

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028716.D
 Acq On : 14 May 2022 06:50
 Operator : JC/MD
 Sample : N2814-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HEATER-WATER

Quant Time: May 16 02:35:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

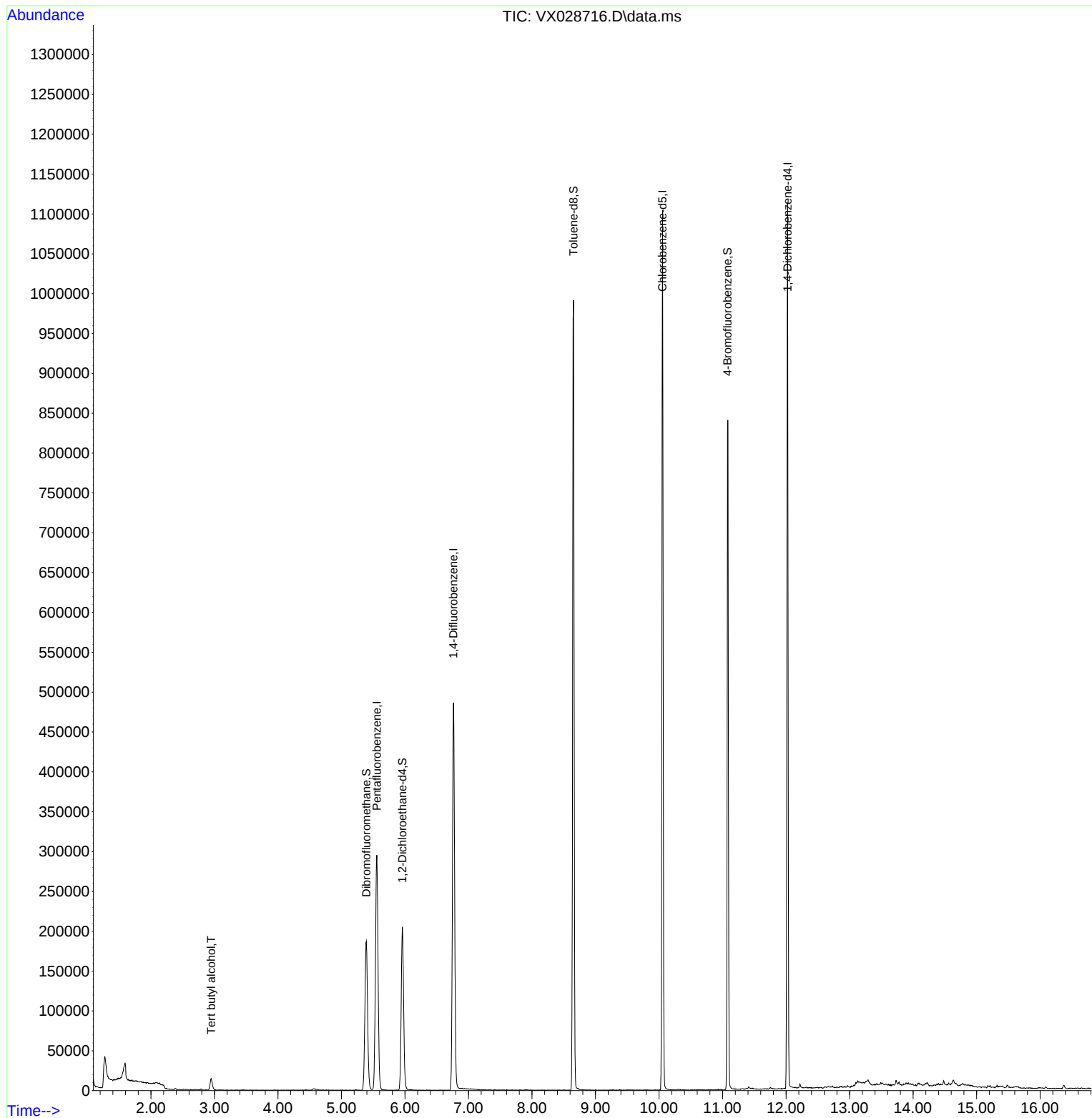
Internal Standards						
1) Pentafluorobenzene	5.556	168	270071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	495965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	466669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194147	52.443	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.880%
35) Dibromofluoromethane	5.391	113	161956	49.840	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.680%
50) Toluene-d8	8.653	98	595762	48.629	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	223018	48.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.480%
Target Compounds						
11) Tert butyl alcohol	2.946	59	10138	5.087	ug/l	Qvalue # 87

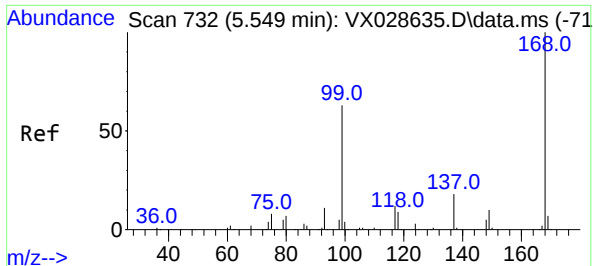
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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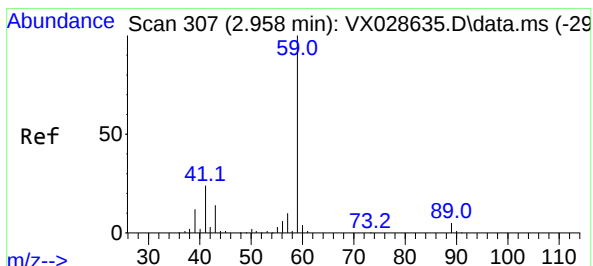
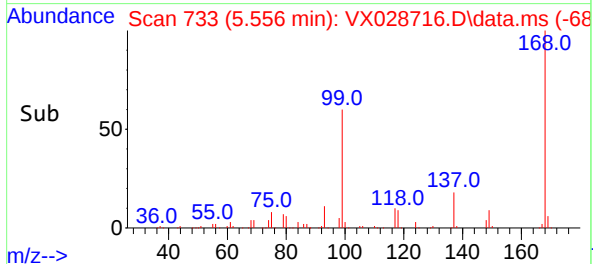
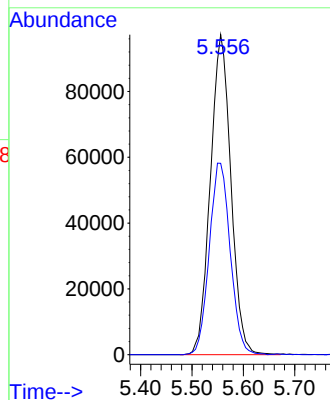
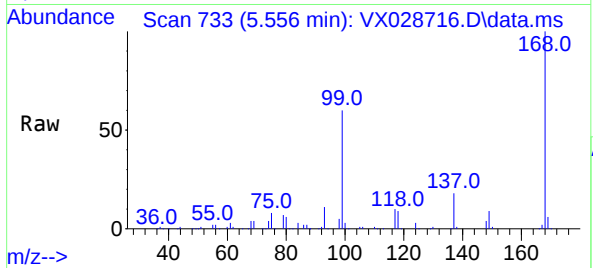




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

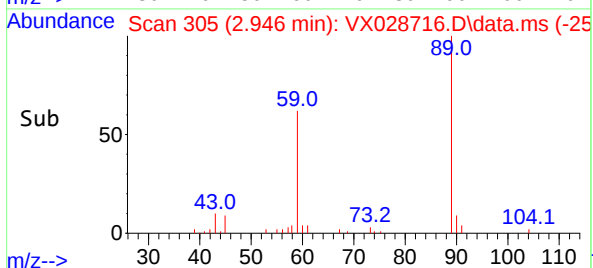
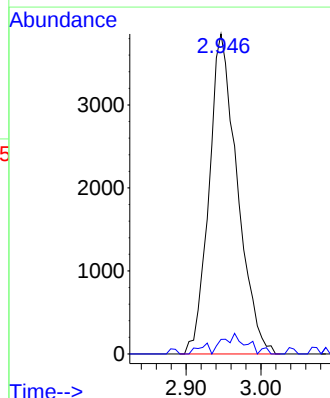
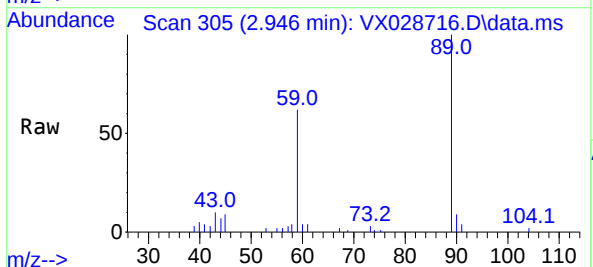
Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

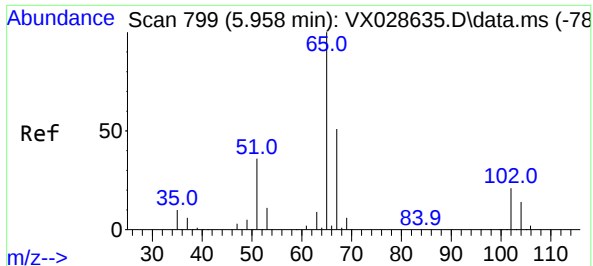
Tgt Ion:168 Resp: 270071
Ion Ratio Lower Upper
168 100
99 59.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 5.087 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 59 Resp: 10138
Ion Ratio Lower Upper
59 100
57 5.4 8.3 12.5#





#33

1,2-Dichloroethane-d4

Concen: 52.443 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028716.D

Acq: 14 May 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

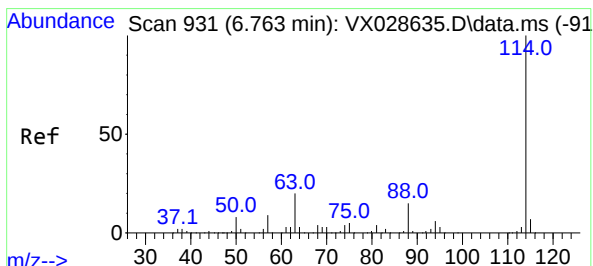
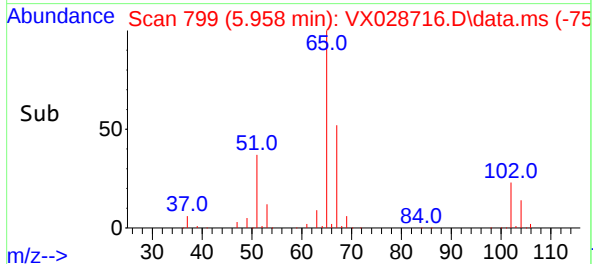
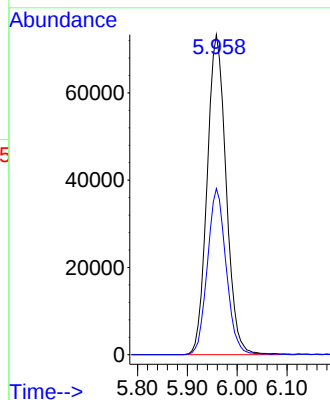
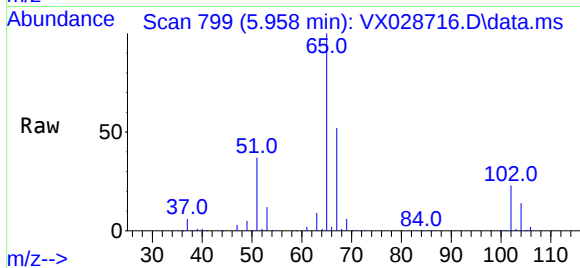
HEATER-WATER

Tgt Ion: 65 Resp: 194147

Ion Ratio Lower Upper

65 100

67 51.1 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: VX028716.D

Acq: 14 May 2022 06:50

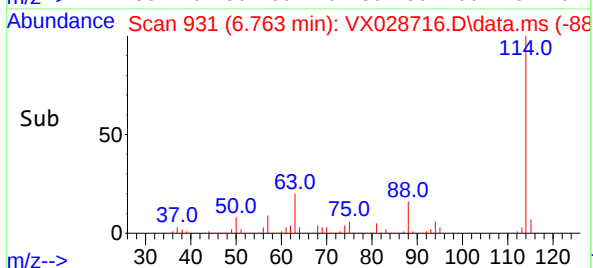
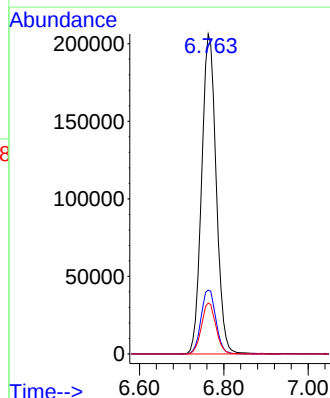
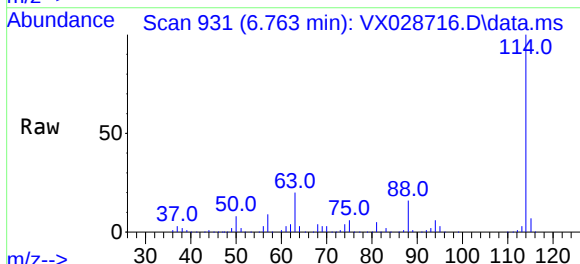
Tgt Ion: 114 Resp: 495965

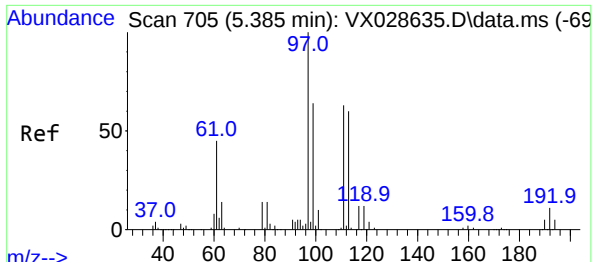
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.8

88 15.9 0.0 32.4

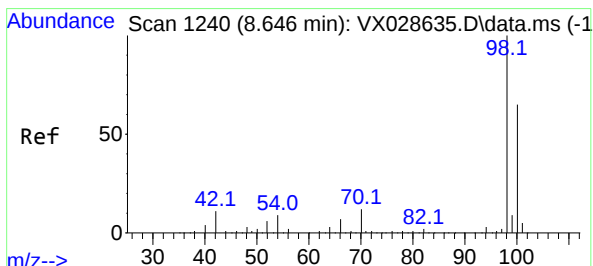
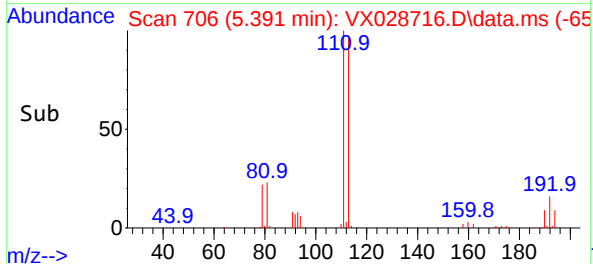
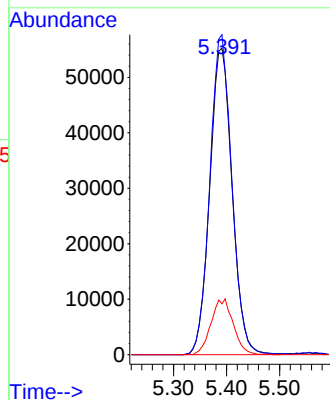
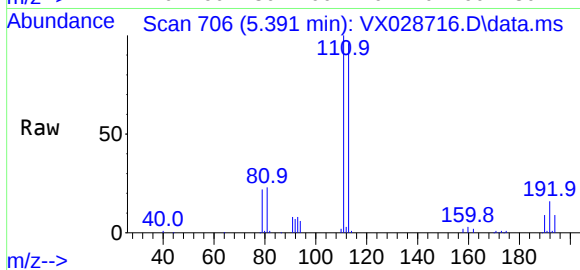




#35
Dibromofluoromethane
Concen: 49.840 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

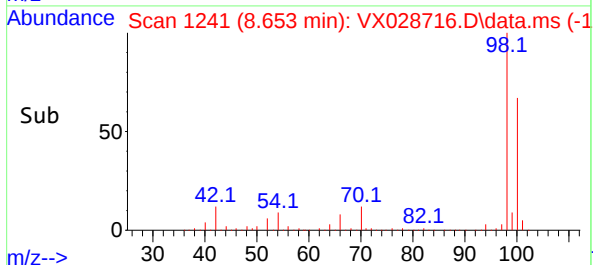
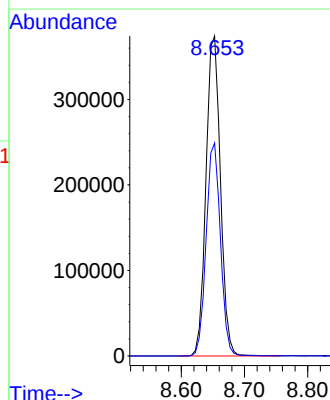
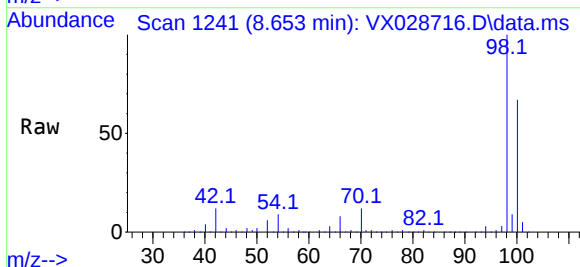
Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

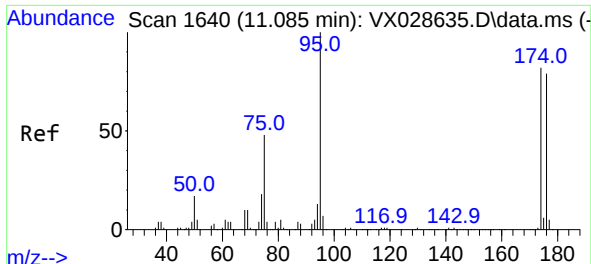
Tgt Ion:113 Resp: 161956
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.1 16.9 25.3



#50
Toluene-d8
Concen: 48.629 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 98 Resp: 595762
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

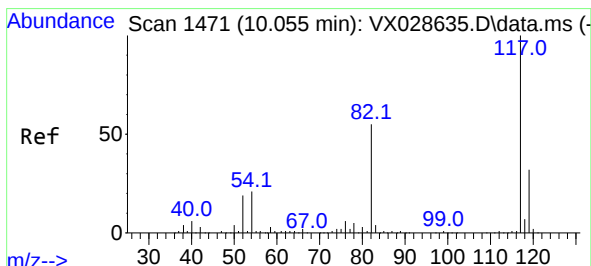
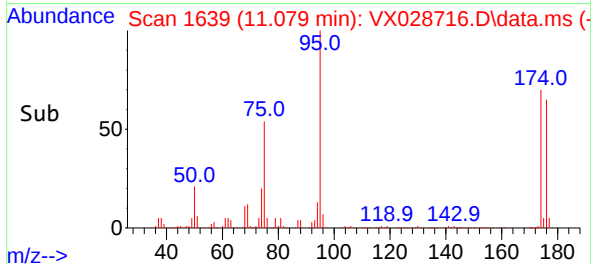
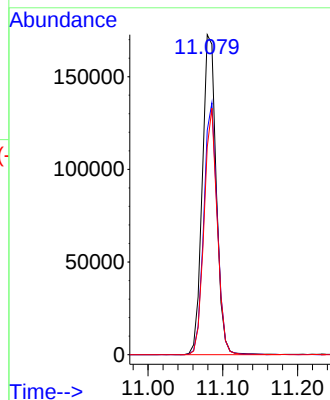
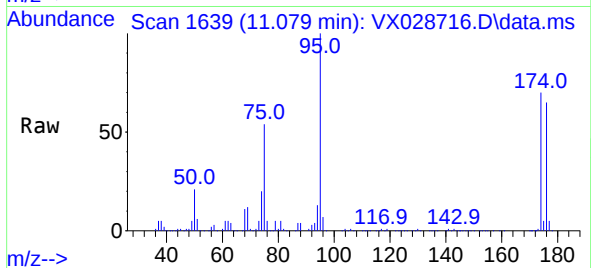




#62
4-Bromofluorobenzene
Concen: 48.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

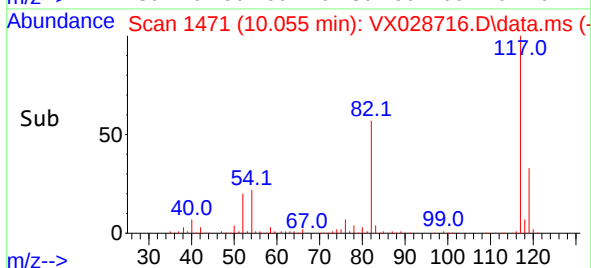
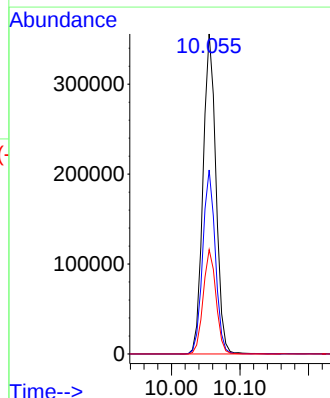
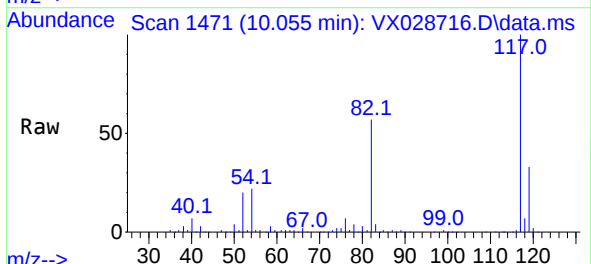
Instrument :
MSVOA_X
ClientSampleId :
HEATER-WATER

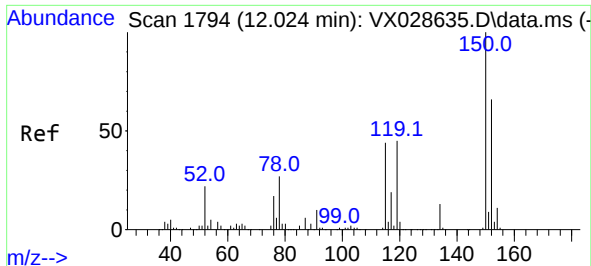
Tgt Ion: 95 Resp: 223018
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 72.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028716.D
Acq: 14 May 2022 06:50

Tgt Ion: 117 Resp: 466669
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 32.6 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: VX028716.D

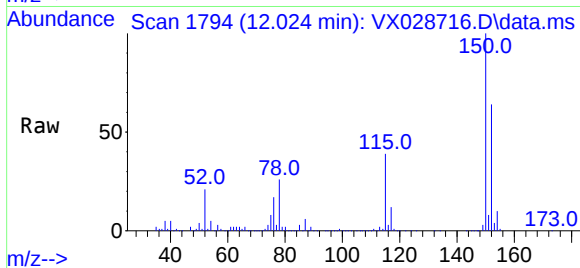
Acq: 14 May 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

HEATER-WATER



Tgt Ion:152 Resp: 219182

Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 156.7 0.0 338.2

