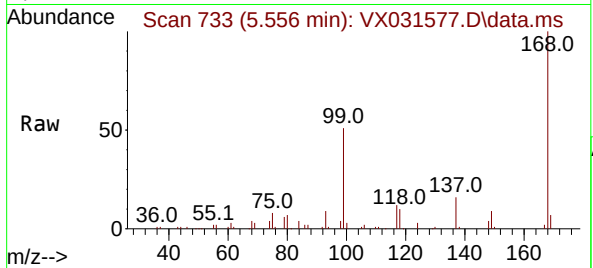




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

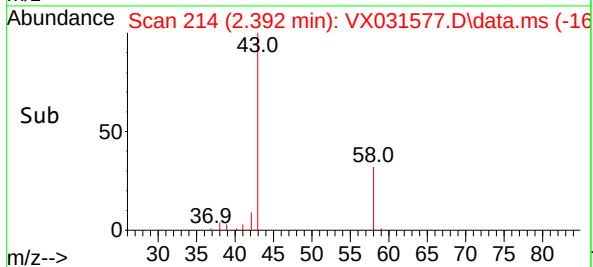
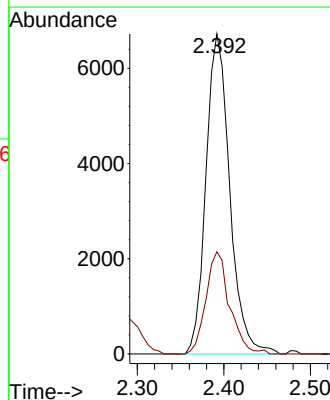
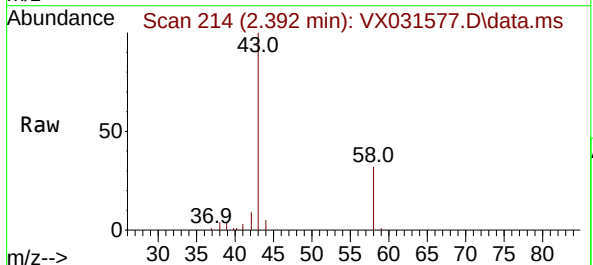
Instrument :
MSVOA_X
ClientSampleId :
OF-2

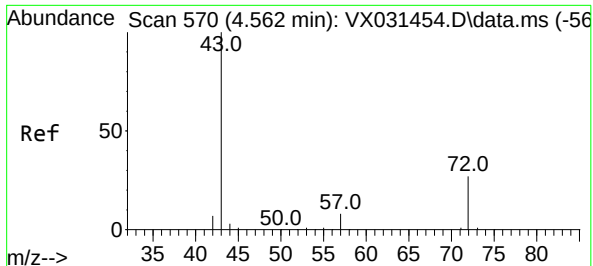
Tgt Ion:168 Resp: 66968
Ion Ratio Lower Upper
168 100
99 50.5 48.8 73.2



#16
Acetone
Concen: 13.476 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion: 43 Resp: 12822
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.8





#25

2-Butanone

Concen: 4.201 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX031577.D

Acq: 22 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

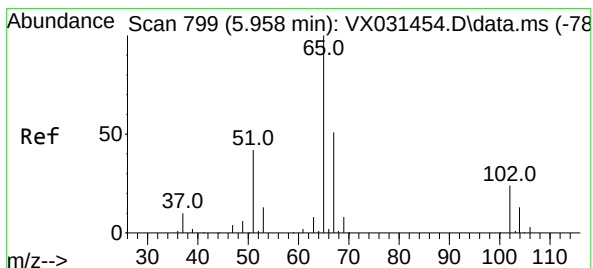
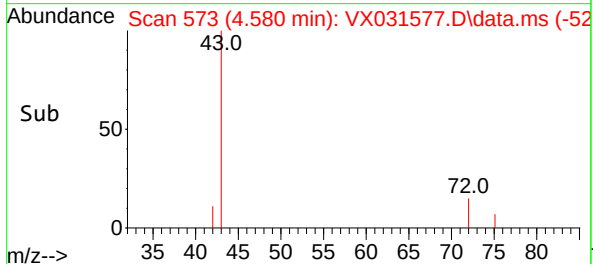
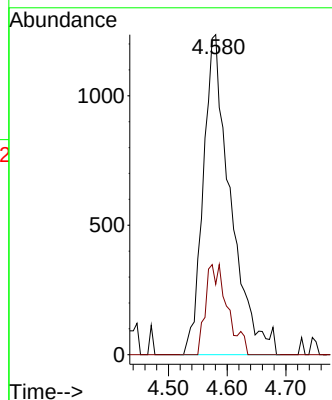
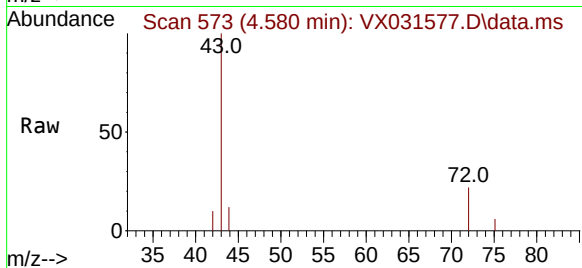
OF-2

Tgt Ion: 43 Resp: 3983

Ion Ratio Lower Upper

43 100

72 22.0 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 55.858 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031577.D

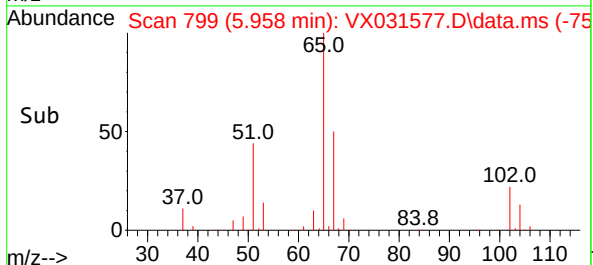
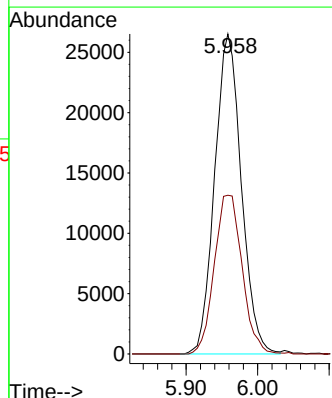
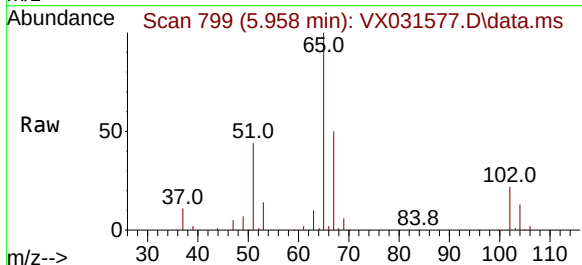
Acq: 22 Sep 2022 17:54

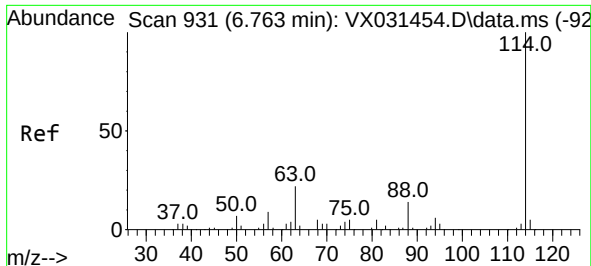
Tgt Ion: 65 Resp: 68575

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4

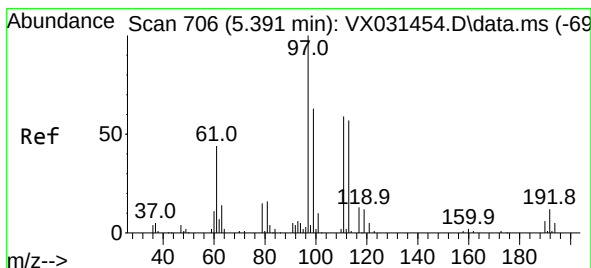
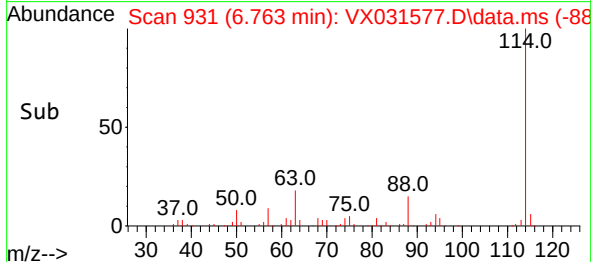
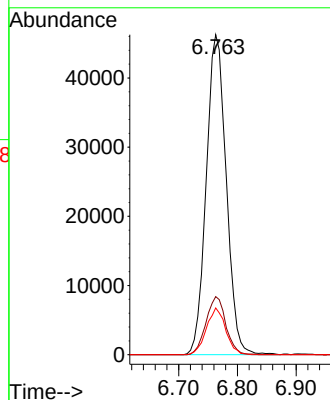
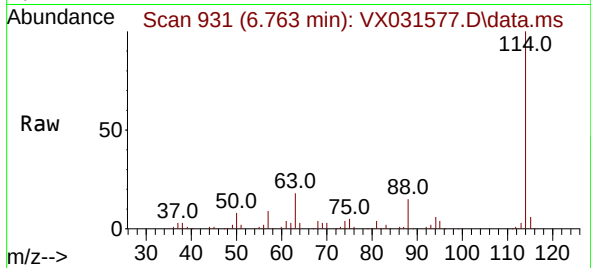




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

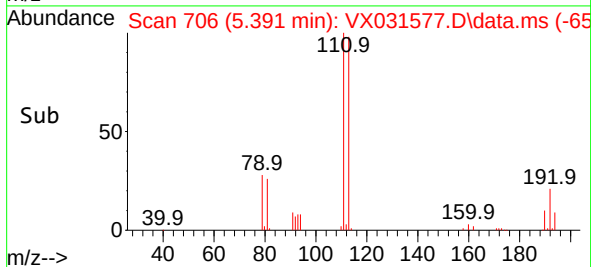
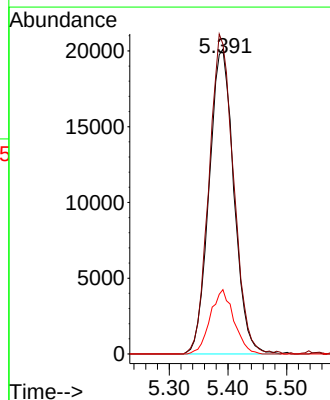
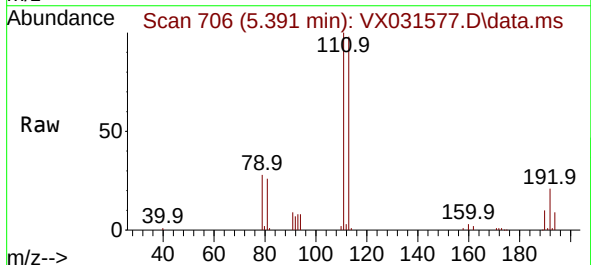
Instrument :
MSVOA_X
ClientSampleId :
OF-2

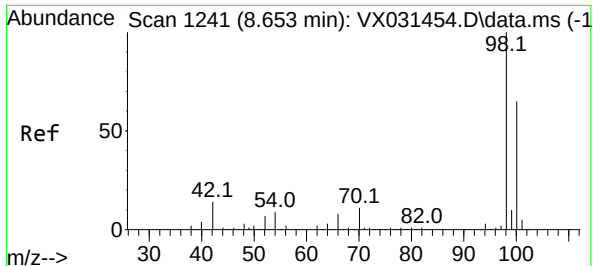
Tgt Ion:114 Resp: 109478
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.6
88 14.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.935 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031577.D
Acq: 22 Sep 2022 17:54

Tgt Ion:113 Resp: 58736
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 20.2 14.1 21.1





#50

Toluene-d8

Concen: 51.870 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031577.D

Acq: 22 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

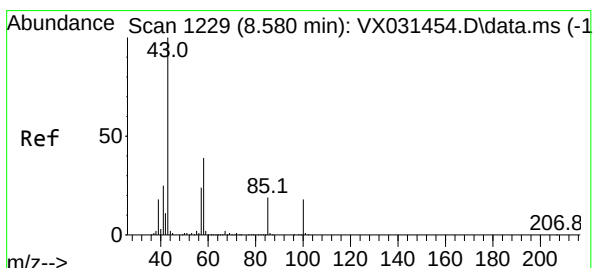
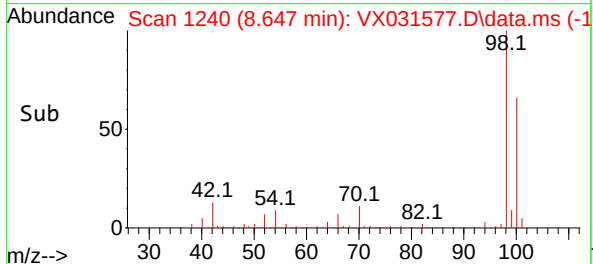
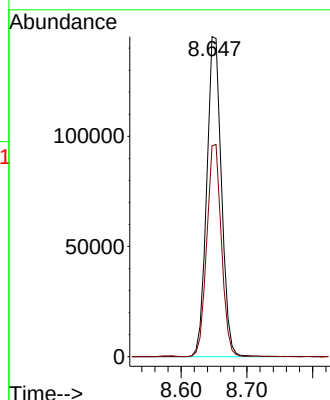
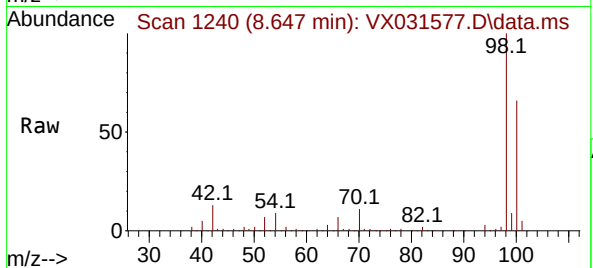
OF-2

Tgt Ion: 98 Resp: 226243

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 2.100 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX031577.D

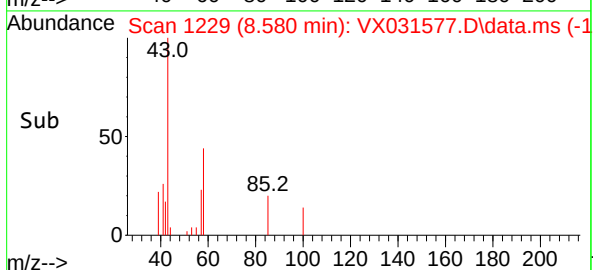
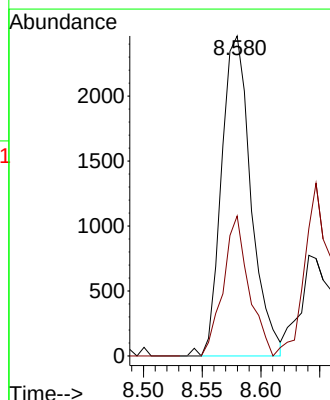
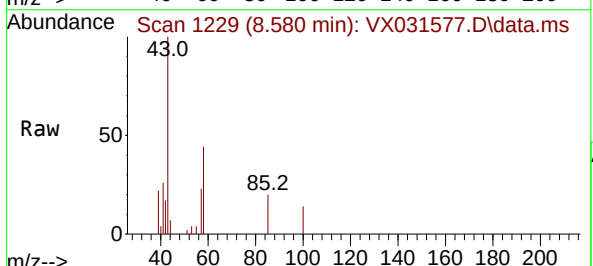
Acq: 22 Sep 2022 17:54

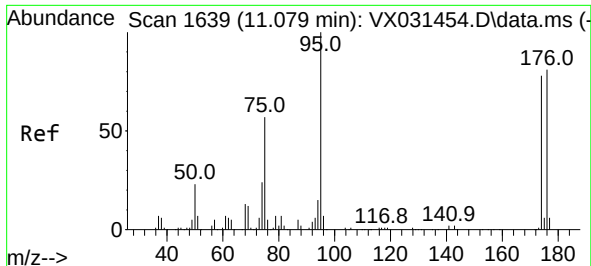
Tgt Ion: 43 Resp: 4310

Ion Ratio Lower Upper

43 100

58 37.9 30.6 46.0





#62

4-Bromofluorobenzene

Concen: 47.180 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031577.D

Acq: 22 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

OF-2

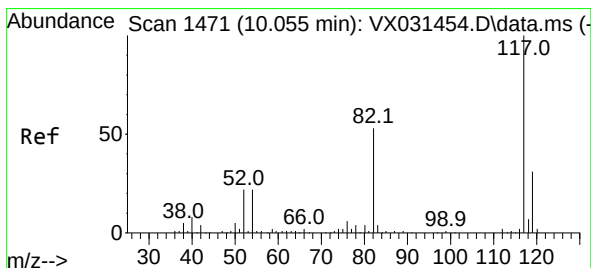
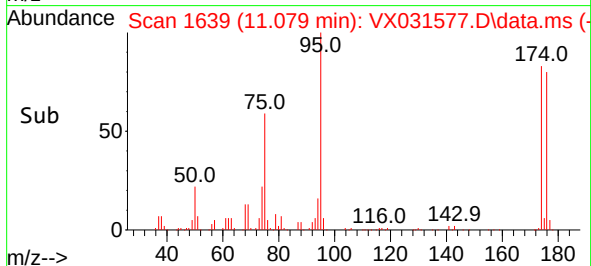
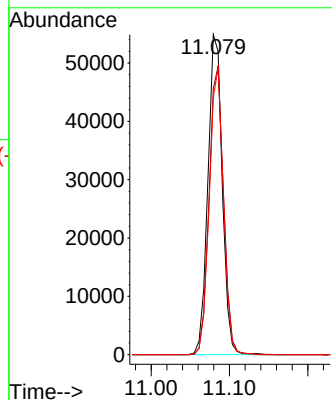
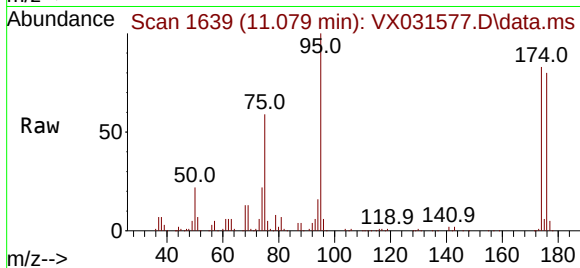
Tgt Ion: 95 Resp: 69705

Ion Ratio Lower Upper

95 100

174 90.6 0.0 153.2

176 88.5 0.0 144.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031577.D

Acq: 22 Sep 2022 17:54

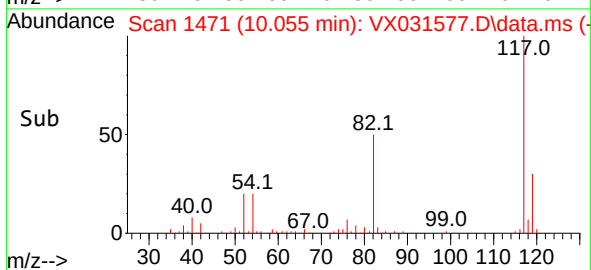
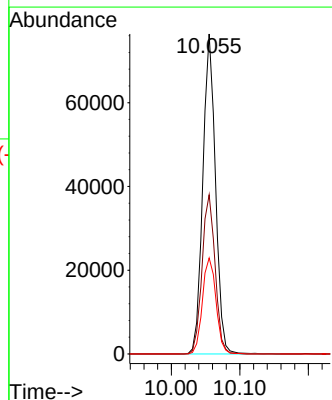
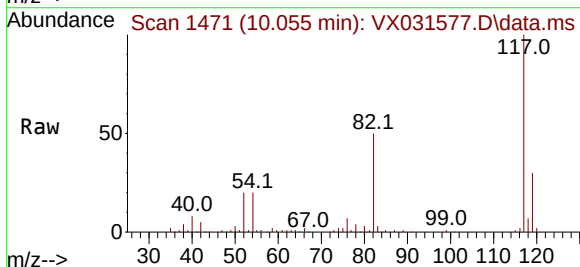
Tgt Ion: 117 Resp: 98321

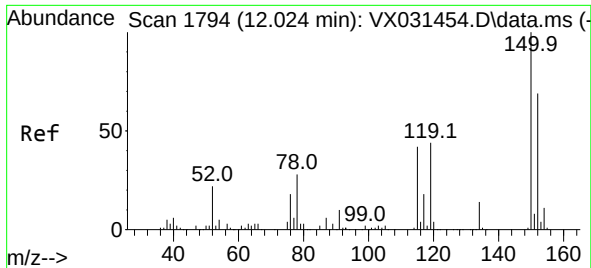
Ion Ratio Lower Upper

117 100

82 49.7 46.8 70.2

119 30.0 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031577.D

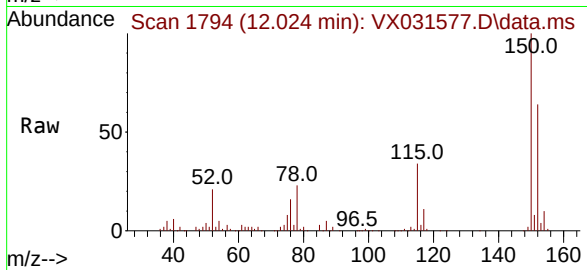
Acq: 22 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

OF-2



Tgt Ion:152 Resp: 44726

Ion Ratio Lower Upper

152 100

115 55.6 43.4 130.1

150 154.9 0.0 346.8

