

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031468.D
 Acq On : 19 Sep 2022 18:26
 Operator : JC/MD
 Sample : N4558-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-TB-20220906RE

Quant Time: Sep 20 09:49:43 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)

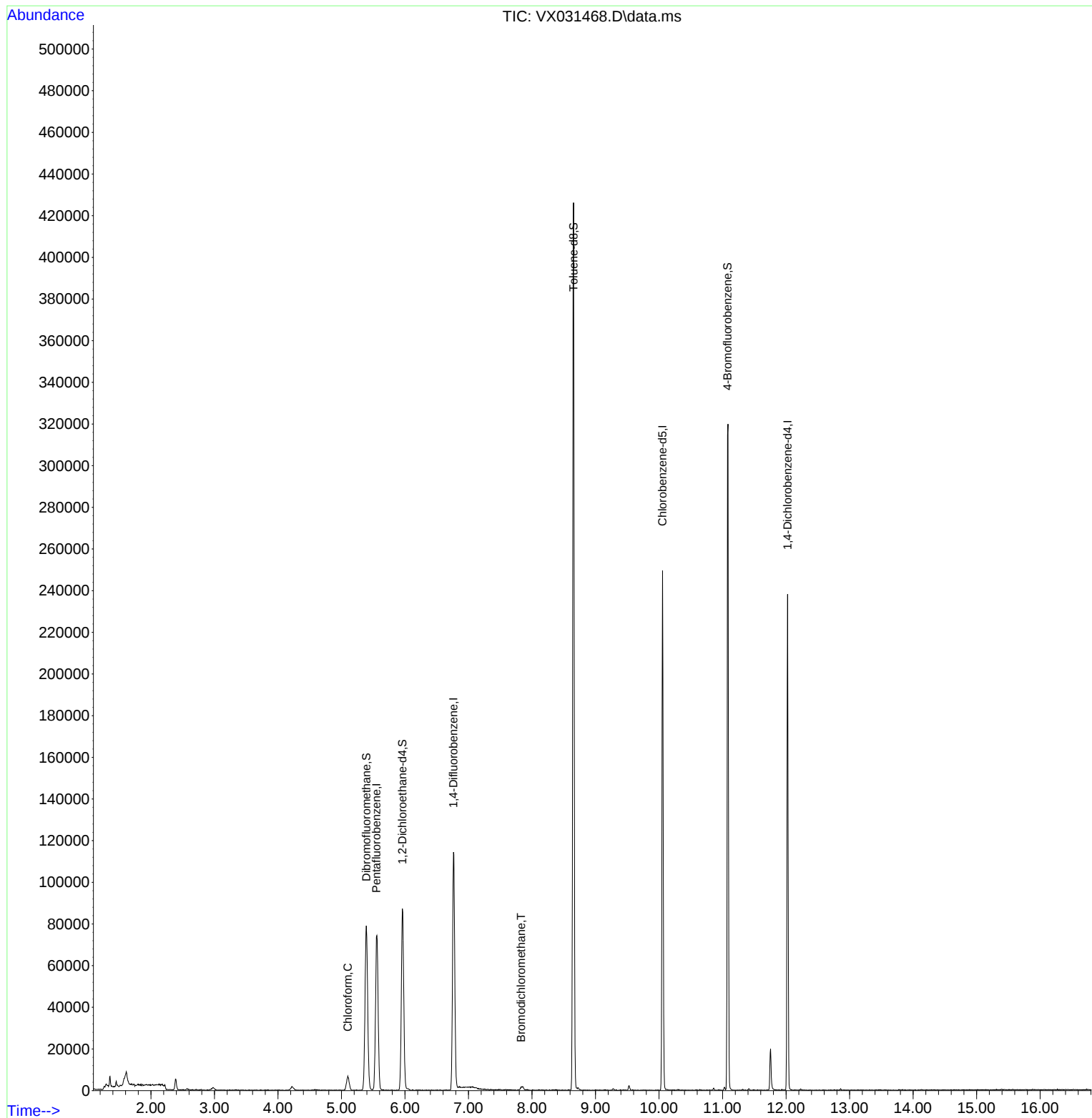
Internal Standards						
1) Pentafluorobenzene	5.550	168	72119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	117742	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77841	58.937	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.880%
35) Dibromofluoromethane	5.391	113	65292	53.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.400%
50) Toluene-d8	8.653	98	244719	52.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.340%
62) 4-Bromofluorobenzene	11.079	95	73561	46.295	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.580%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	7495	3.050	ug/l	99
47) Bromodichloromethane	7.830	83	979	0.482	ug/l #	79

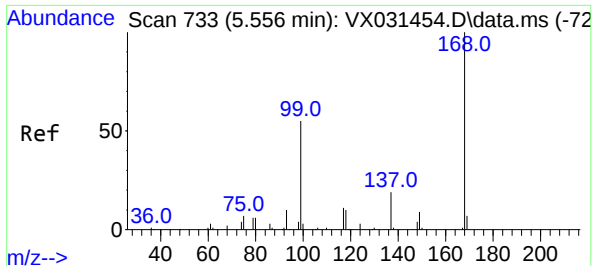
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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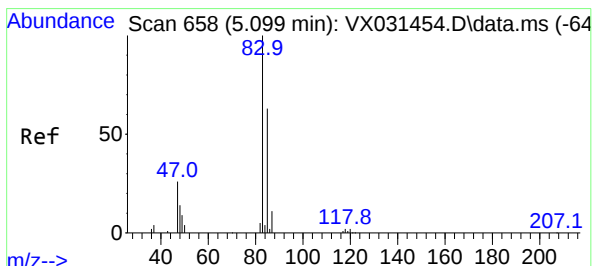
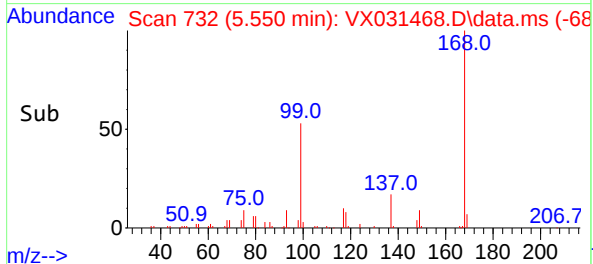
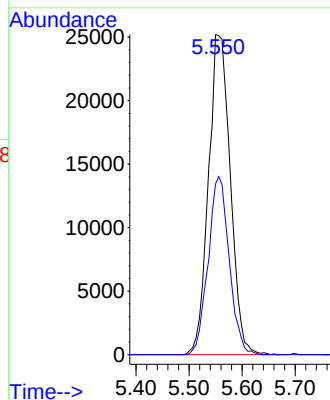
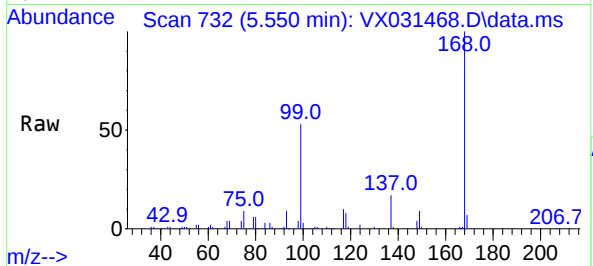




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031468.D
Acq: 19 Sep 2022 18:26

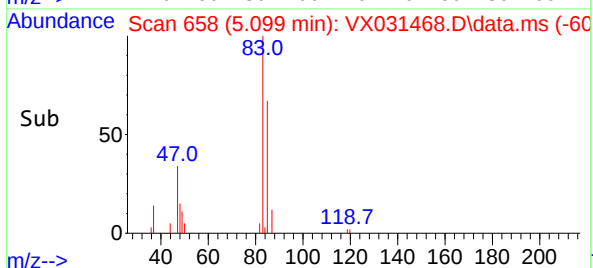
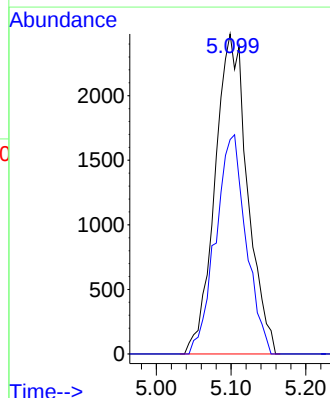
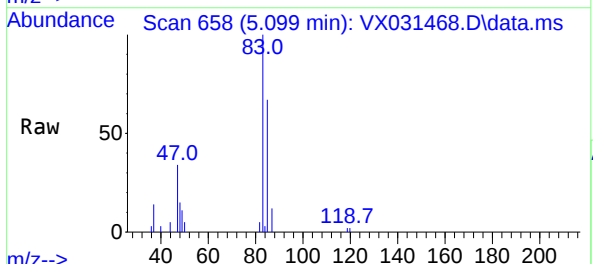
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220906RE

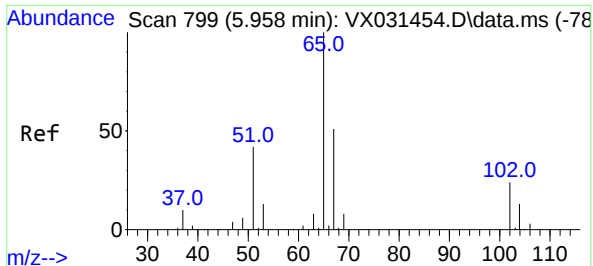
Tgt Ion:168 Resp: 72119
Ion Ratio Lower Upper
168 100
99 53.4 48.8 73.2



#30
Chloroform
Concen: 3.050 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX031468.D
Acq: 19 Sep 2022 18:26

Tgt Ion: 83 Resp: 7495
Ion Ratio Lower Upper
83 100
85 67.0 52.8 79.2





#33

1,2-Dichloroethane-d4

Concen: 58.937 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031468.D

Acq: 19 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

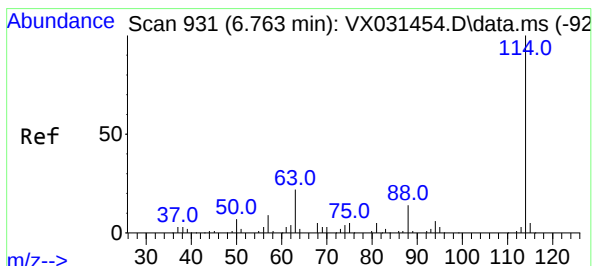
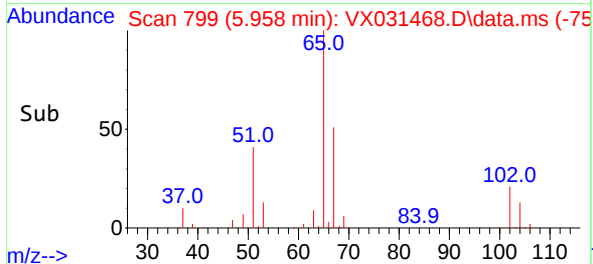
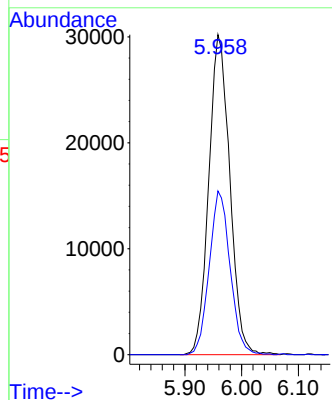
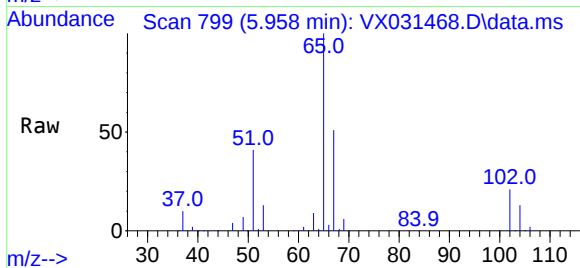
BP-VPB-RW5-TB-20220906RE

Tgt Ion: 65 Resp: 77841

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031468.D

Acq: 19 Sep 2022 18:26

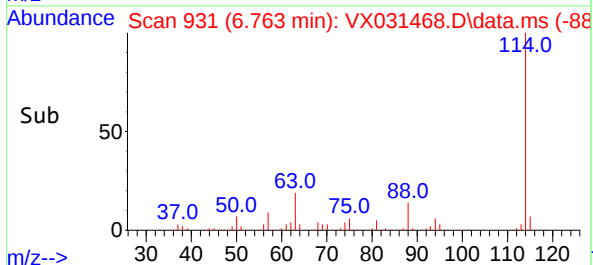
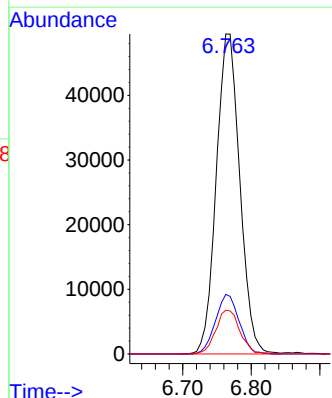
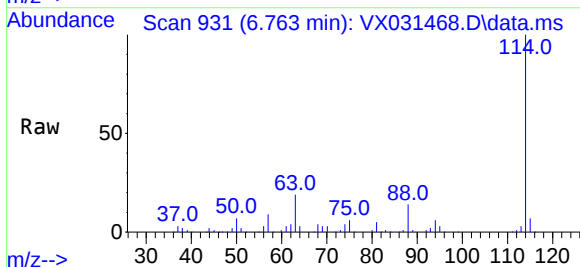
Tgt Ion: 114 Resp: 117742

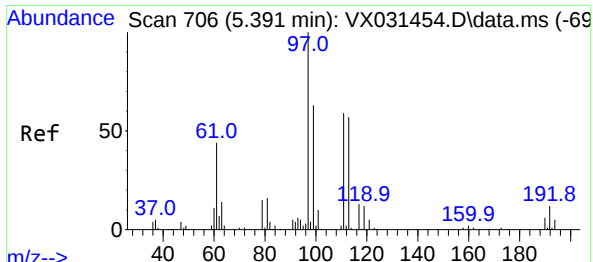
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

88 13.7 0.0 33.0

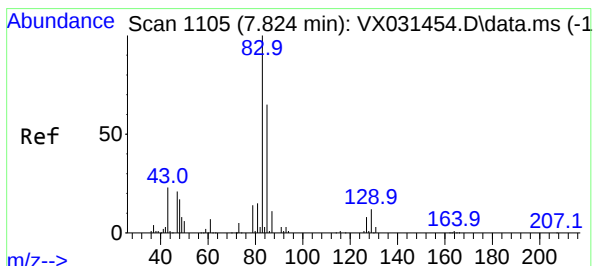
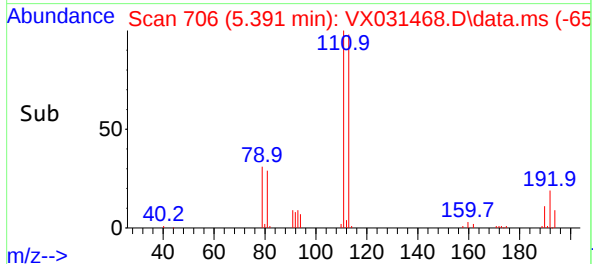
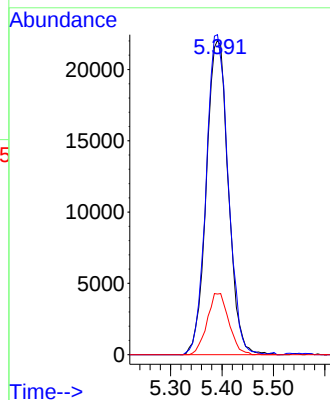
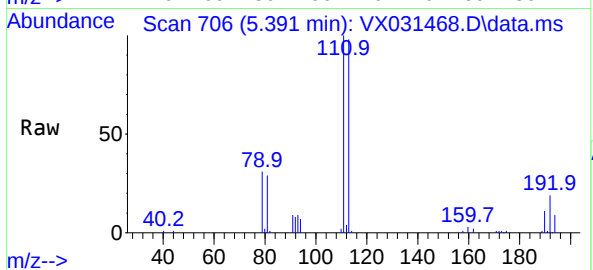




#35
Dibromofluoromethane
Concen: 53.704 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031468.D
Acq: 19 Sep 2022 18:26

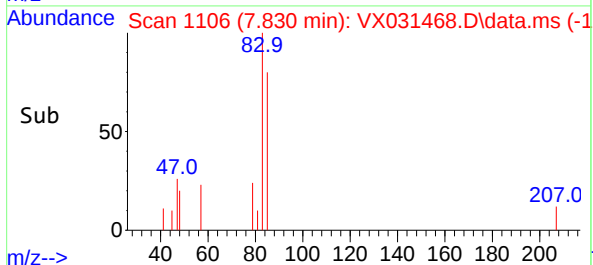
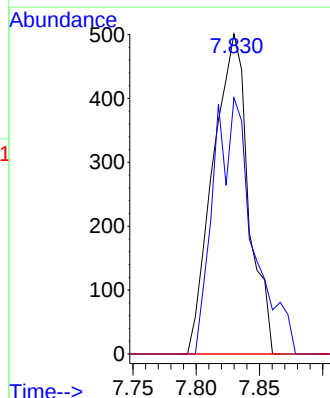
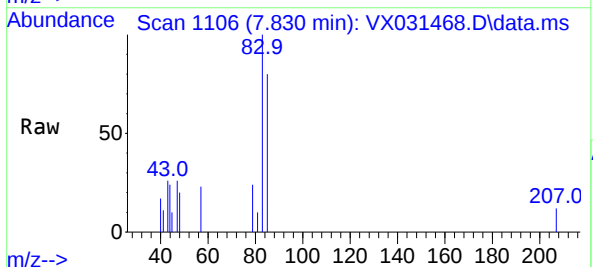
Instrument :
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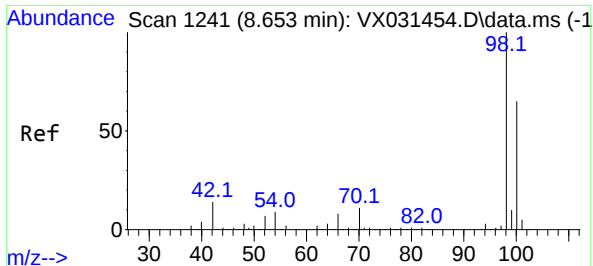
Tgt Ion:113 Resp: 65292
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.2 14.1 21.1



#47
Bromodichloromethane
Concen: 0.482 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX031468.D
Acq: 19 Sep 2022 18:26

Tgt Ion: 83 Resp: 979
Ion Ratio Lower Upper
83 100
85 80.0 51.0 76.6#
127 0.0 7.0 10.6#





#50

Toluene-d8

Concen: 52.168 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031468.D

Acq: 19 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

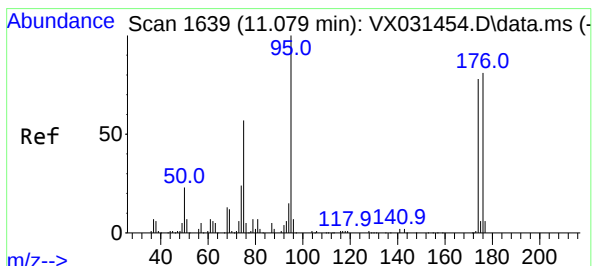
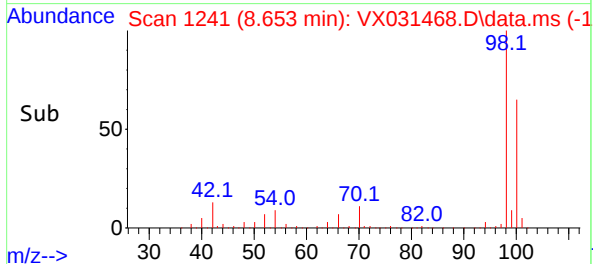
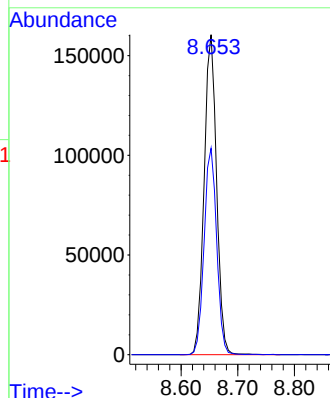
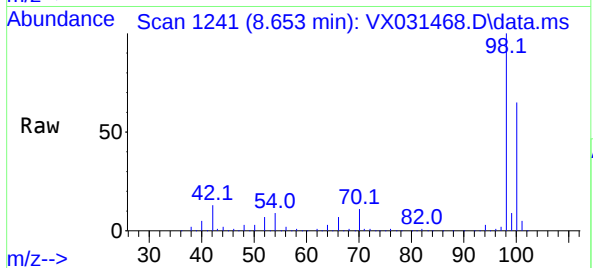
BP-VPB-RW5-TB-20220906RE

Tgt Ion: 98 Resp: 244719

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 46.295 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031468.D

Acq: 19 Sep 2022 18:26

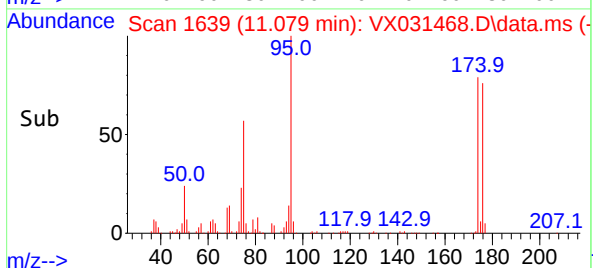
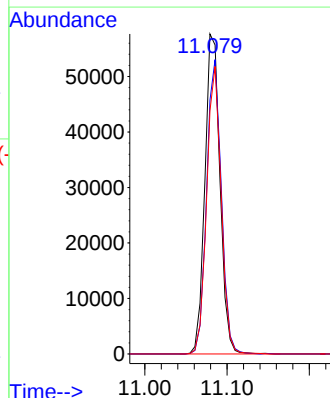
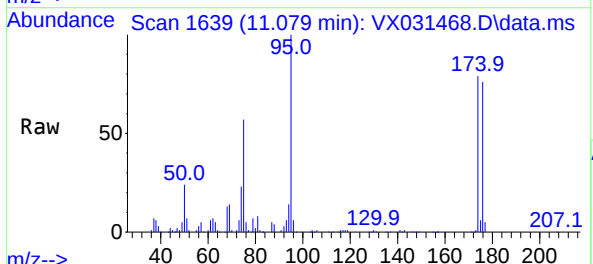
Tgt Ion: 95 Resp: 73561

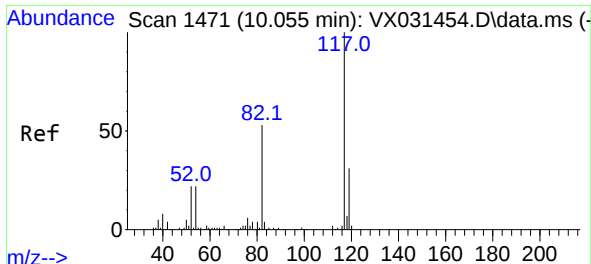
Ion Ratio Lower Upper

95 100

174 89.6 0.0 153.2

176 86.4 0.0 144.0

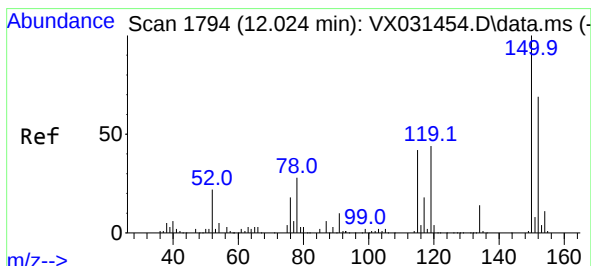
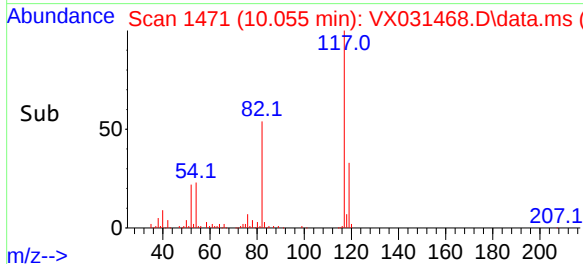
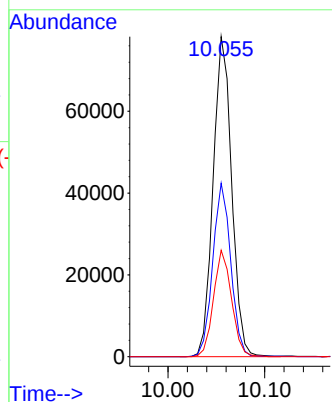
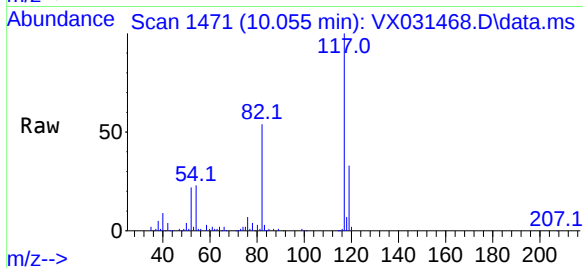




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031468.D
Acq: 19 Sep 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220906RE

Tgt Ion:	117	Resp:	104278
Ion Ratio	Lower	Upper	
117	100		
82	54.2	46.8	70.2
119	33.2	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: VX031468.D
Acq: 19 Sep 2022 18:26

Tgt Ion:	152	Resp:	44586
Ion Ratio	Lower	Upper	
152	100		
115	58.5	43.4	130.1
150	158.9	0.0	346.8

