

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038301.D
 Acq On : 16 Oct 2023 14:11
 Operator : JC/MD
 Sample : 04899-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 17 01:22:19 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)

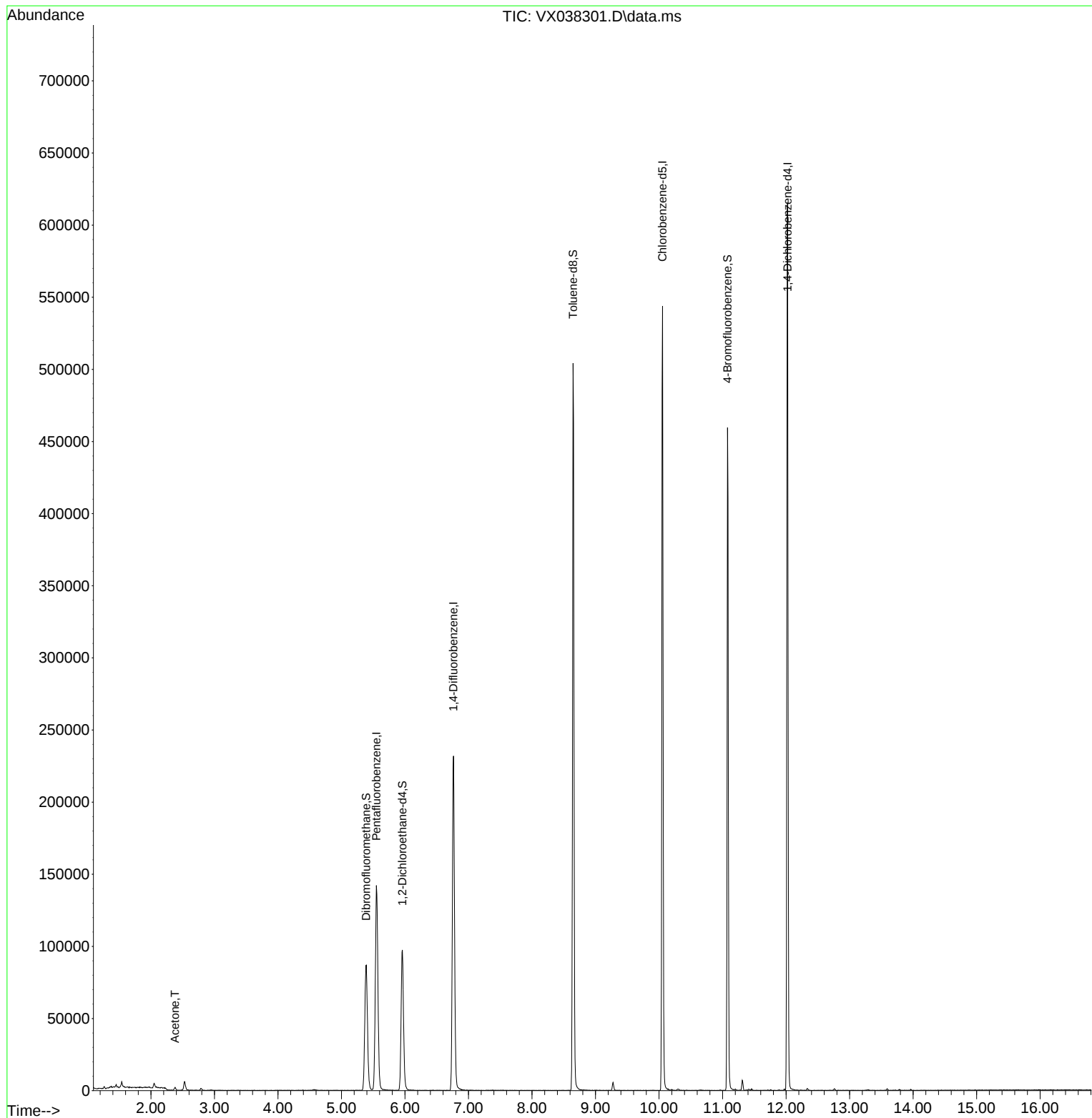
Internal Standards						
1) Pentafluorobenzene	5.550	168	131129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95479	45.269	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.540%
35) Dibromofluoromethane	5.385	113	75734	44.262	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.520%
50) Toluene-d8	8.647	98	300408	45.946	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.900%#
62) 4-Bromofluorobenzene	11.079	95	118708	47.890	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.780%
Target Compounds						
16) Acetone	2.380	43	2036	2.313	ug/l	Qvalue # 69

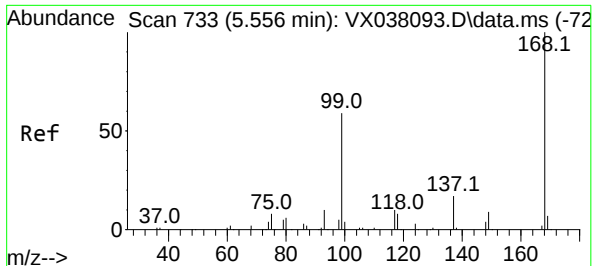
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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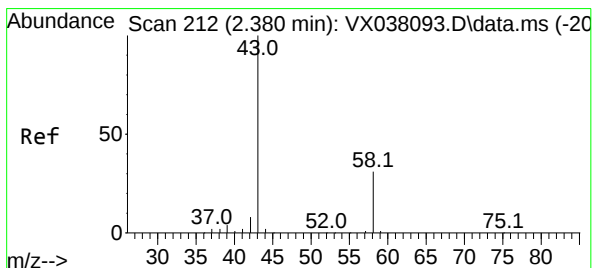
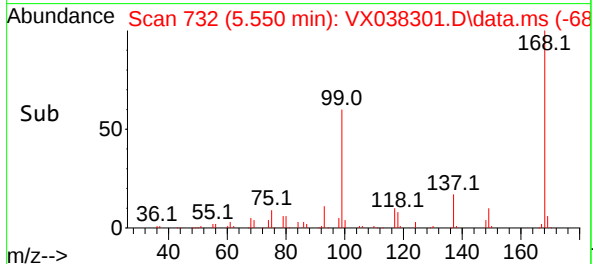
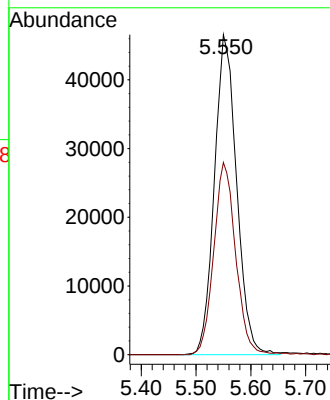
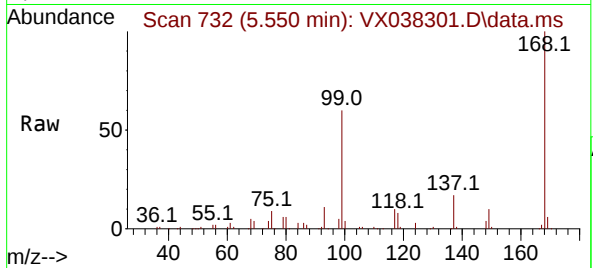




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

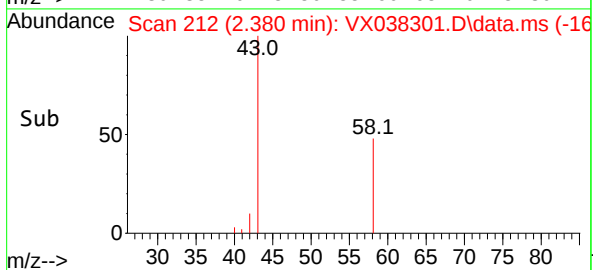
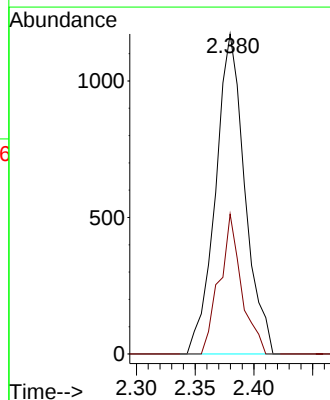
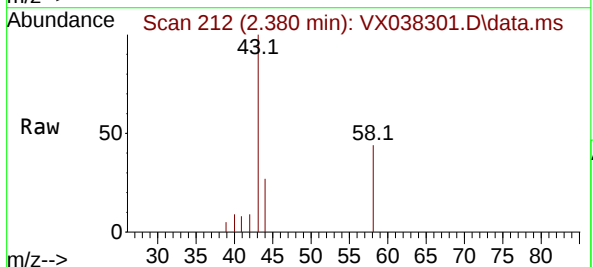
Instrument :
MSVOA_X
ClientSampleId :
TB

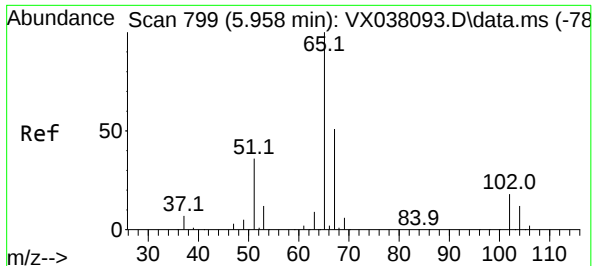
Tgt Ion:168 Resp: 131129
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0



#16
Acetone
Concen: 2.313 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
58 43.7 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 45.269 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038301.D

Acq: 16 Oct 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

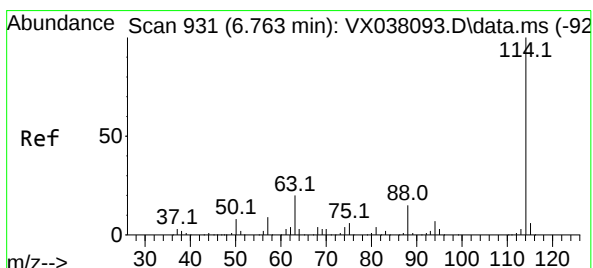
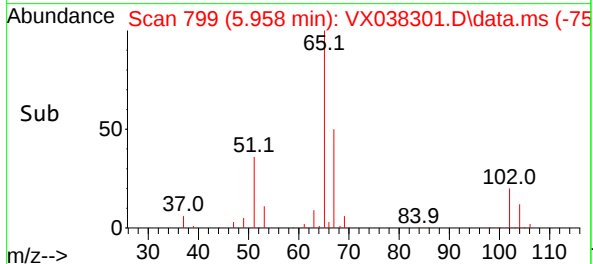
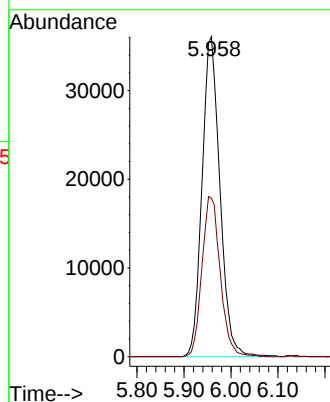
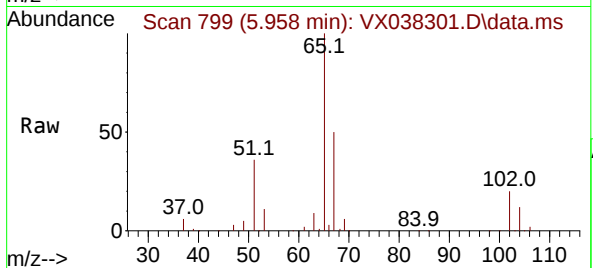
TB

Tgt Ion: 65 Resp: 95479

Ion Ratio Lower Upper

65 100

67 51.1 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: VX038301.D

Acq: 16 Oct 2023 14:11

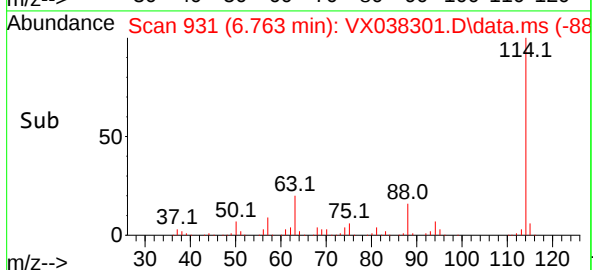
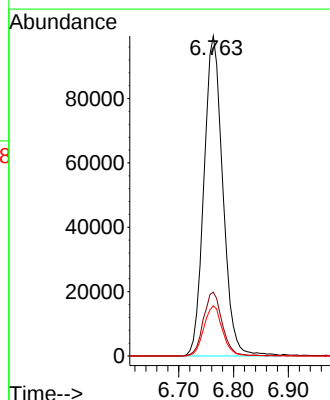
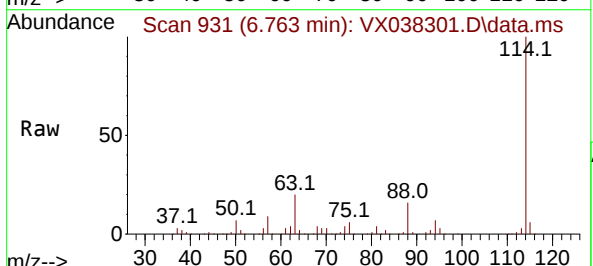
Tgt Ion: 114 Resp: 237459

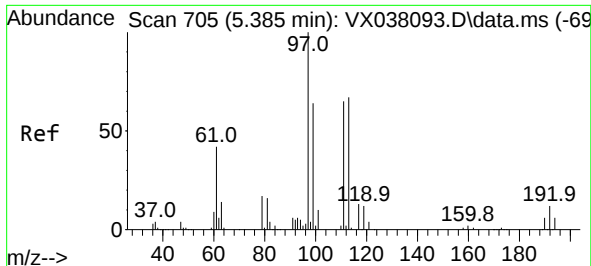
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.7 0.0 36.6

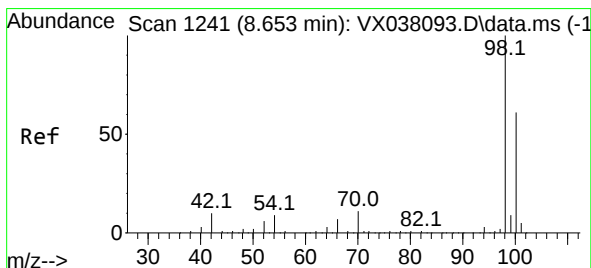
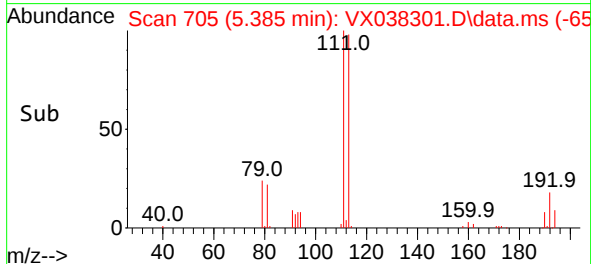
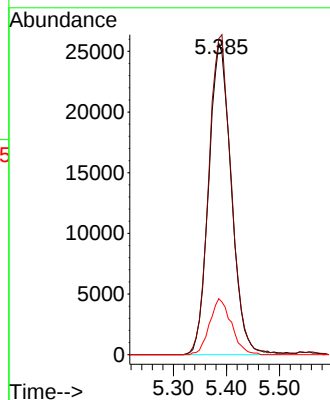
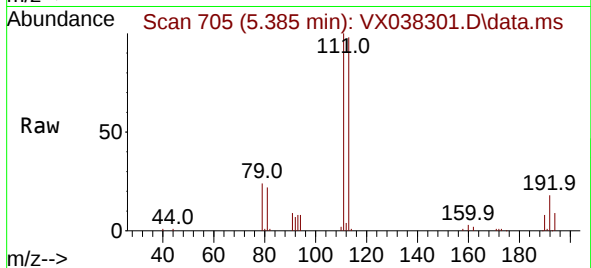




#35
Dibromofluoromethane
Concen: 44.262 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

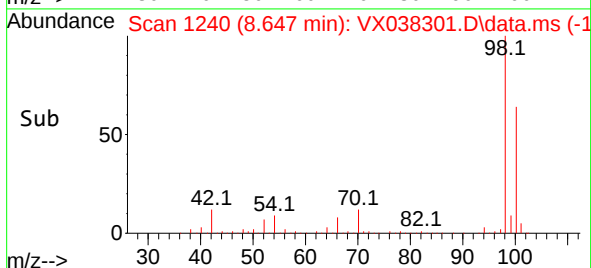
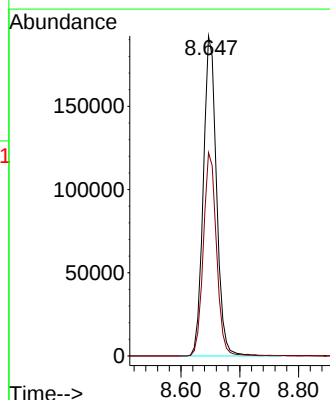
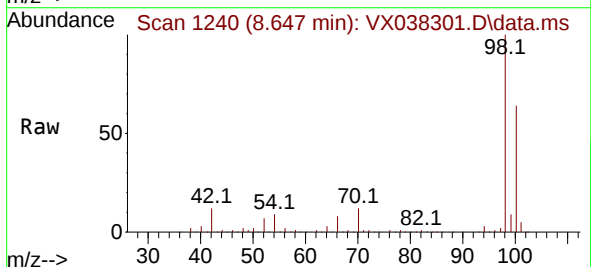
Instrument :
MSVOA_X
ClientSampleId :
TB

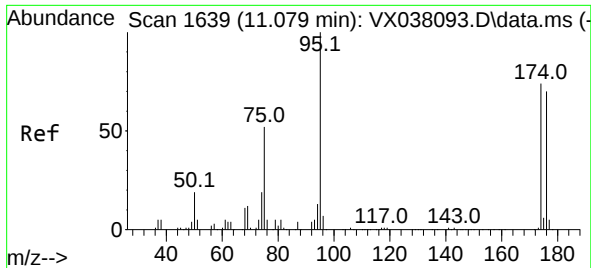
Tgt Ion:113 Resp: 75734
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.4 13.3 19.9



#50
Toluene-d8
Concen: 45.946 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 98 Resp: 300408
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

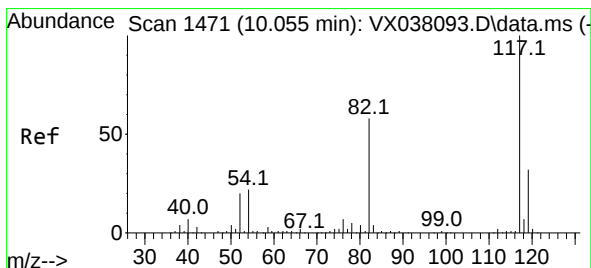
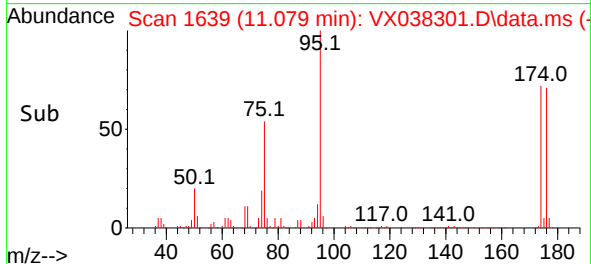
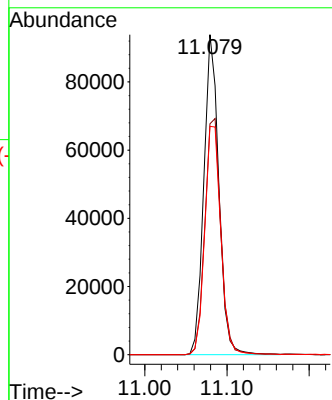
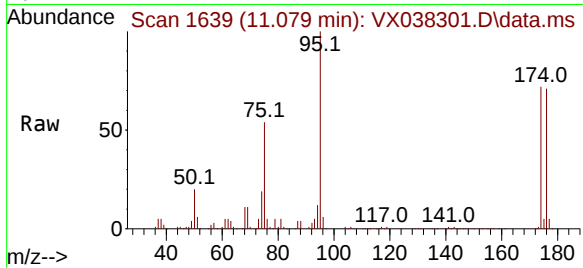




#62
4-Bromofluorobenzene
Concen: 47.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

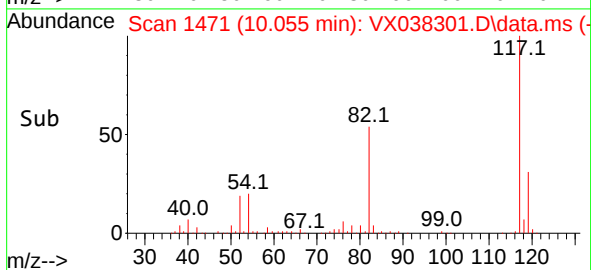
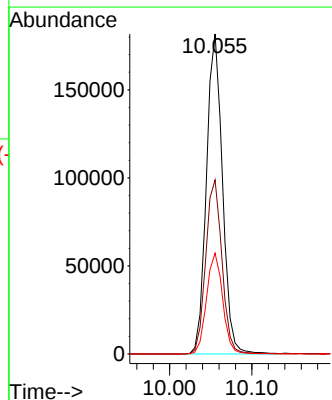
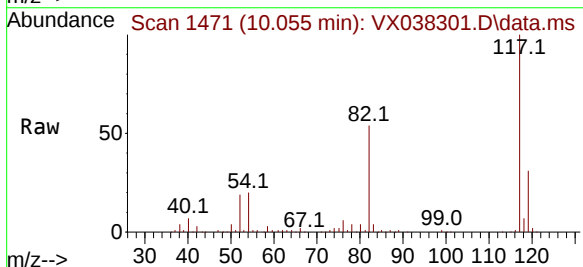
Instrument :
MSVOA_X
ClientSampleId :
TB

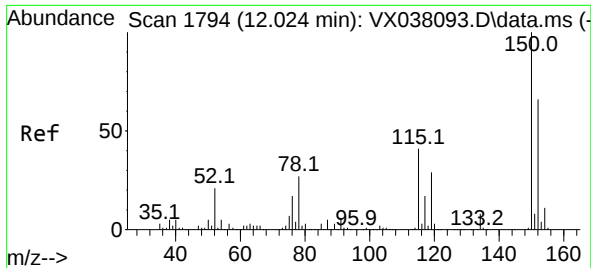
Tgt Ion: 95 Resp: 118708
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 76.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038301.D
Acq: 16 Oct 2023 14:11

Tgt Ion: 117 Resp: 246373
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 31.5 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: VX038301.D

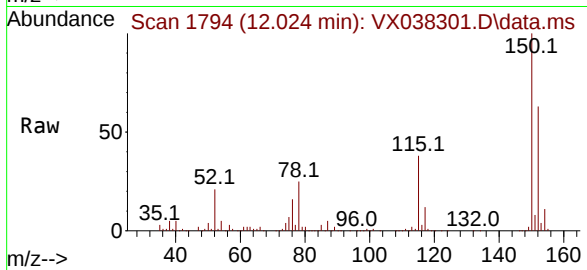
Acq: 16 Oct 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:152 Resp: 129512

Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 157.9 0.0 345.0

