

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037888.D
 Acq On : 25 Sep 2023 11:47
 Operator : JC/MD
 Sample : 04595-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-TB-20230920

Quant Time: Sep 26 06:57:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

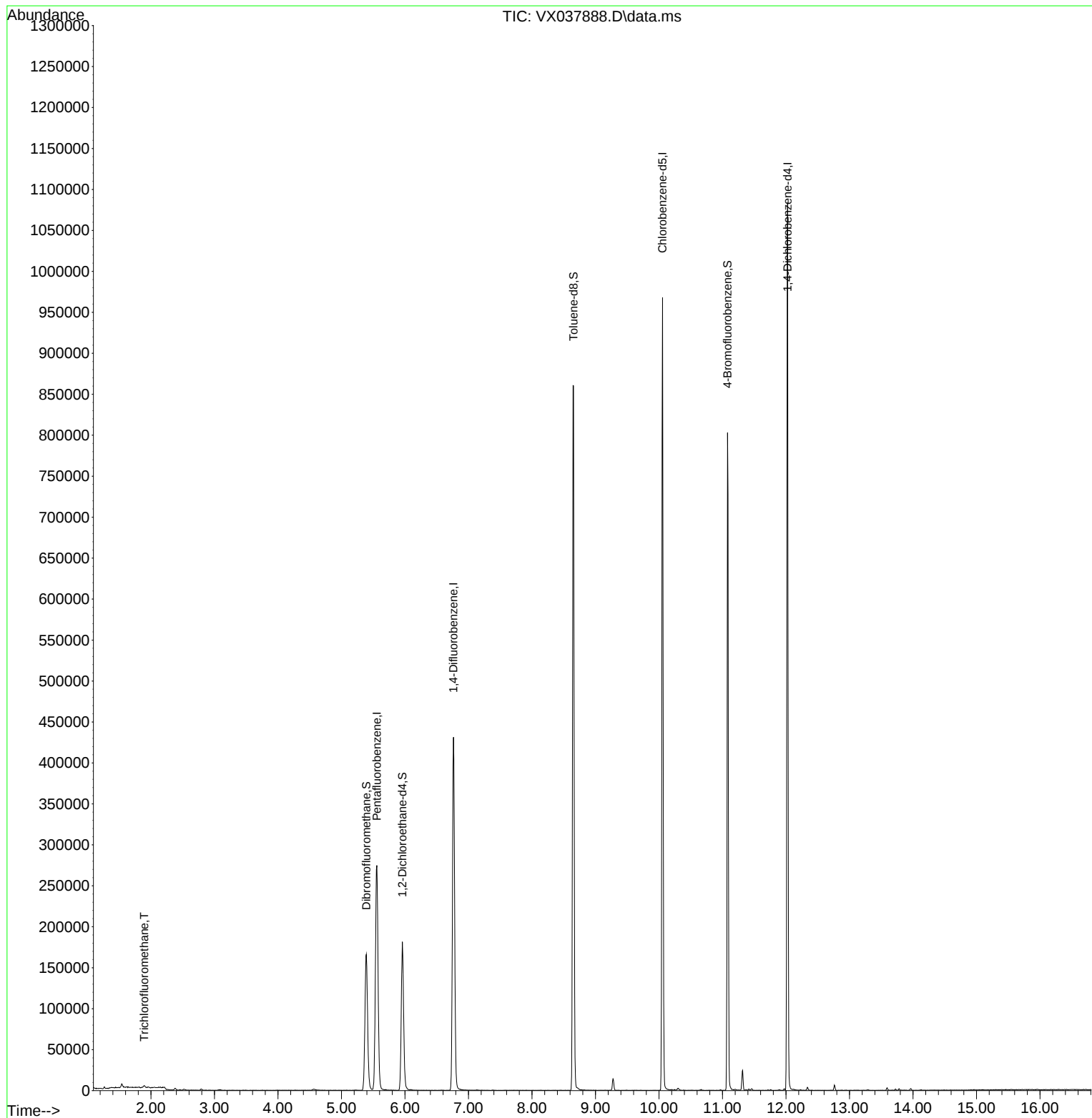
Internal Standards						
1) Pentafluorobenzene	5.556	168	269683	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	452133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165828	46.801	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.600%
35) Dibromofluoromethane	5.391	113	145375	48.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.653	98	541375	48.162	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.079	95	208101	50.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.900%
Target Compounds						
7) Trichlorofluoromethane	1.892	101	1199	0.224	ug/l	Qvalue 92

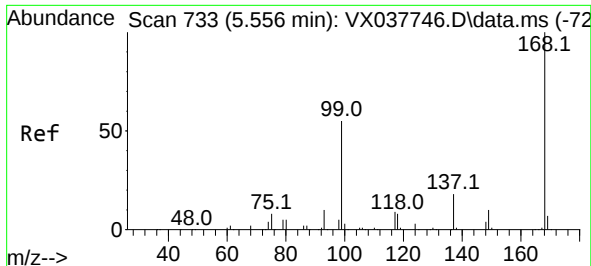
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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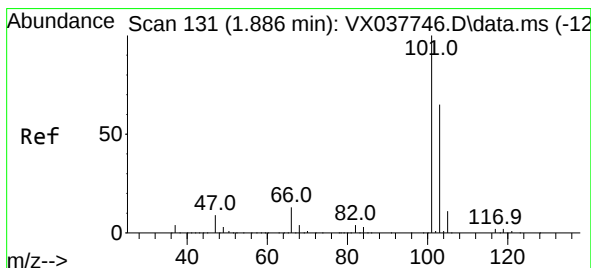
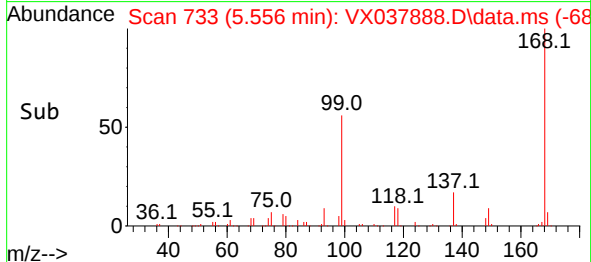
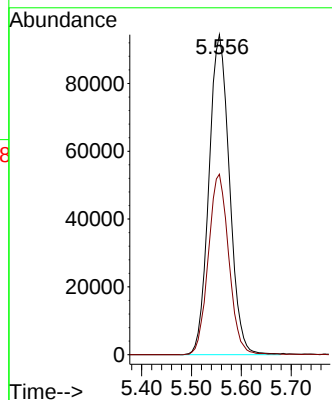
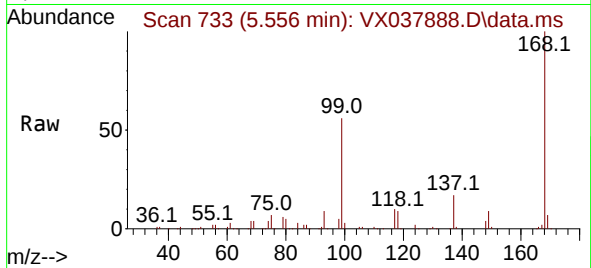




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

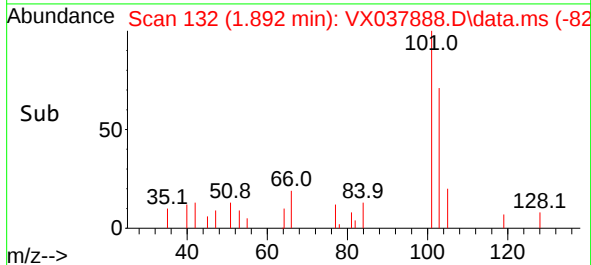
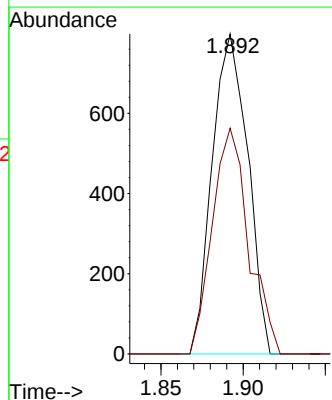
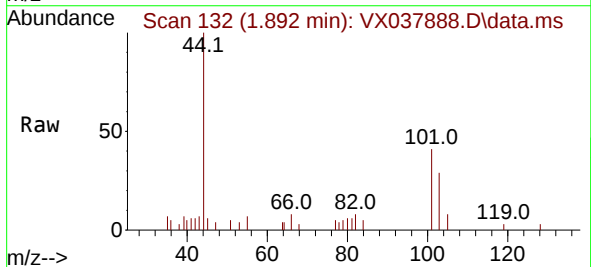
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230920

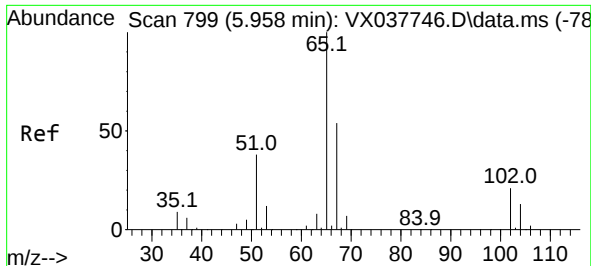
Tgt Ion:168 Resp: 269683
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#7
Trichlorofluoromethane
Concen: 0.224 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion:101 Resp: 1199
Ion Ratio Lower Upper
101 100
103 70.6 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 46.801 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037888.D

Acq: 25 Sep 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

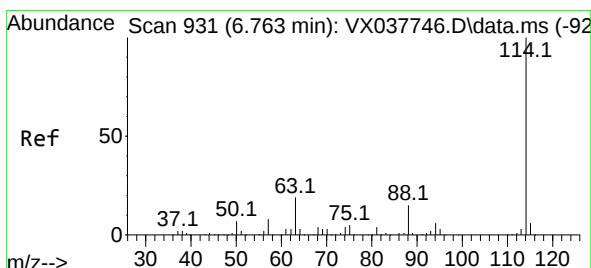
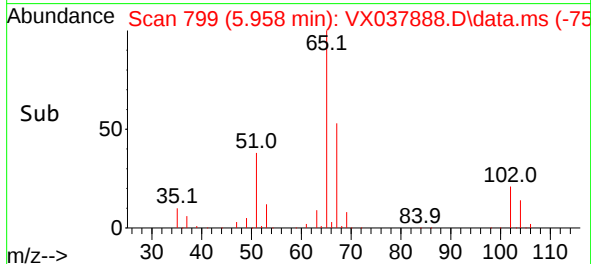
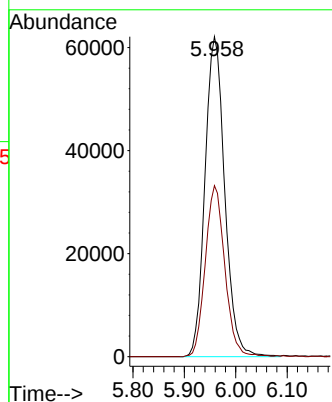
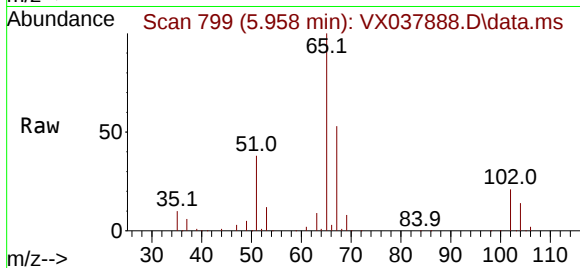
BP-VPB-RW10A-TB-20230920

Tgt Ion: 65 Resp: 165828

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037888.D

Acq: 25 Sep 2023 11:47

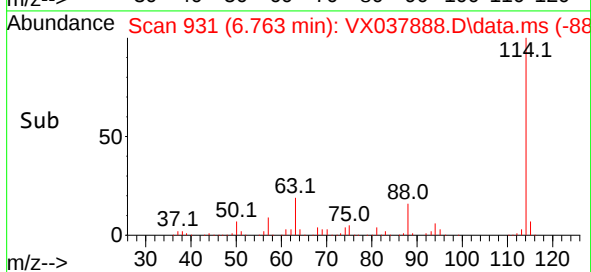
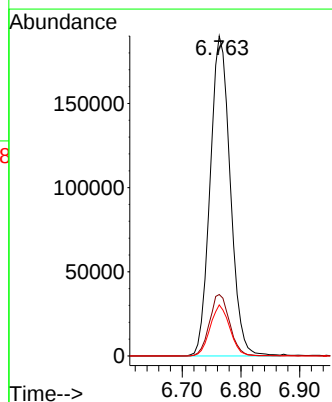
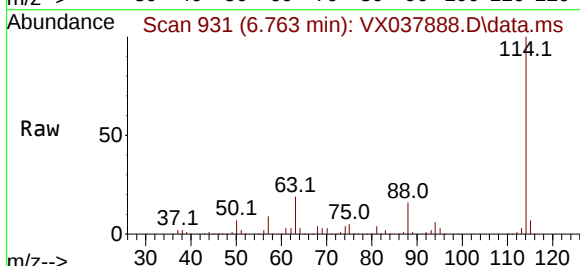
Tgt Ion: 114 Resp: 452133

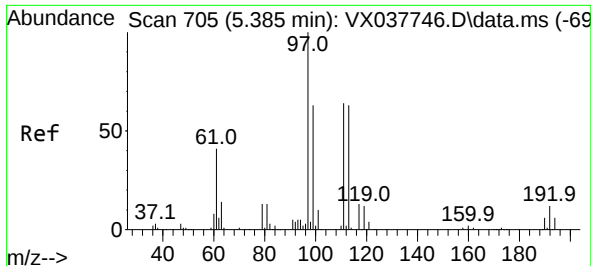
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.9 0.0 36.6

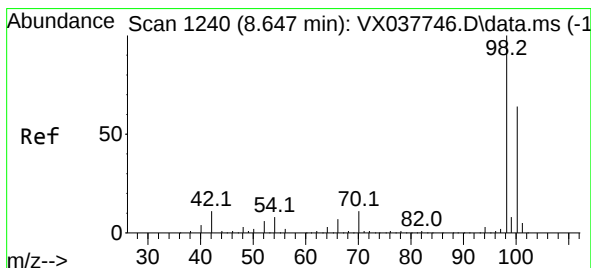
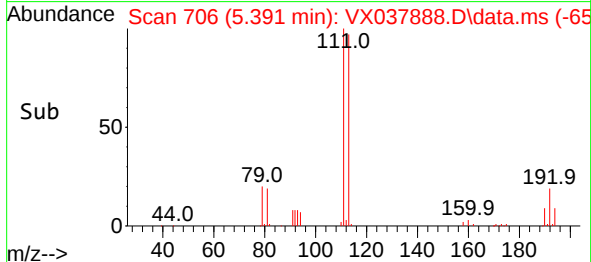
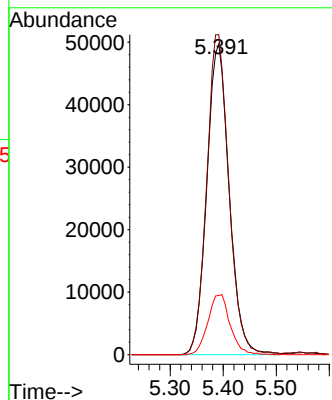
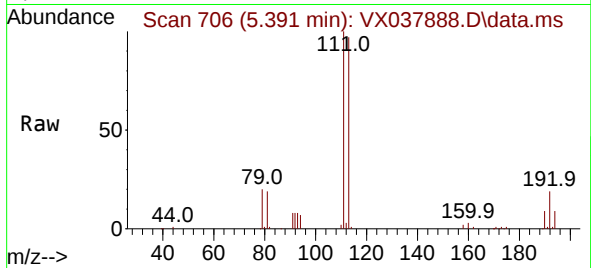




#35
Dibromofluoromethane
Concen: 48.054 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

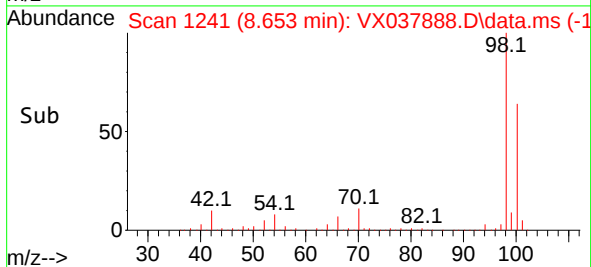
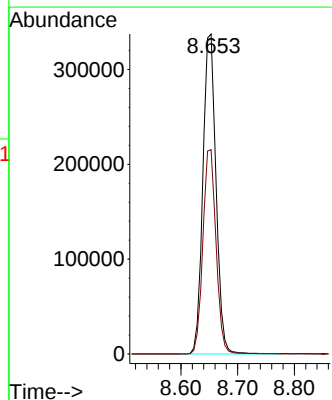
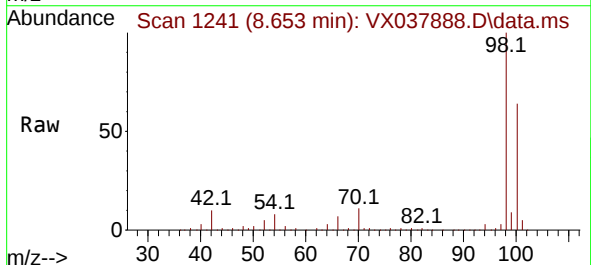
Instrument :
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ClientSampleId :
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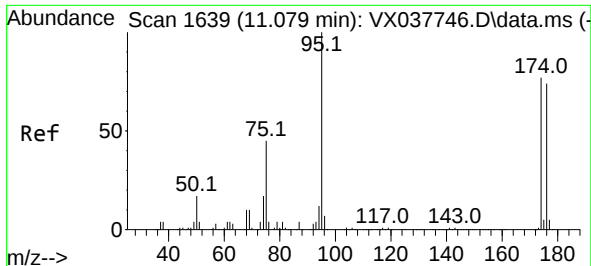
Tgt Ion:113 Resp: 145375
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.3 13.3 19.9



#50
Toluene-d8
Concen: 48.162 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion: 98 Resp: 541375
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

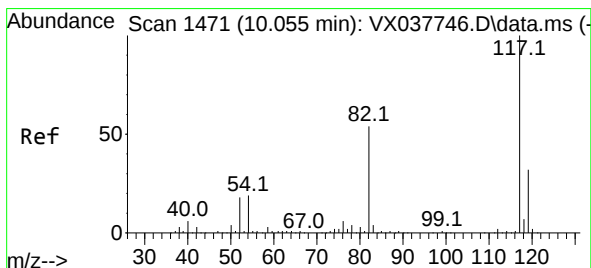
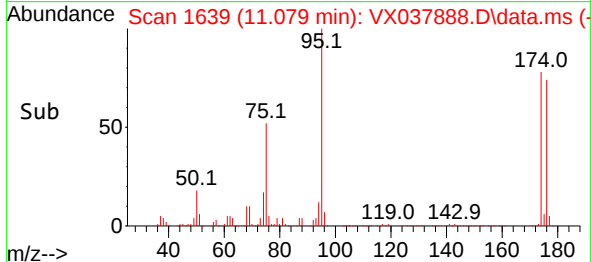
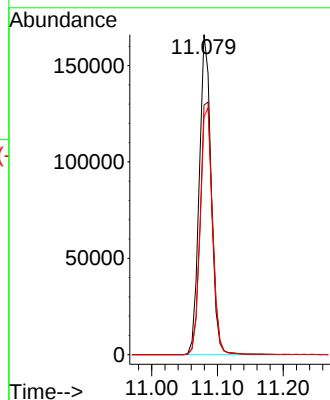
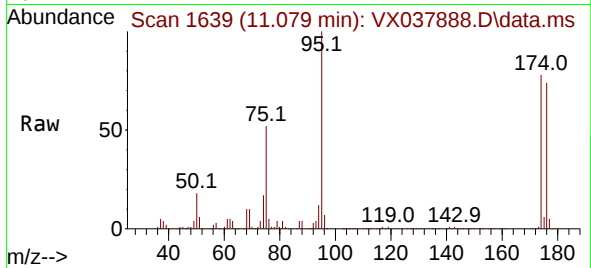




#62
4-Bromofluorobenzene
Concen: 50.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

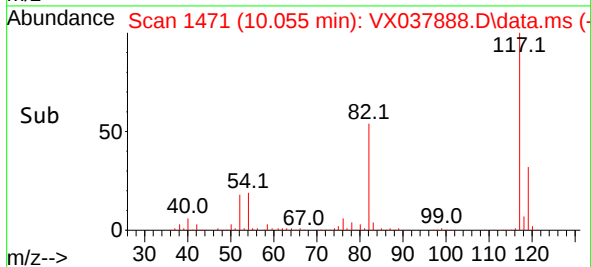
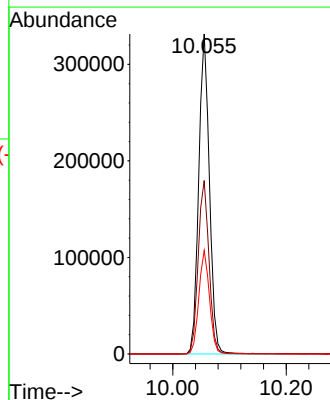
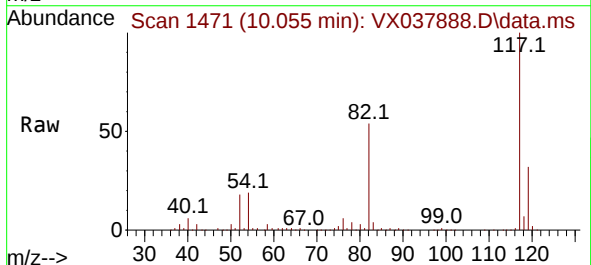
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-TB-20230920

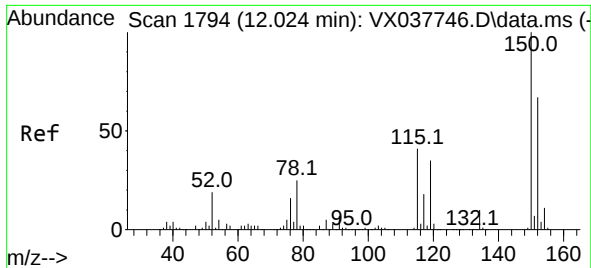
Tgt Ion: 95 Resp: 208101
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 79.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037888.D
Acq: 25 Sep 2023 11:47

Tgt Ion: 117 Resp: 433082
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037888.D

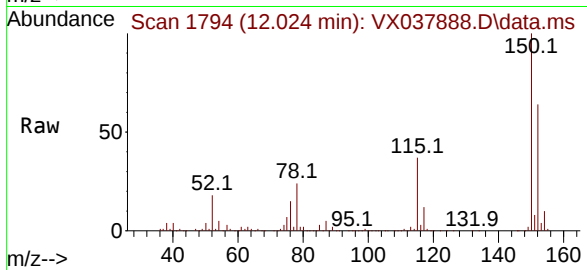
Acq: 25 Sep 2023 11:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10A-TB-20230920



Tgt Ion:152 Resp: 228007

Ion Ratio Lower Upper

152 100

115 60.3 43.3 129.9

150 157.1 0.0 345.0

