

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033830.D
 Acq On : 20 Jan 2023 15:54
 Operator : JC/MD
 Sample : 01242-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-TB-20230116

Quant Time: Jan 21 04:45:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

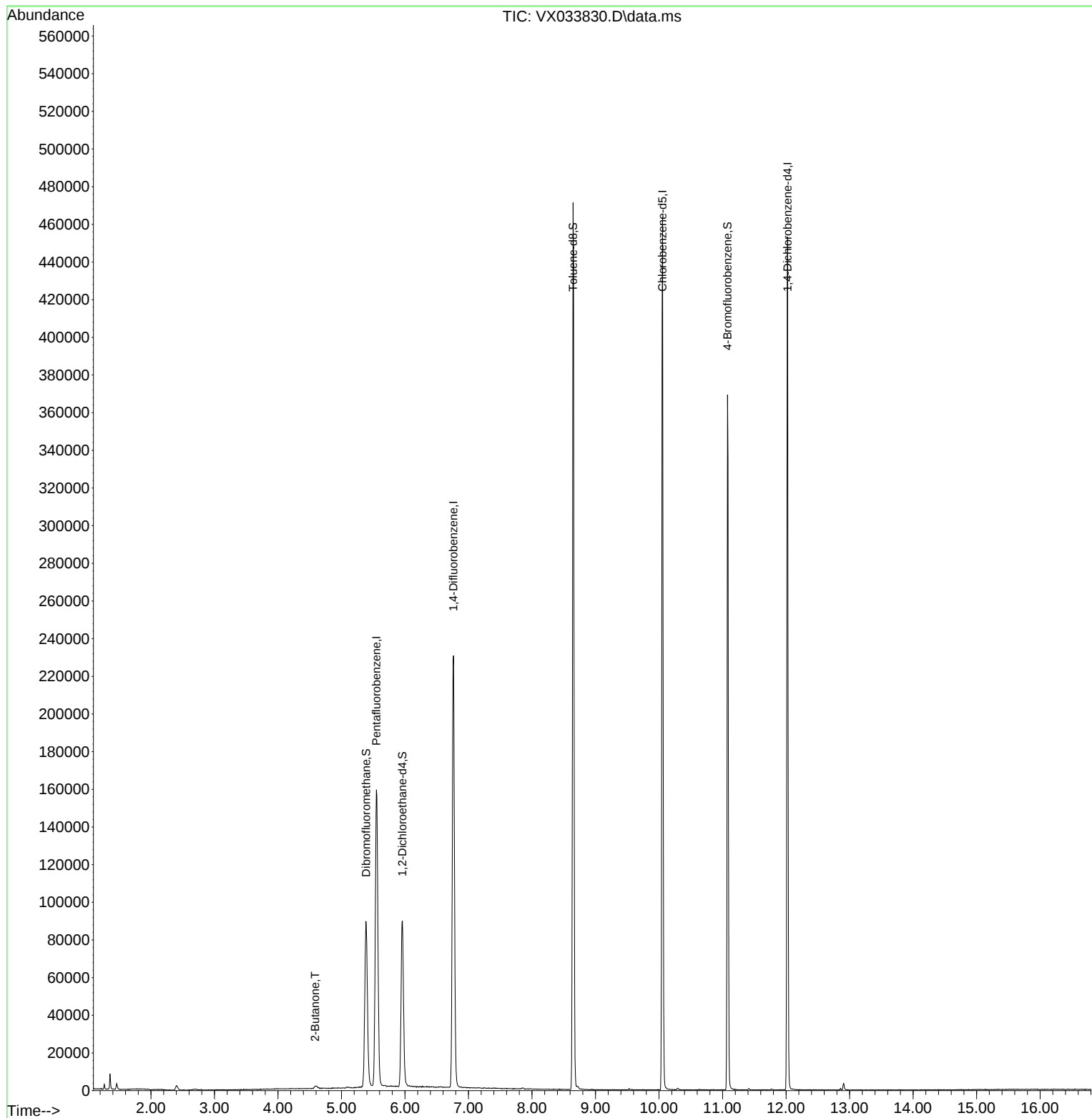
Internal Standards						
1) Pentafluorobenzene	5.550	168	170604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84797	47.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.420%
35) Dibromofluoromethane	5.385	113	76875	49.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	8.646	98	286312	50.694	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.380%
62) 4-Bromofluorobenzene	11.079	95	97704	46.594	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.180%
Target Compounds						
25) 2-Butanone	4.586	43	3449	2.939	ug/l	Qvalue # 89

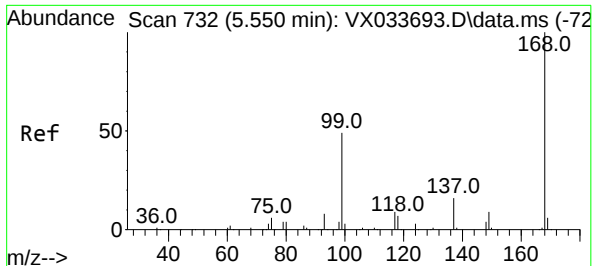
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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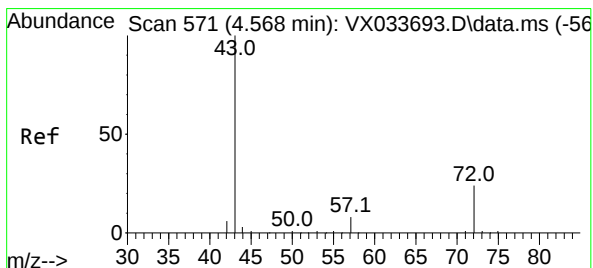
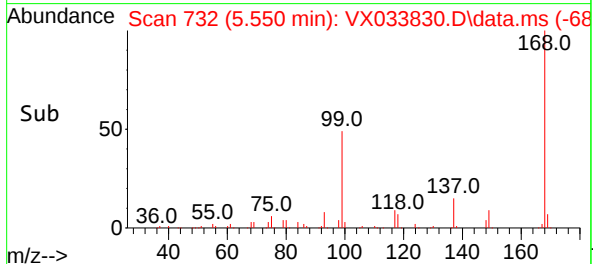
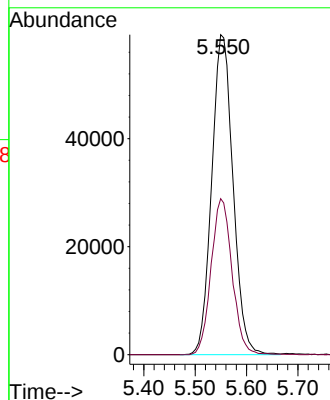
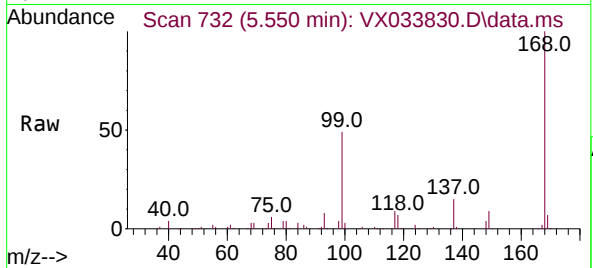




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

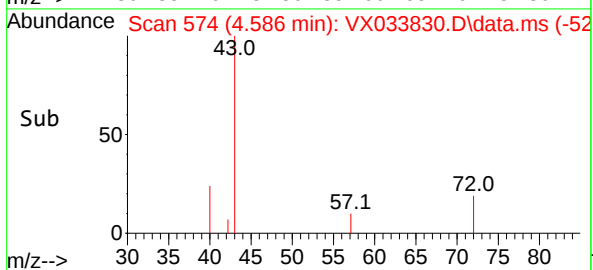
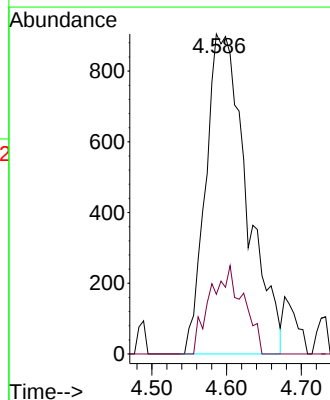
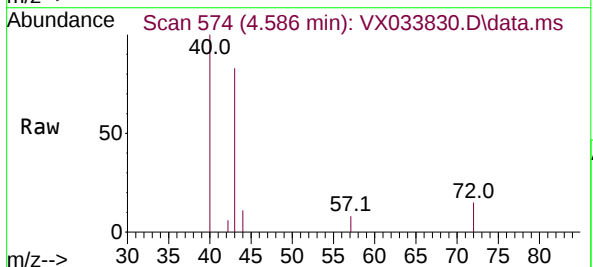
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230116

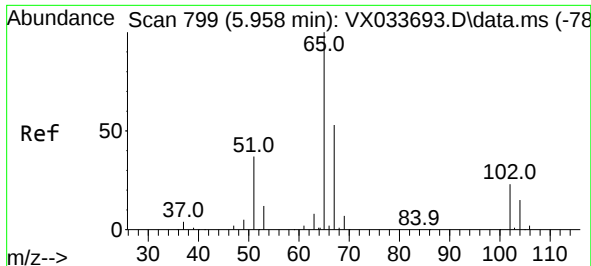
Tgt Ion:168 Resp: 170604
Ion Ratio Lower Upper
168 100
99 48.7 39.6 59.4



#25
2-Butanone
Concen: 2.939 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Tgt Ion: 43 Resp: 3449
Ion Ratio Lower Upper
43 100
72 18.7 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 47.206 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

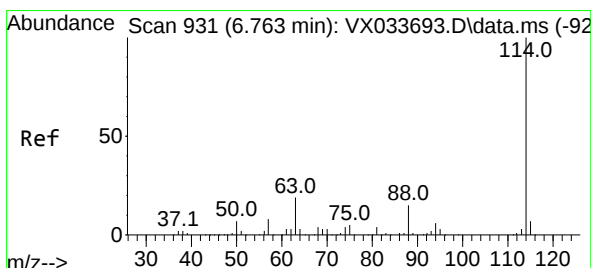
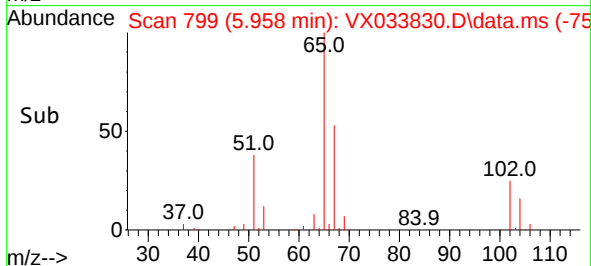
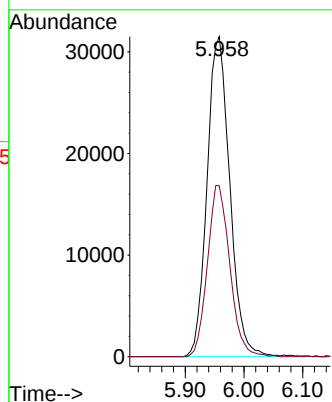
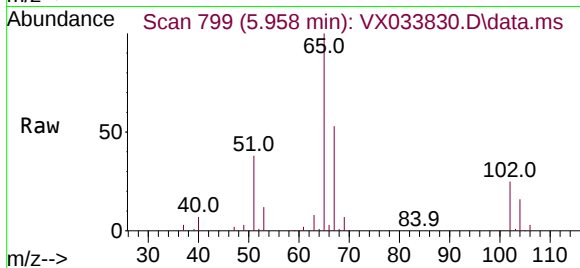
BP-VPB-RW10-TB-20230116

Tgt Ion: 65 Resp: 84797

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

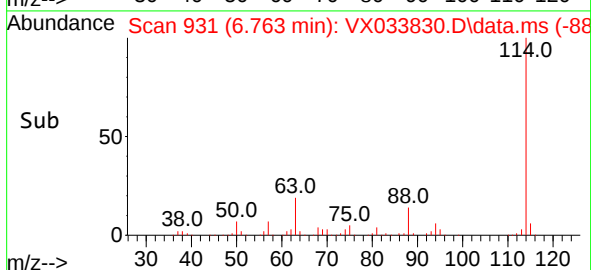
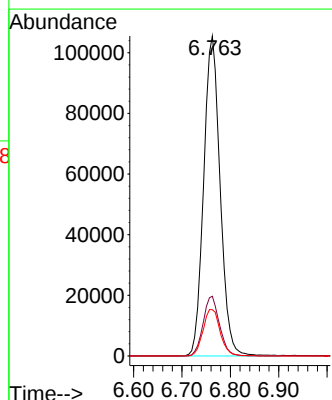
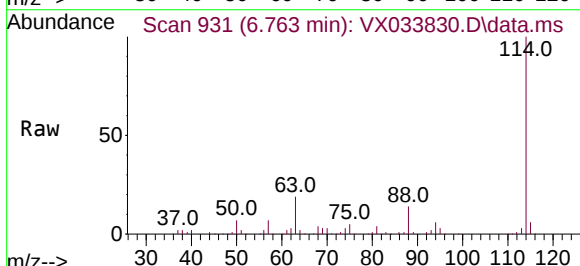
Tgt Ion: 114 Resp: 249636

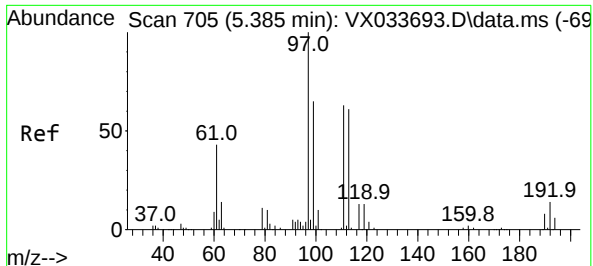
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 14.4 0.0 30.6

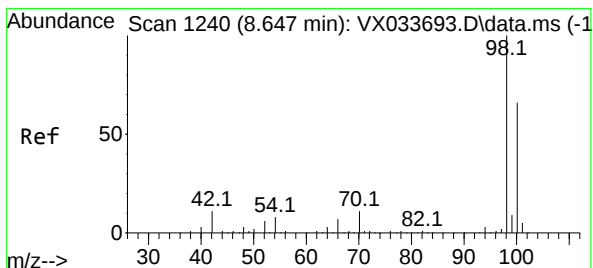
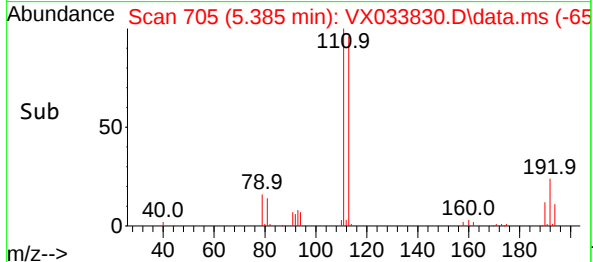
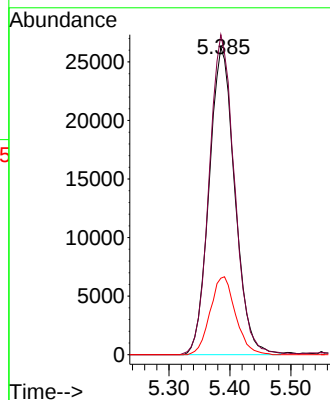
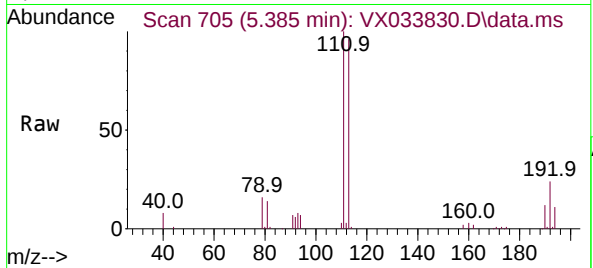




#35
Dibromofluoromethane
Concen: 49.593 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

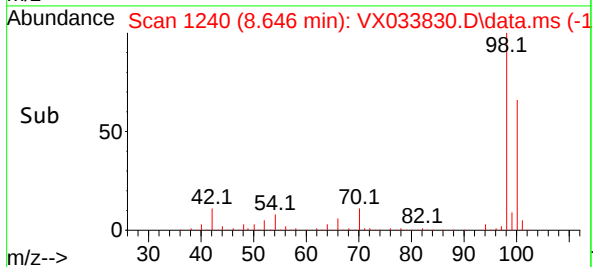
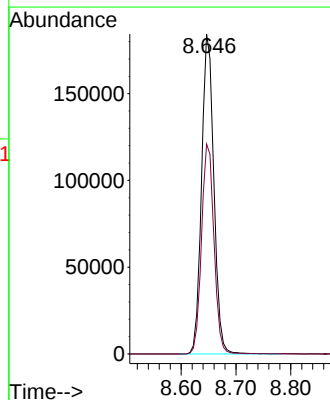
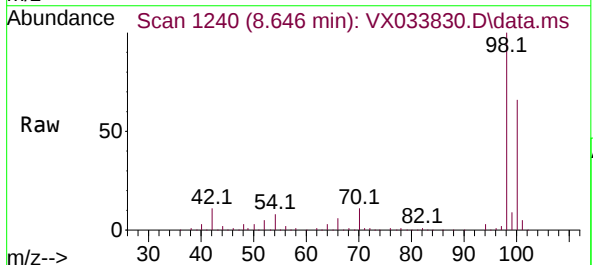
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230116

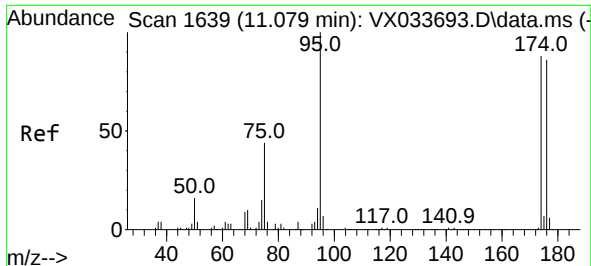
Tgt Ion:113 Resp: 76875
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 25.0 19.0 28.4



#50
Toluene-d8
Concen: 50.694 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033830.D
Acq: 20 Jan 2023 15:54

Tgt Ion: 98 Resp: 286312
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4





#62

4-Bromofluorobenzene

Concen: 46.594 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033830.D

Acq: 20 Jan 2023 15:54

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-TB-20230116

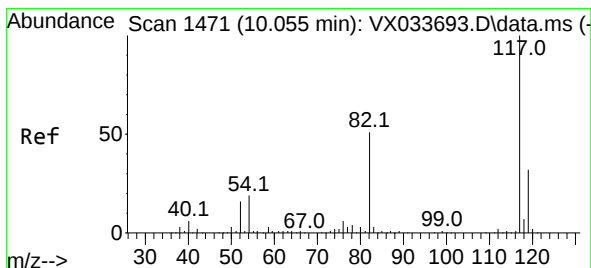
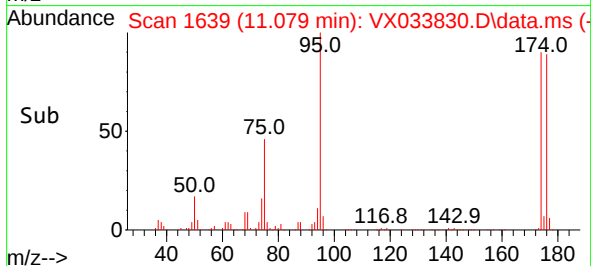
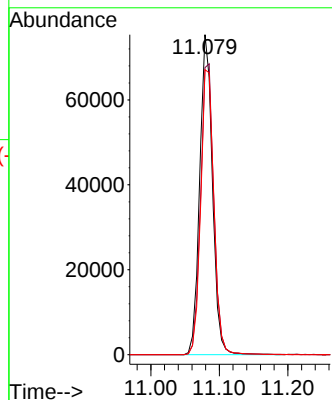
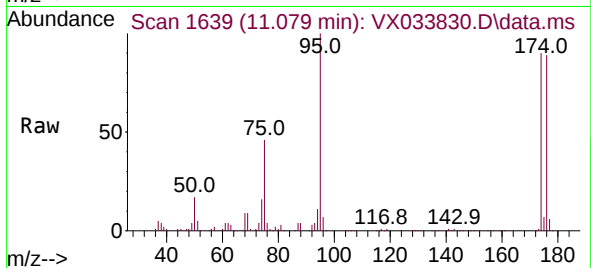
Tgt Ion: 95 Resp: 97704

Ion Ratio Lower Upper

95 100

174 94.7 0.0 184.4

176 92.4 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: VX033830.D

Acq: 20 Jan 2023 15:54

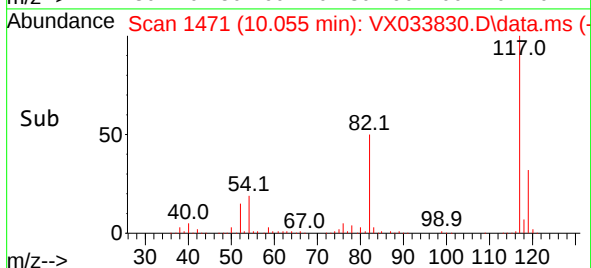
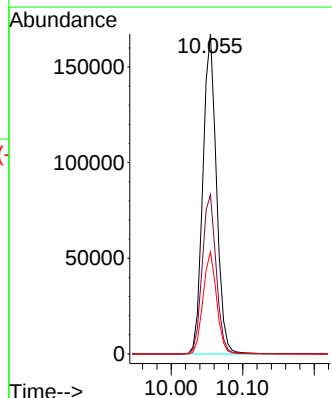
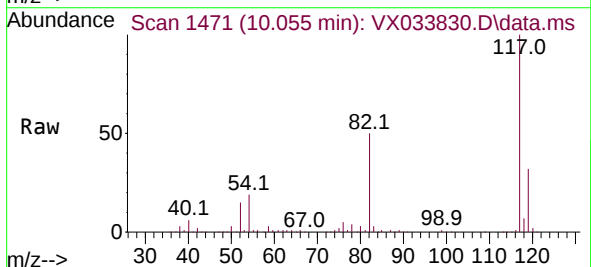
Tgt Ion: 117 Resp: 221397

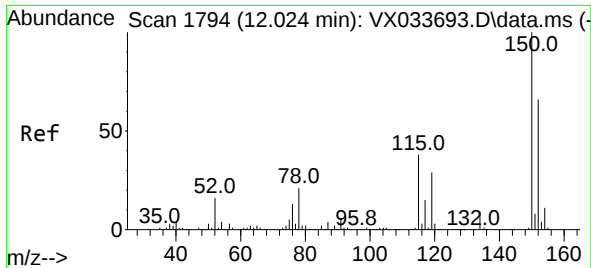
Ion Ratio Lower Upper

117 100

82 49.8 40.6 60.8

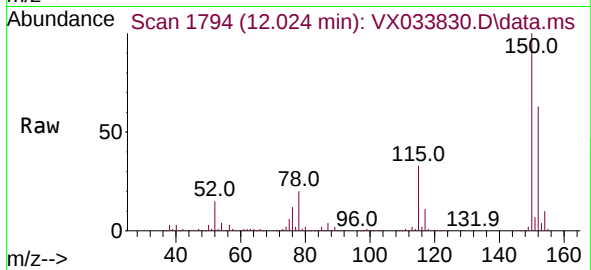
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX033830.D
 Acq: 20 Jan 2023 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-TB-20230116



Tgt Ion:152 Resp: 104251
 Ion Ratio Lower Upper
 152 100
 115 53.9 38.7 116.1
 150 157.4 0.0 348.2

