

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031579.D
 Acq On : 22 Sep 2022 18:41
 Operator : JC/MD
 Sample : N4614-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-3RA

Quant Time: Sep 23 01:50:18 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)

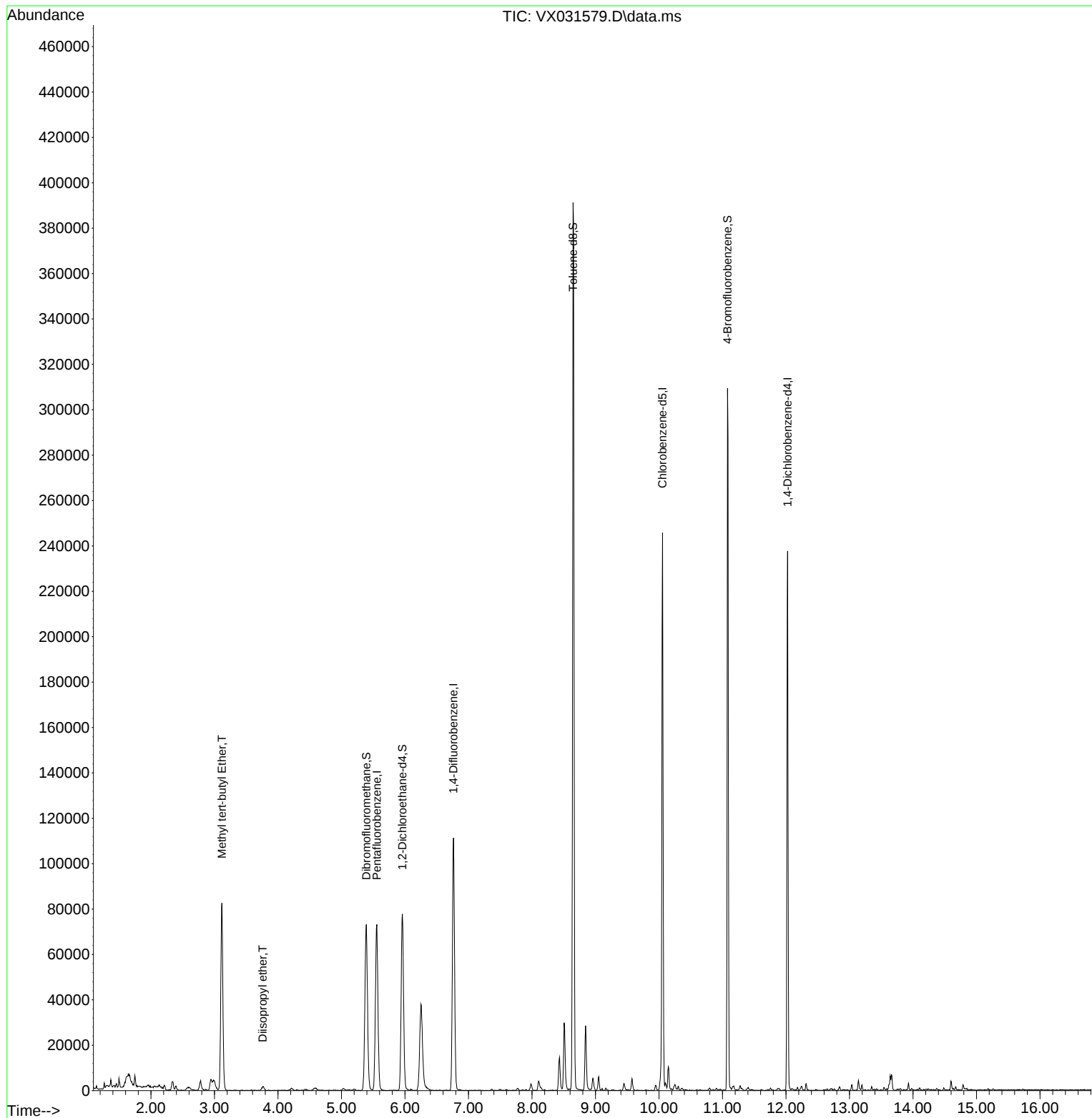
Internal Standards						
1) Pentafluorobenzene	5.556	168	69667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68418	53.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.060%
35) Dibromofluoromethane	5.391	113	59139	49.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	8.647	98	226980	49.715	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.079	95	69232	44.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.540%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	90595	23.100	ug/l	Qvalue 97
22) Diisopropyl ether	3.758	45	1648	0.430	ug/l	# 85

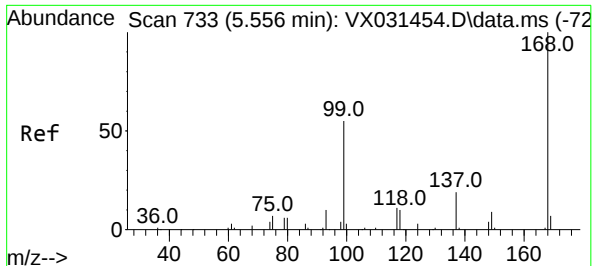
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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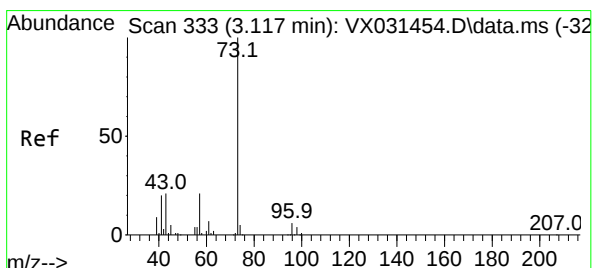
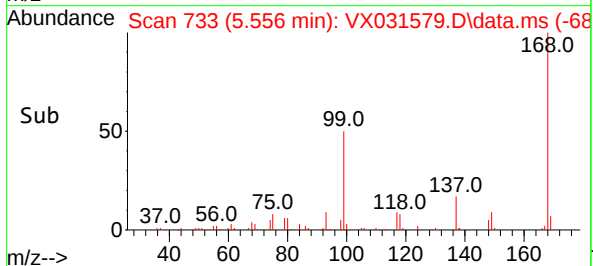
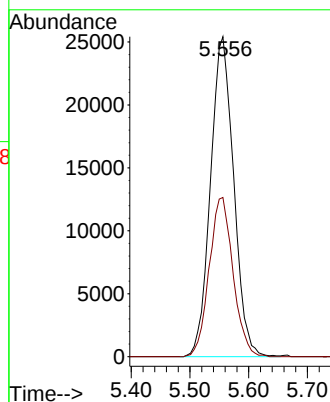
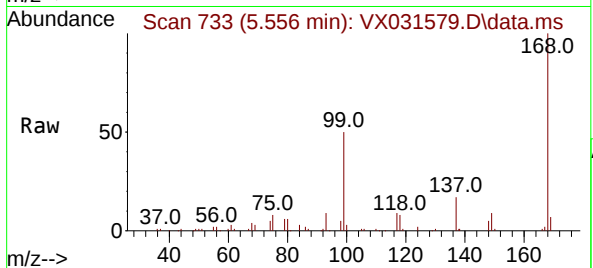




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

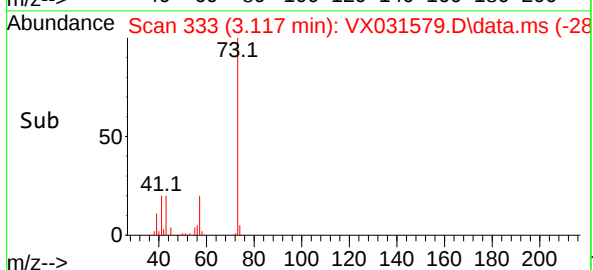
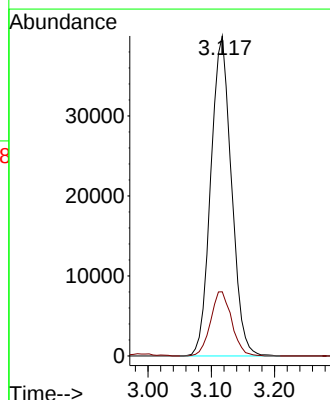
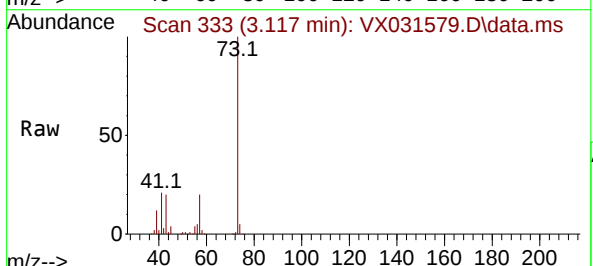
Instrument :
MSVOA_X
ClientSampleId :
H-3RA

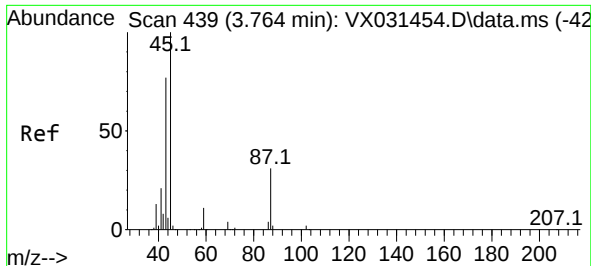
Tgt Ion:168 Resp: 69667
Ion Ratio Lower Upper
168 100
99 49.7 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 23.100 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

Tgt Ion: 73 Resp: 90595
Ion Ratio Lower Upper
73 100
57 20.1 17.2 25.8

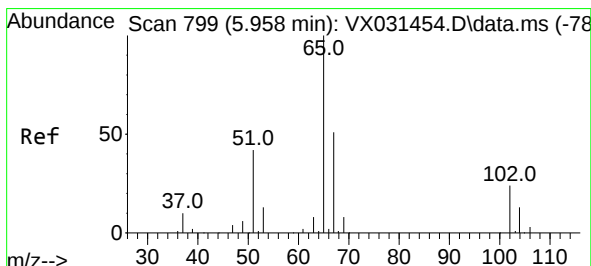
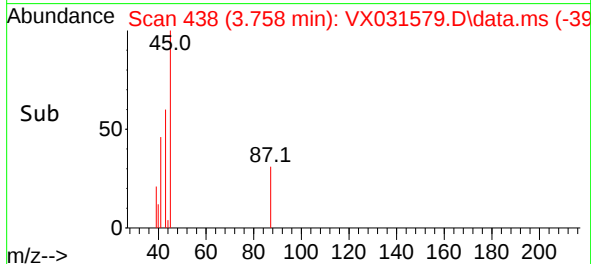
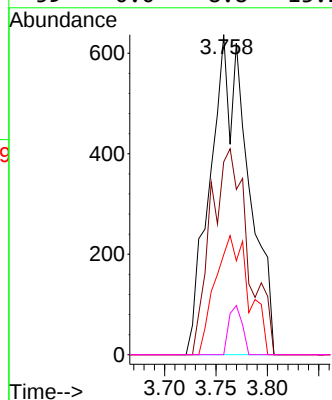
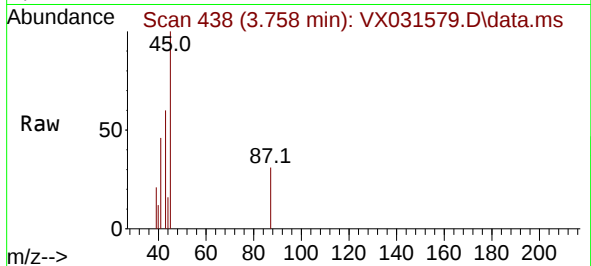




#22
Diisopropyl ether
Concen: 0.430 ug/l
RT: 3.758 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

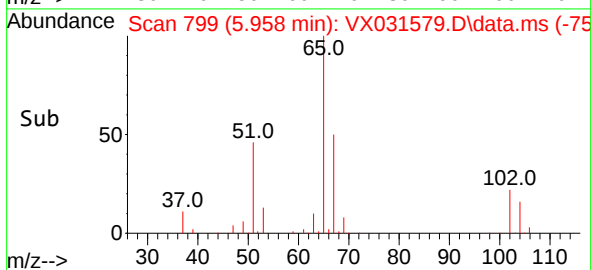
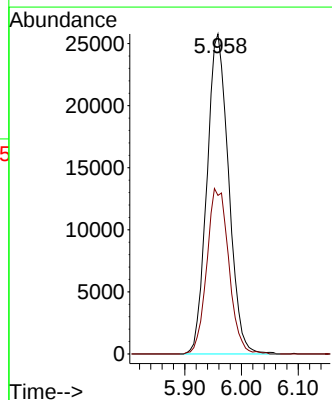
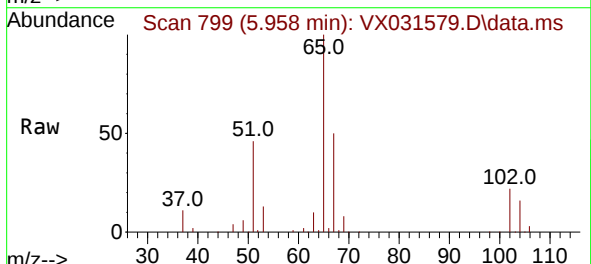
Instrument :
MSVOA_X
ClientSampleId :
H-3RA

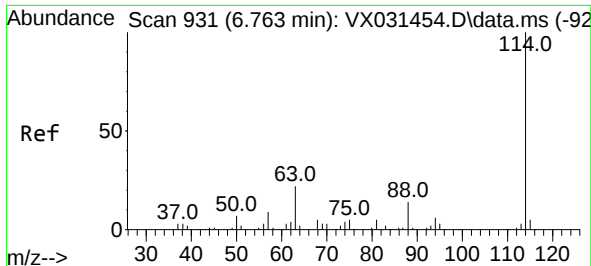
Tgt Ion: 45	Resp: 1648
Ion Ratio	Lower Upper
45 100	
43 60.3	59.0 88.6
87 31.2	22.6 33.8
59 0.0	8.8 13.2#



#33
1,2-Dichloroethane-d4
Concen: 53.526 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

Tgt Ion: 65	Resp: 68418
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 102.4

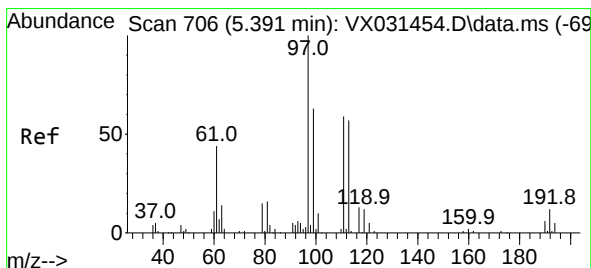
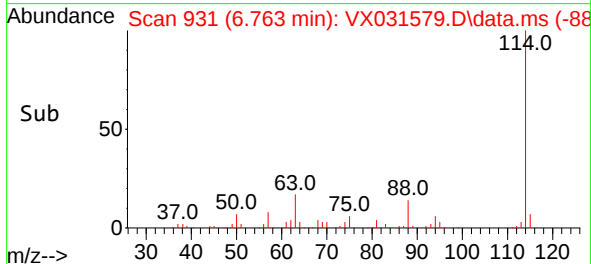
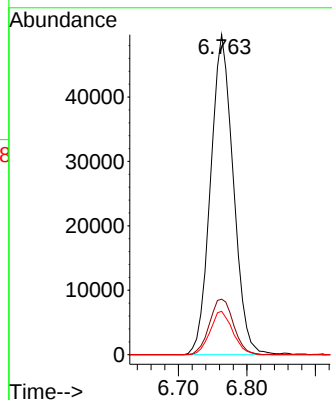
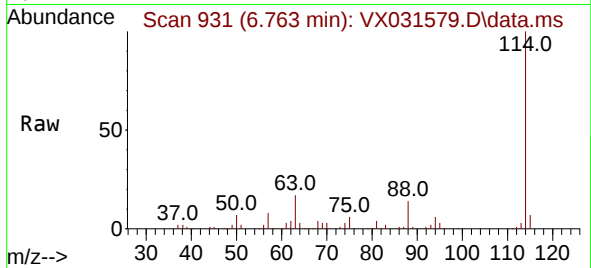




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

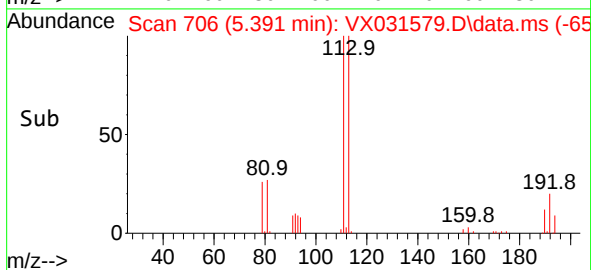
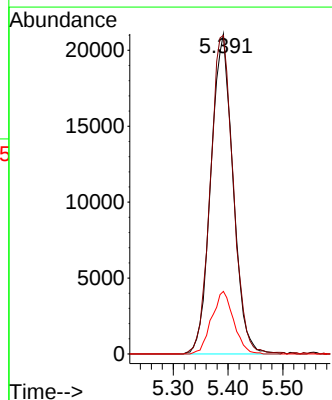
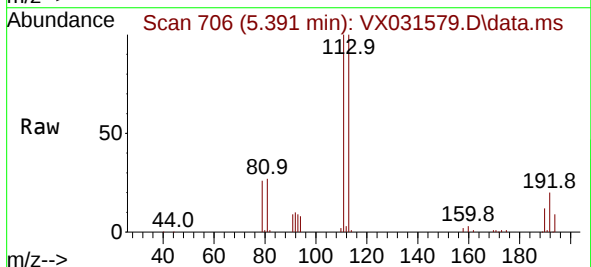
Instrument :
MSVOA_X
ClientSampleId :
H-3RA

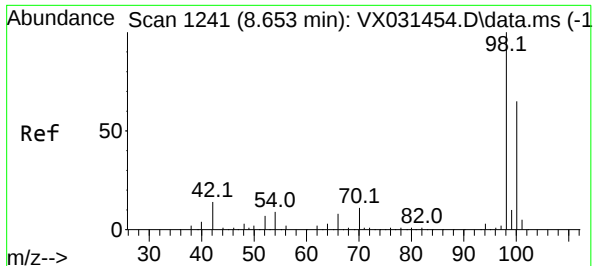
Tgt Ion:114 Resp: 114596
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.6
88 13.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.928 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

Tgt Ion:113 Resp: 59139
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.4 14.1 21.1





#50

Toluene-d8

Concen: 49.715 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031579.D

Acq: 22 Sep 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

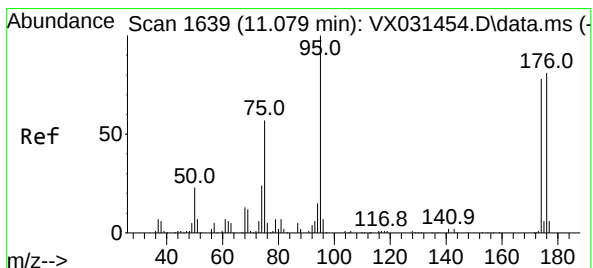
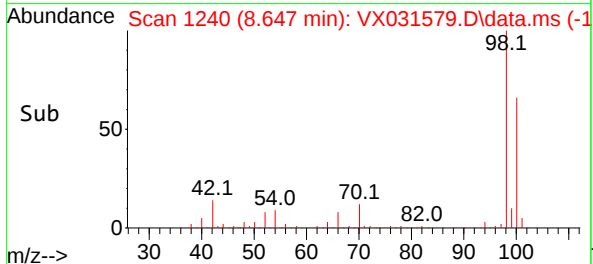
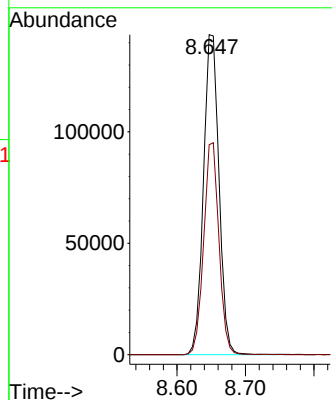
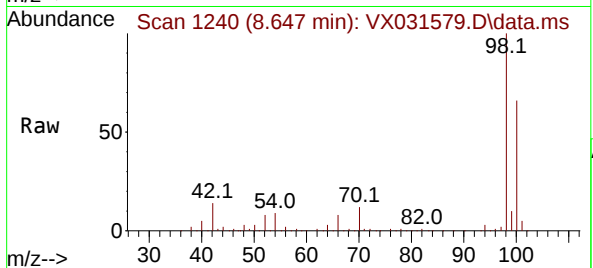
H-3RA

Tgt Ion: 98 Resp: 226980

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.767 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031579.D

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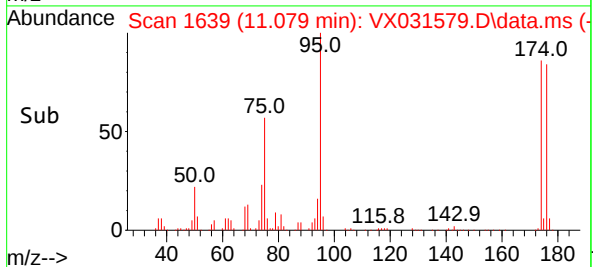
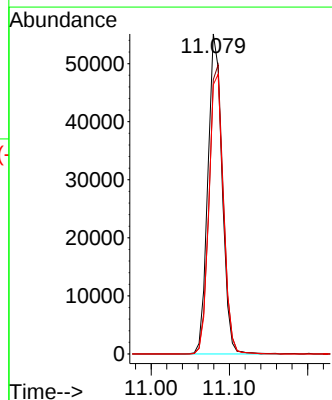
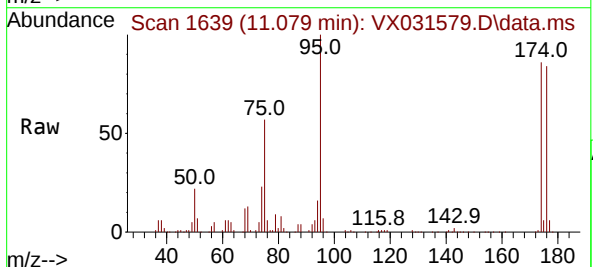
Tgt Ion: 95 Resp: 69232

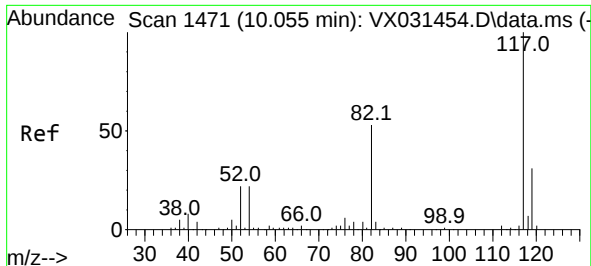
Ion Ratio Lower Upper

95 100

174 91.1 0.0 153.2

176 89.2 0.0 144.0

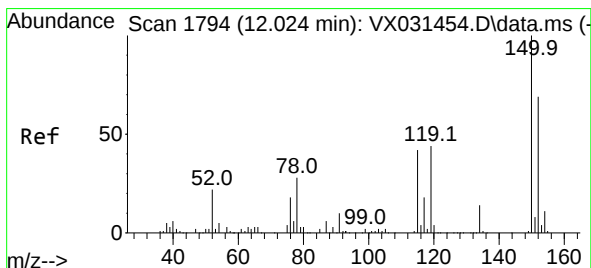
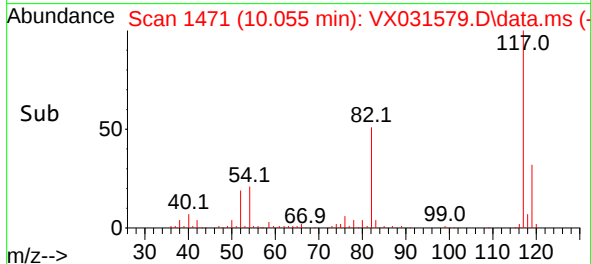
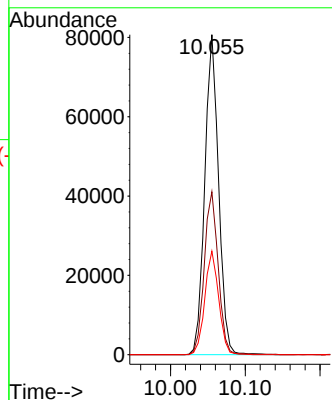
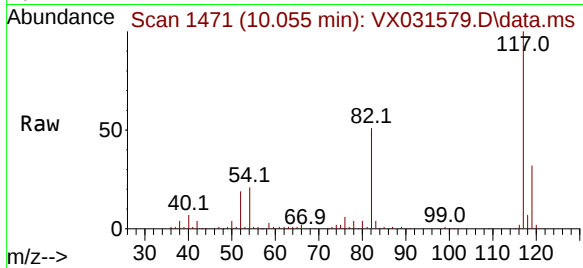




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

Instrument :
MSVOA_X
ClientSampleId :
H-3RA

Tgt Ion:117 Resp: 103551
Ion Ratio Lower Upper
117 100
82 50.9 46.8 70.2
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031579.D
Acq: 22 Sep 2022 18:41

Tgt Ion:152 Resp: 46738
Ion Ratio Lower Upper
152 100
115 54.3 43.4 130.1
150 158.3 0.0 346.8

