

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038436.D
 Acq On : 23 Oct 2023 16:37
 Operator : JC/MD
 Sample : 05007-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-4

Quant Time: Oct 24 00:04:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

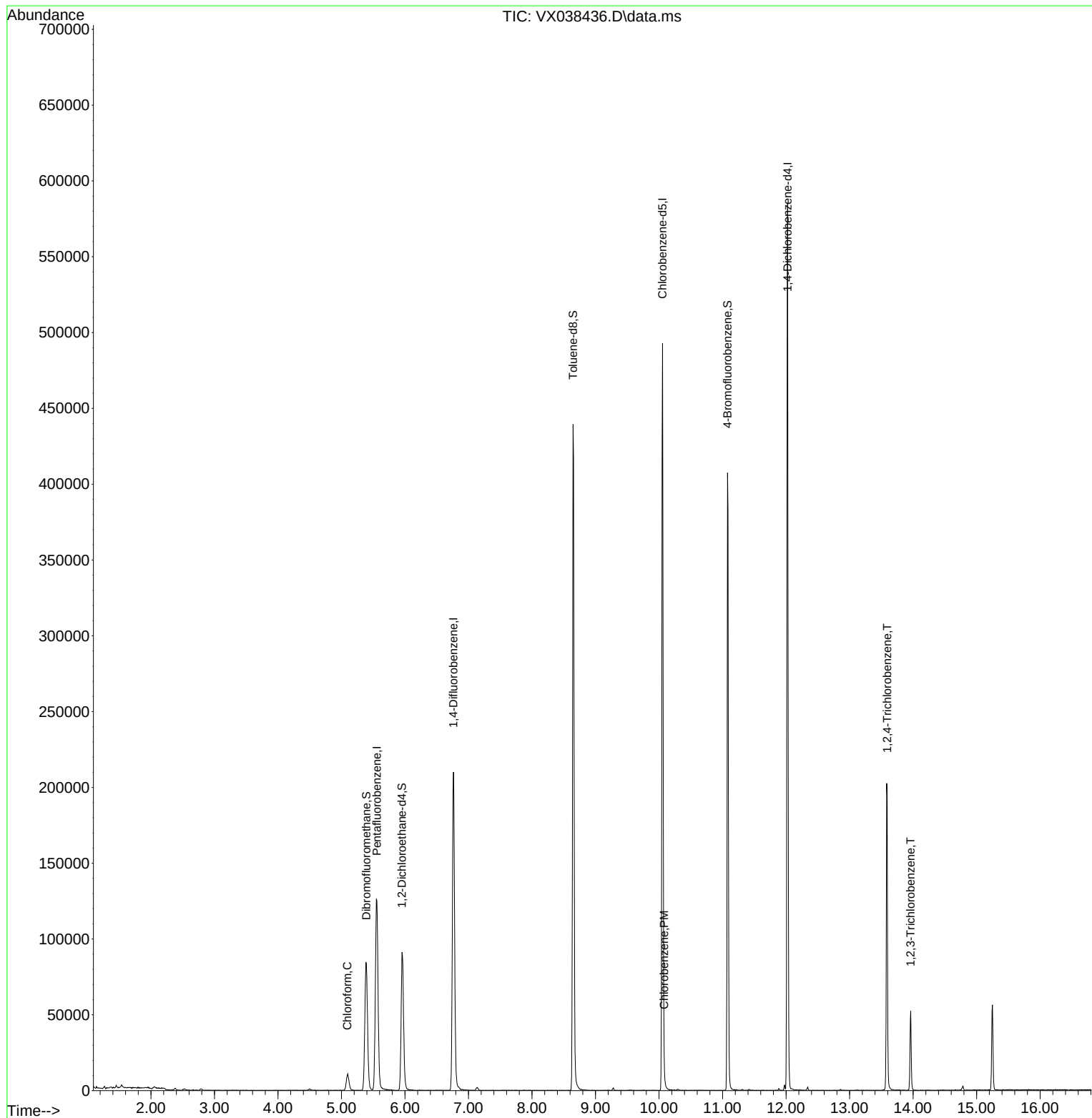
Internal Standards						
1) Pentafluorobenzene	5.556	168	122932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222463	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88262	44.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.280%
35) Dibromofluoromethane	5.391	113	74154	46.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.646	98	275946	45.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.100%#
62) 4-Bromofluorobenzene	11.079	95	105637	45.490	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.980%
Target Compounds						
					Qvalue	
30) Chloroform	5.092	83	12999	4.646	ug/l	93
65) Chlorobenzene	10.079	112	1454	0.307	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	50282	19.875	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	13097	5.346	ug/l	97

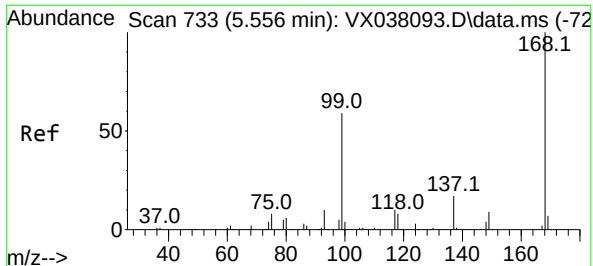
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 24 00:04:29 2023
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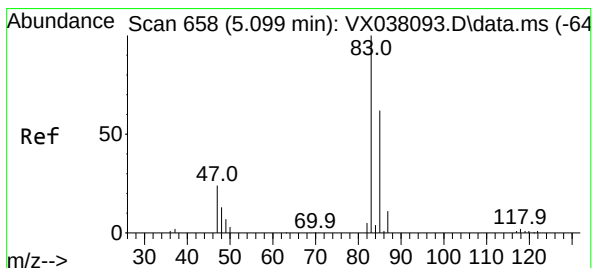
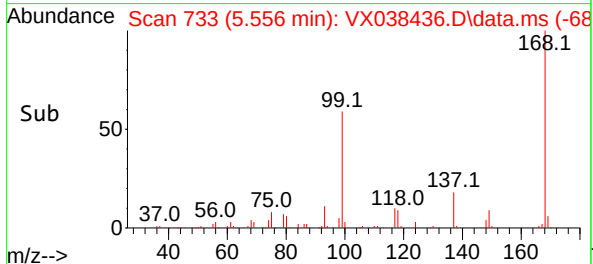
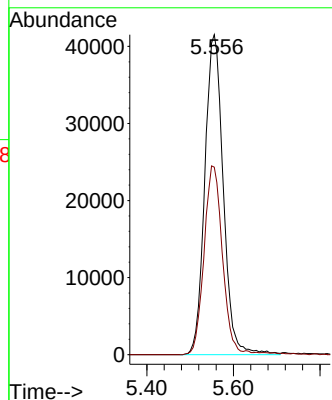
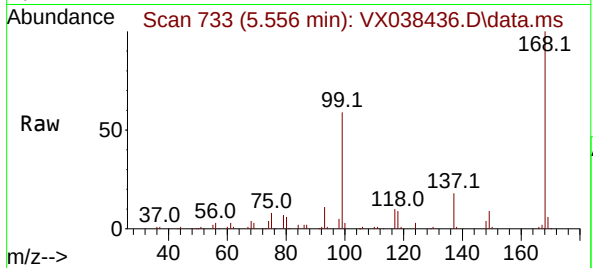




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

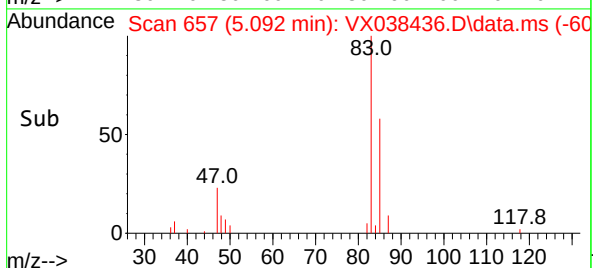
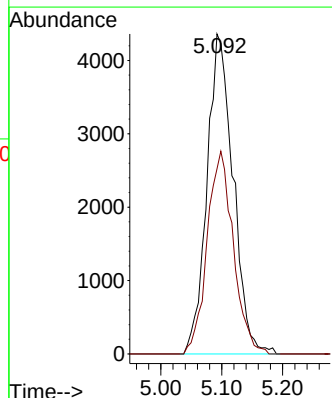
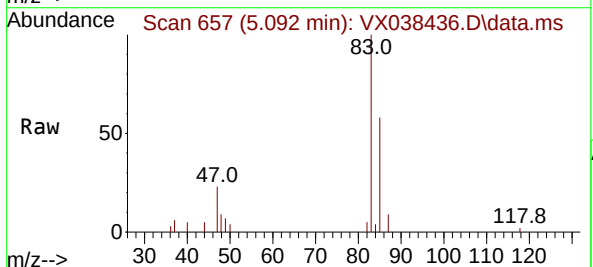
Instrument :
MSVOA_X
ClientSampleId :
DUP-4

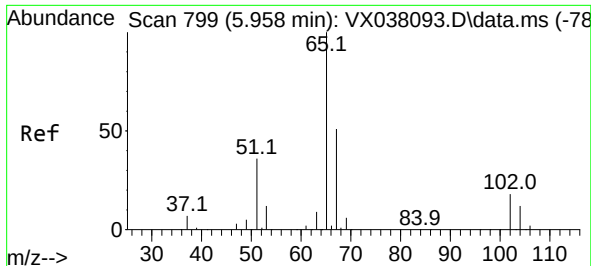
Tgt Ion:168 Resp: 122932
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#30
Chloroform
Concen: 4.646 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion: 83 Resp: 12999
Ion Ratio Lower Upper
83 100
85 57.8 50.3 75.5

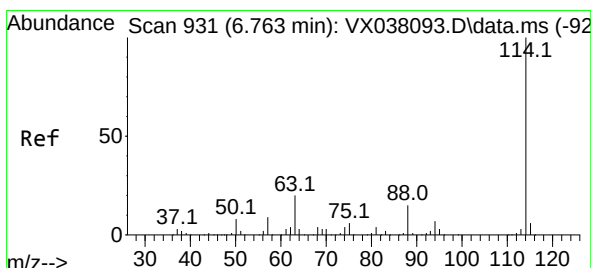
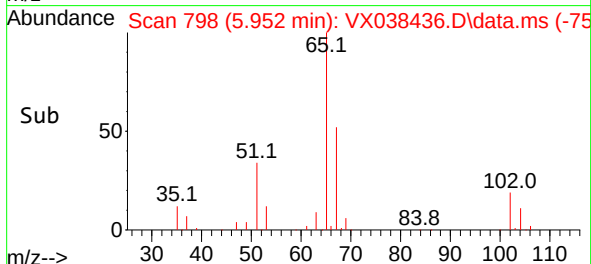
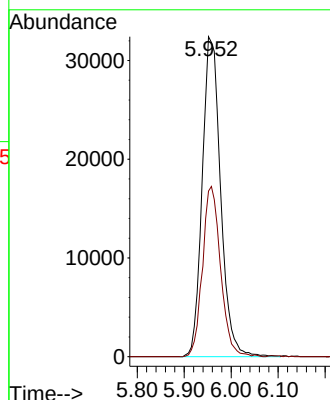
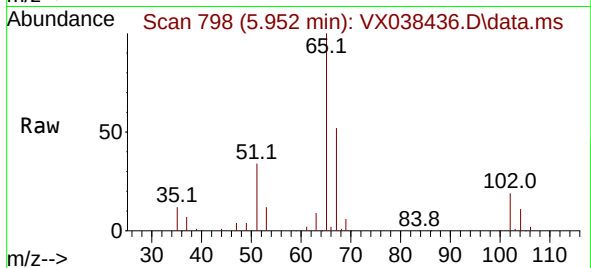




#33
 1,2-Dichloroethane-d4
 Concen: 44.638 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

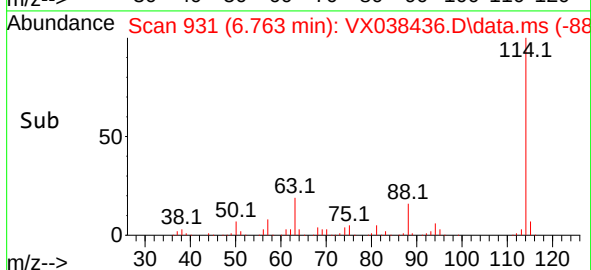
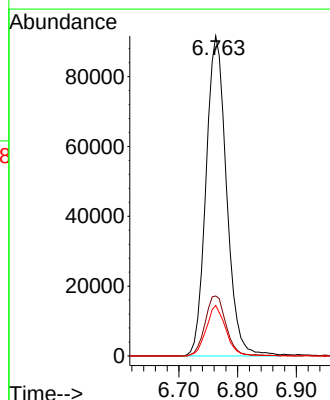
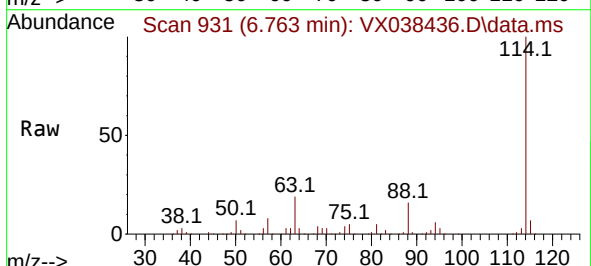
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-4

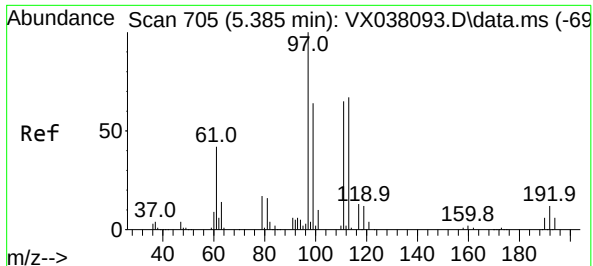
Tgt Ion: 65 Resp: 88262
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

Tgt Ion: 114 Resp: 222463
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.260 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038436.D

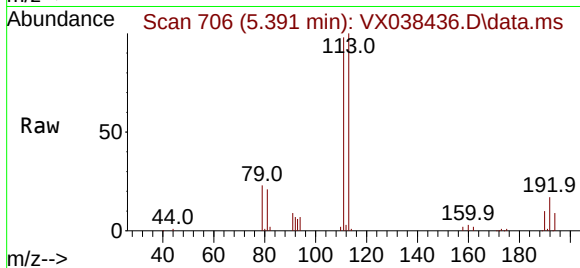
Acq: 23 Oct 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-4



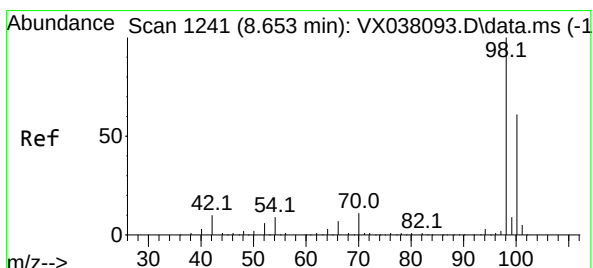
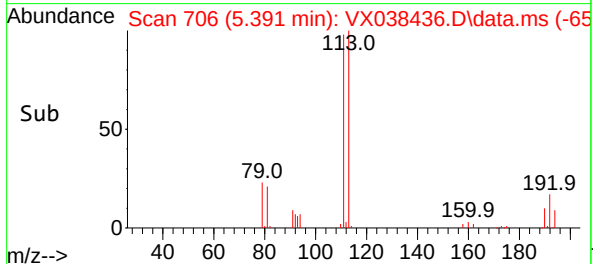
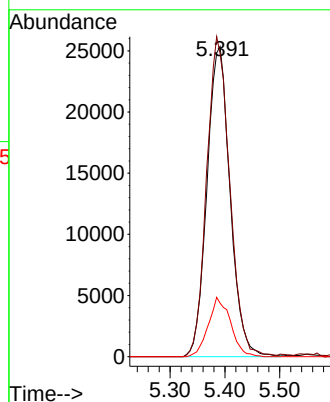
Tgt Ion:113 Resp: 74154

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 18.5 13.3 19.9



#50

Toluene-d8

Concen: 45.049 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX038436.D

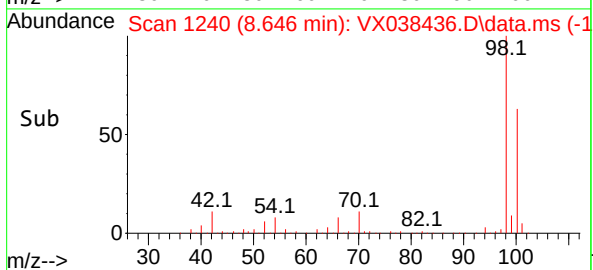
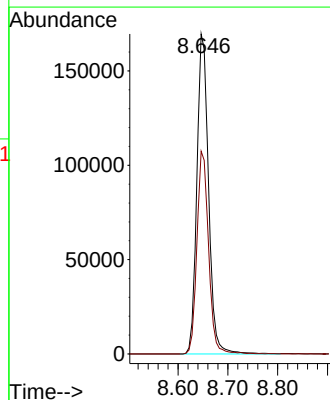
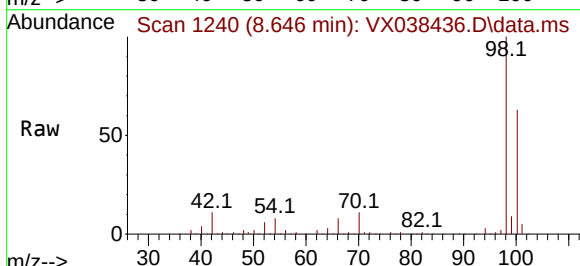
Acq: 23 Oct 2023 16:37

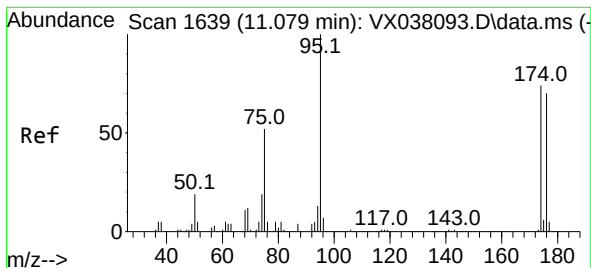
Tgt Ion: 98 Resp: 275946

Ion Ratio Lower Upper

98 100

100 63.2 53.1 79.7

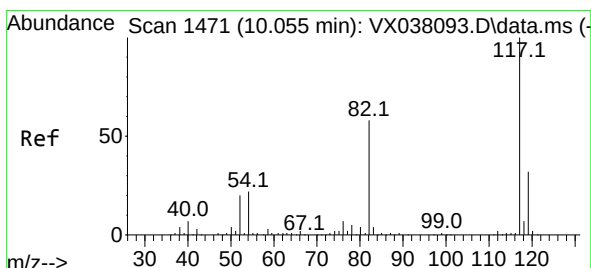
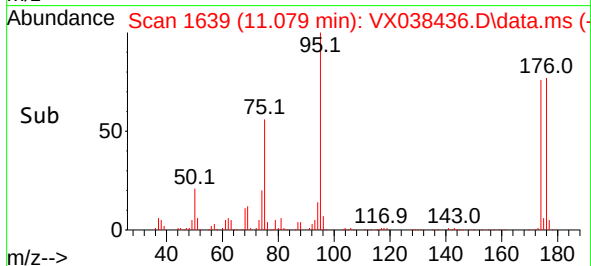
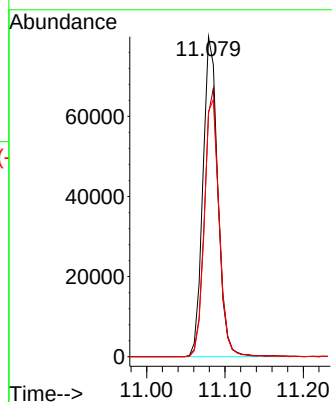
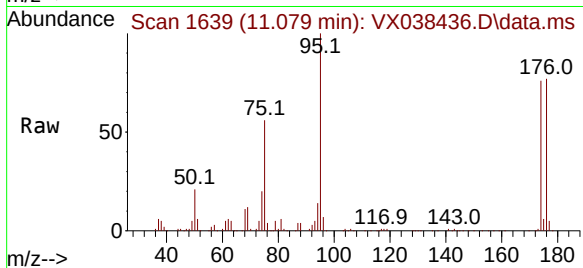




#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

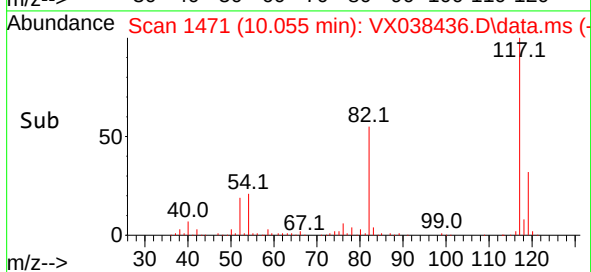
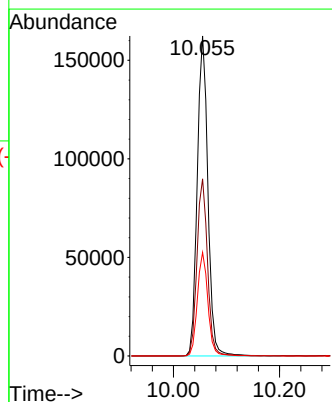
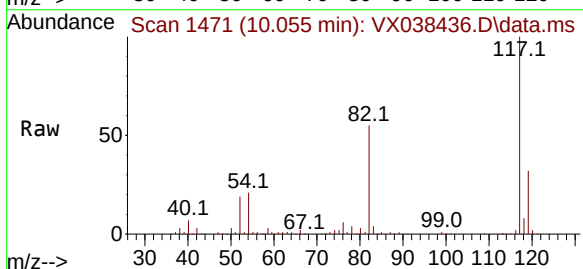
Instrument :
MSVOA_X
ClientSampleId :
DUP-4

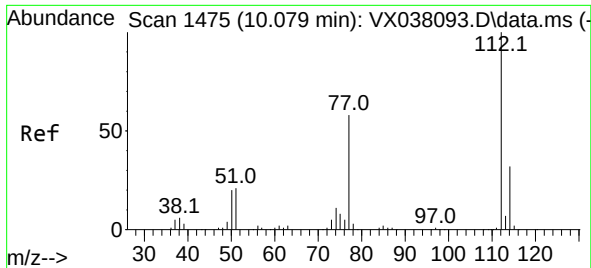
Tgt Ion: 95 Resp: 105637
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 80.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion: 117 Resp: 226278
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.4 25.5 38.3

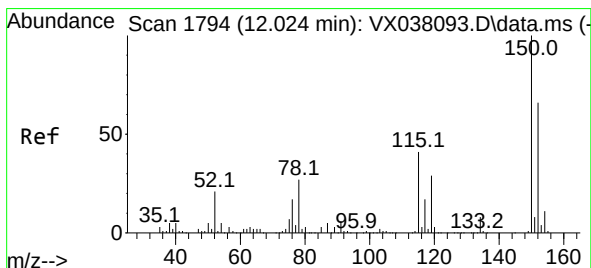
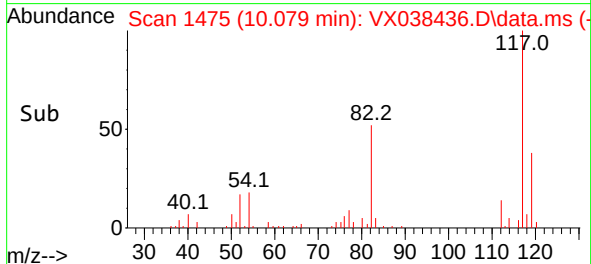
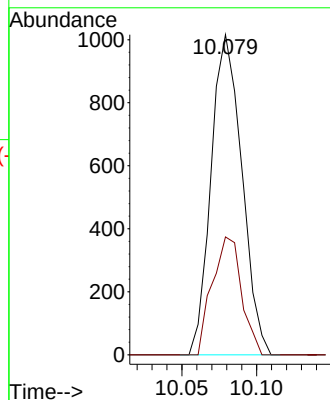
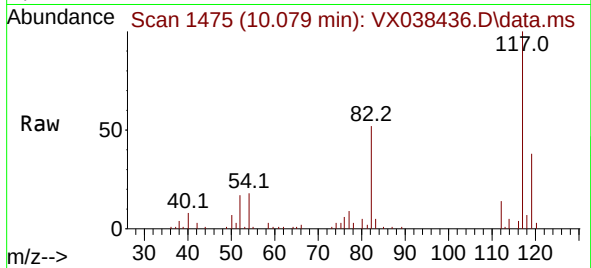




#65
Chlorobenzene
Concen: 0.307 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

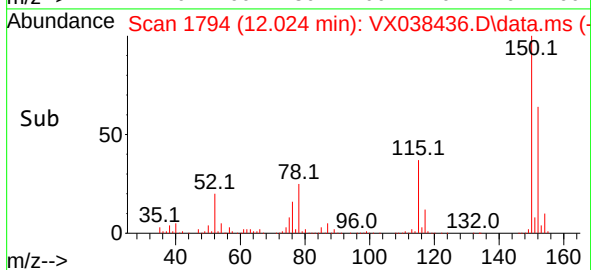
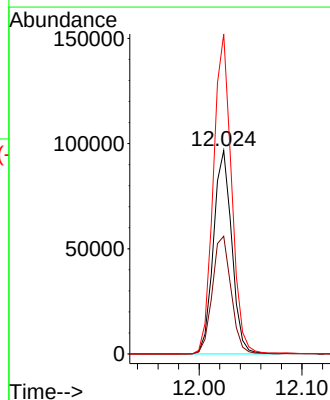
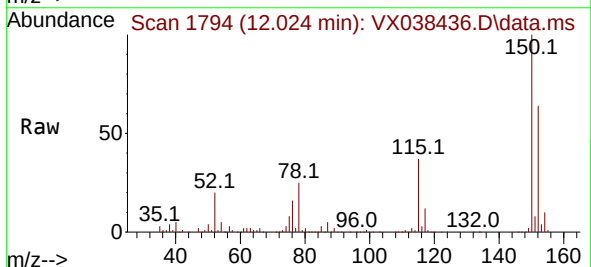
Instrument :
MSVOA_X
ClientSampleId :
DUP-4

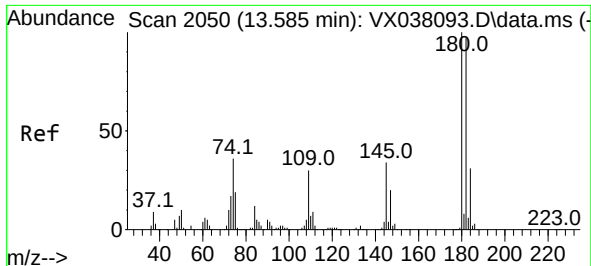
Tgt Ion:112 Resp: 1454
Ion Ratio Lower Upper
112 100
114 36.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038436.D
Acq: 23 Oct 2023 16:37

Tgt Ion:152 Resp: 119327
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 156.6 0.0 345.0

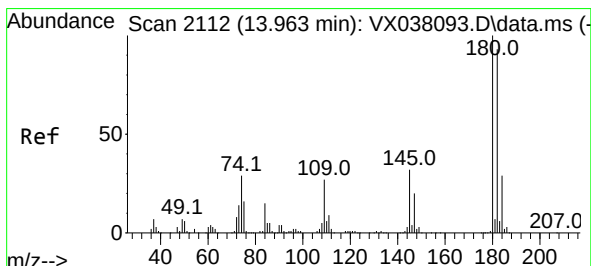
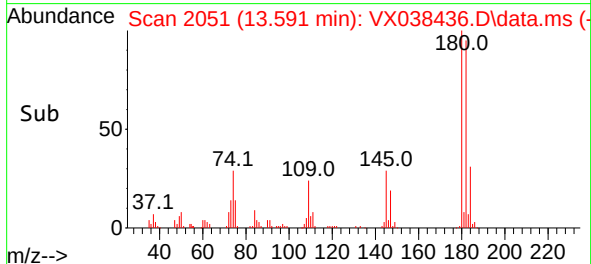
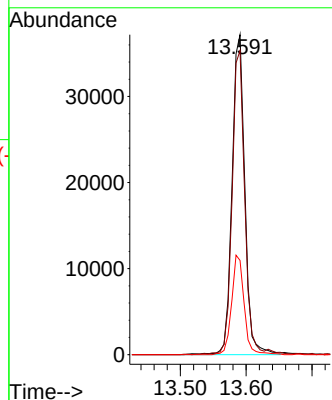
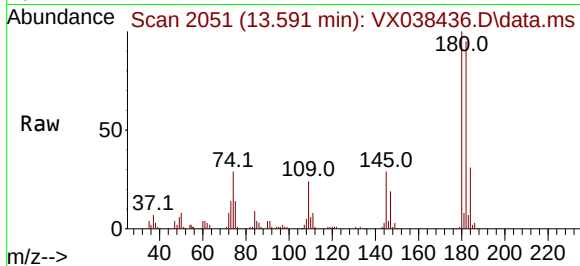




#93
 1,2,4-Trichlorobenzene
 Concen: 19.875 ug/l
 RT: 13.591 min Scan# 2050
 Delta R.T. 0.006 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-4

Tgt Ion:180 Resp: 50282
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.3 144.8
 145 30.4 18.0 54.0



#96
 1,2,3-Trichlorobenzene
 Concen: 5.346 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038436.D
 Acq: 23 Oct 2023 16:37

Tgt Ion:180 Resp: 13097
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.9 140.6
 145 32.7 17.8 53.5

