

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038267.D
 Acq On : 12 Oct 2023 19:18
 Operator : JC/MD
 Sample : 04875-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Oct 13 04:54:47 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)

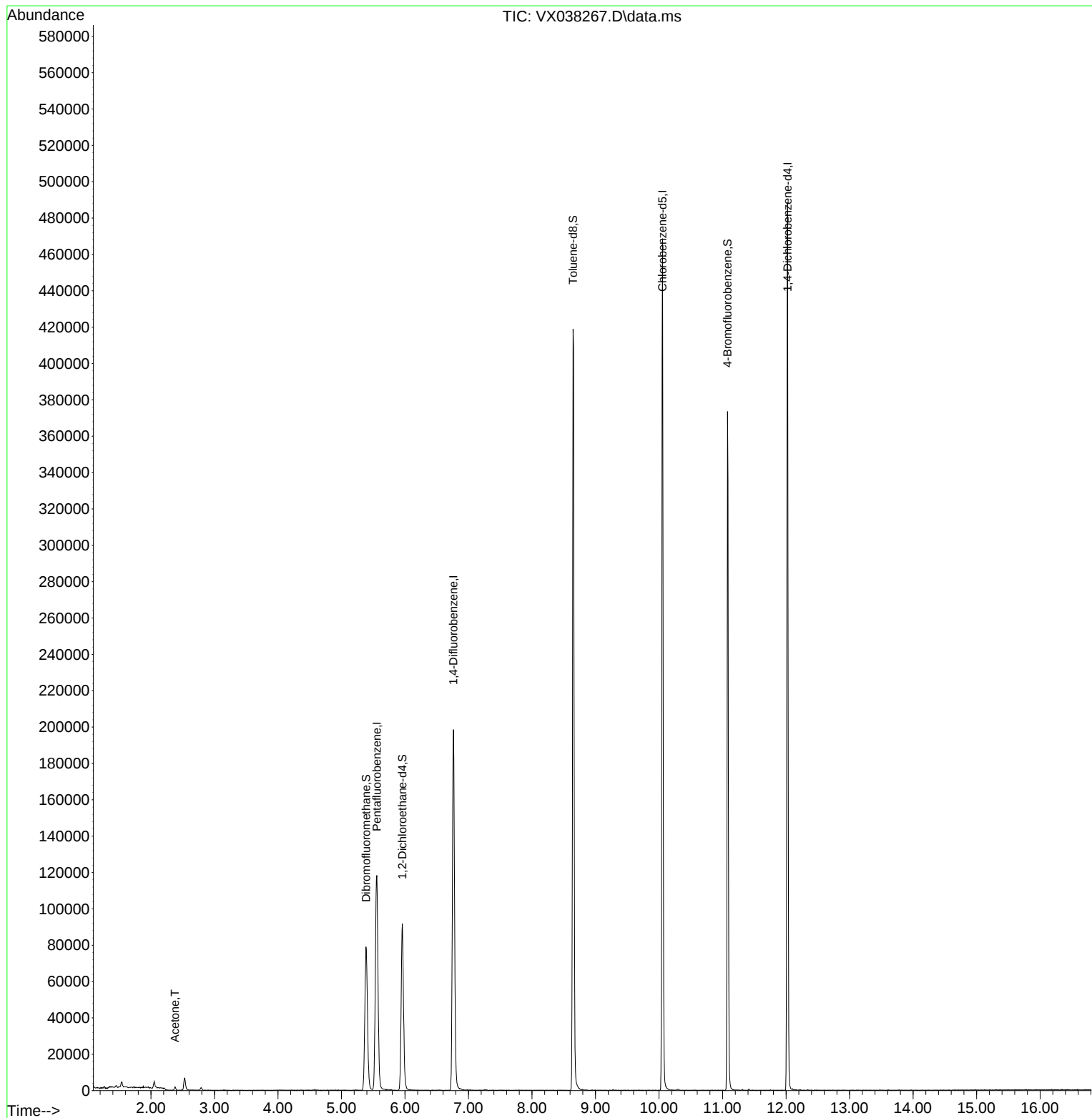
Internal Standards						
1) Pentafluorobenzene	5.556	168	112417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85450	47.258	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.520%
35) Dibromofluoromethane	5.385	113	67137	45.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.940%
50) Toluene-d8	8.647	98	259087	45.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	92967	43.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.940%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1800	2.385	ug/l #	83

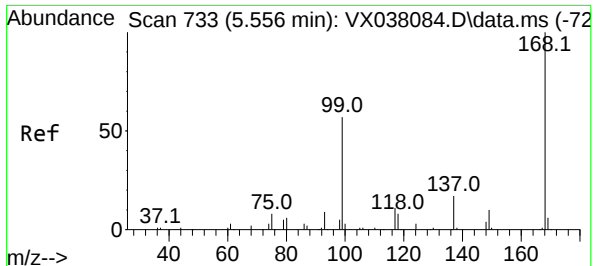
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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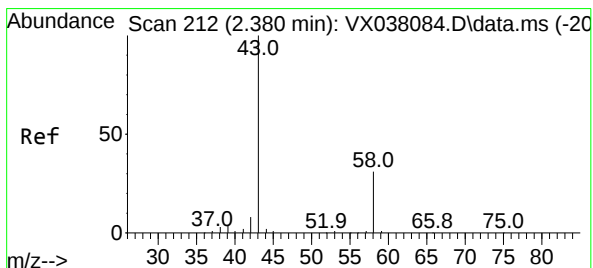
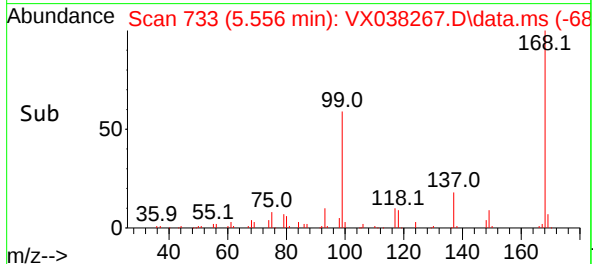
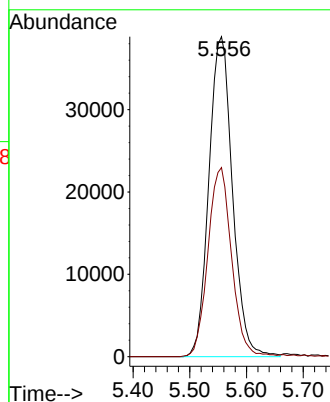
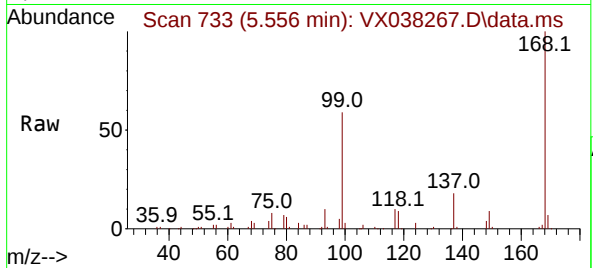




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

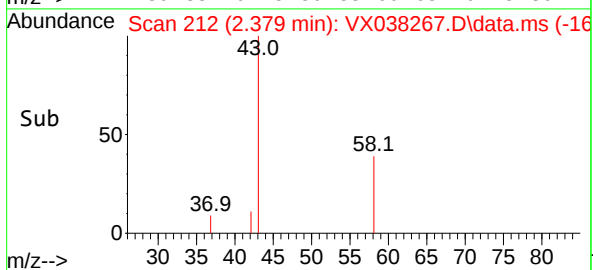
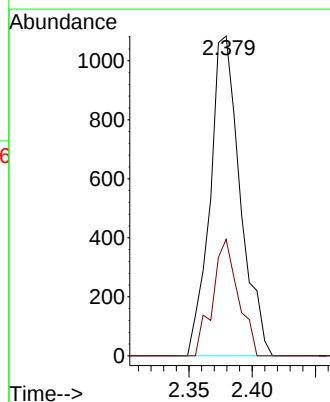
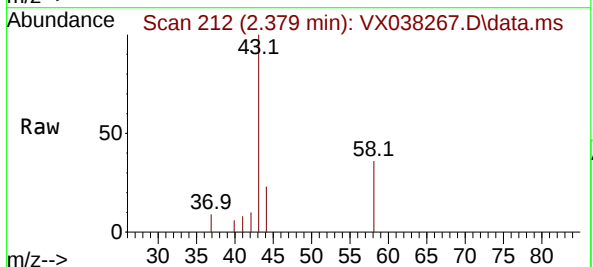
Instrument :
MSVOA_X
ClientSampleId :
TB

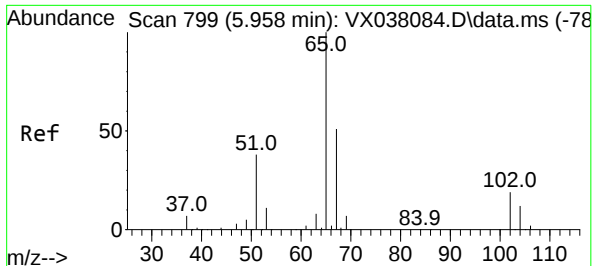
Tgt Ion:168 Resp: 112417
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#16
Acetone
Concen: 2.385 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 43 Resp: 1800
Ion Ratio Lower Upper
43 100
58 36.4 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 47.258 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038267.D

Acq: 12 Oct 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

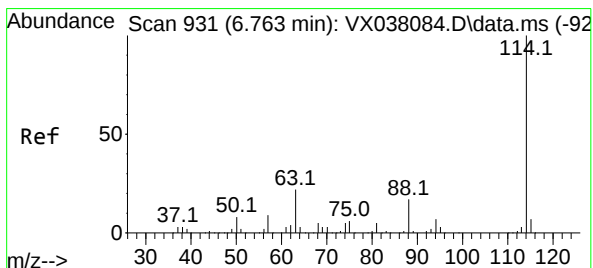
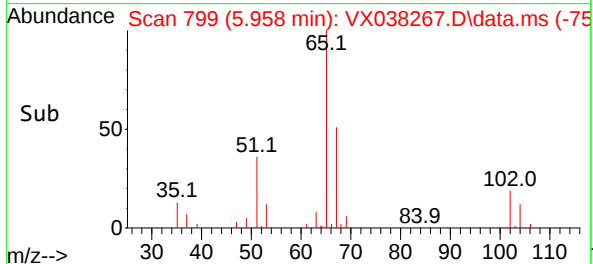
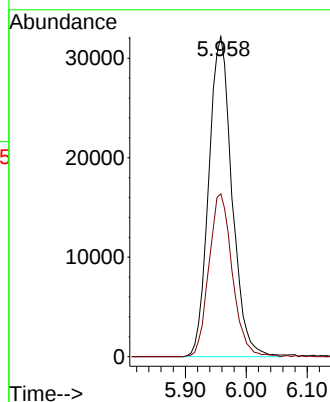
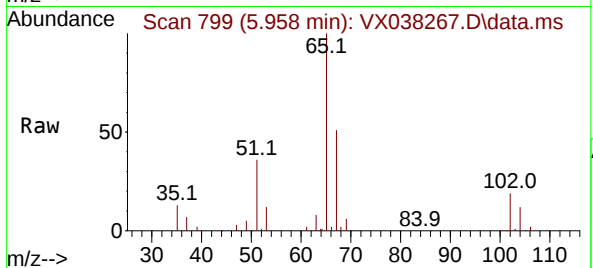
TB

Tgt Ion: 65 Resp: 85450

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: VX038267.D

Acq: 12 Oct 2023 19:18

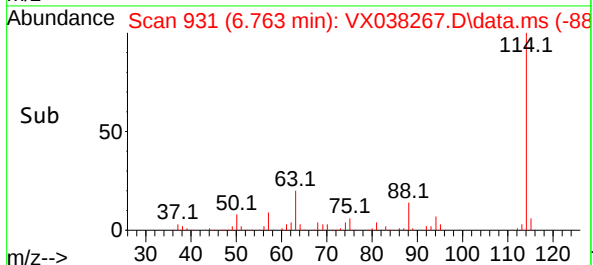
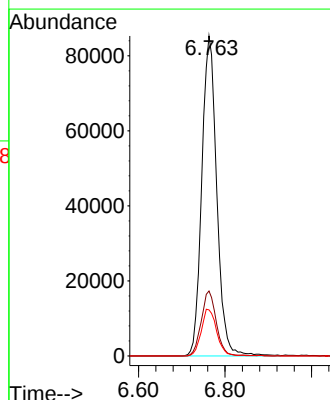
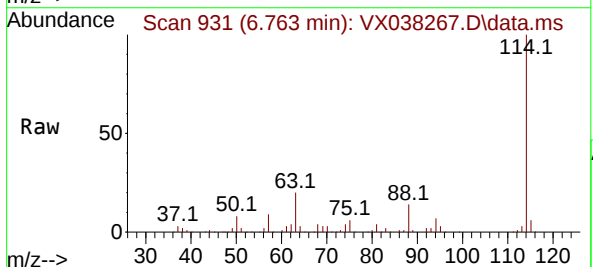
Tgt Ion: 114 Resp: 204891

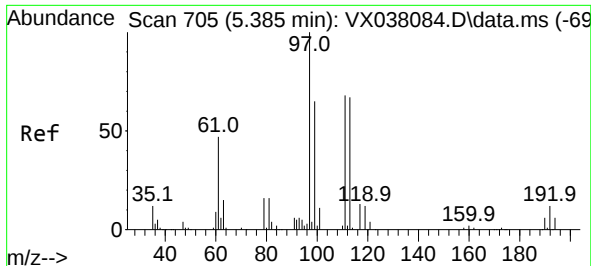
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 14.4 0.0 36.6

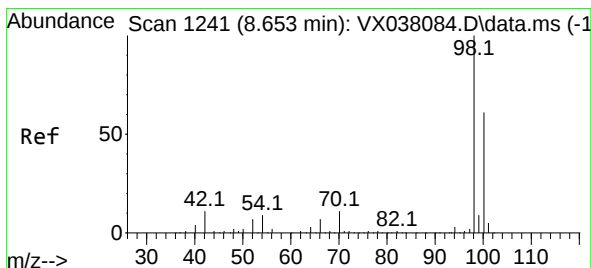
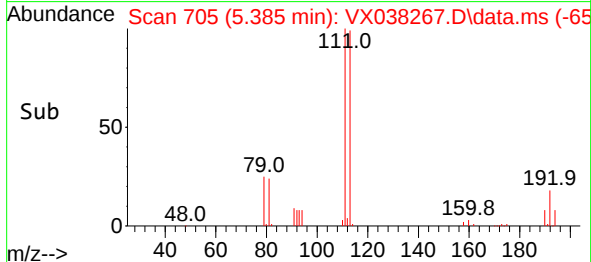
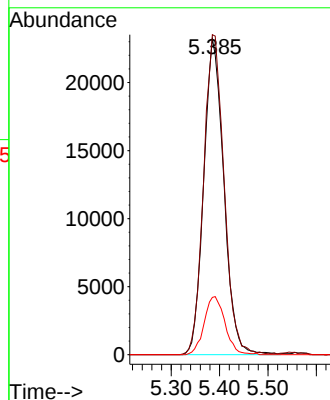
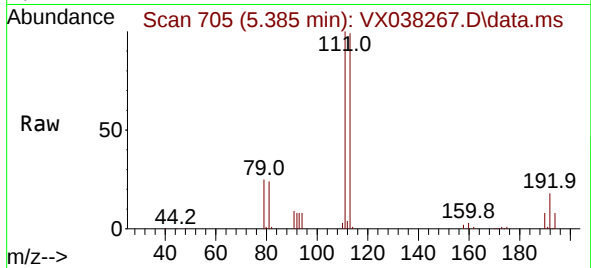




#35
Dibromofluoromethane
Concen: 45.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

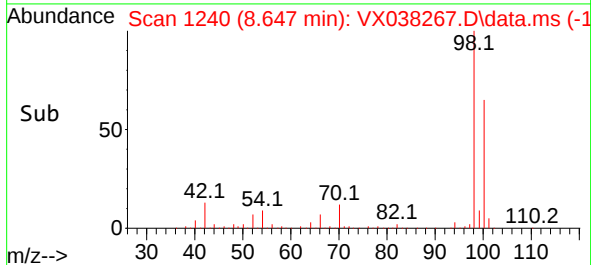
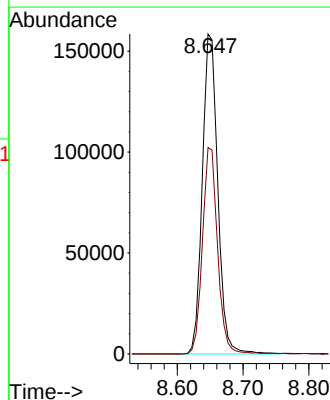
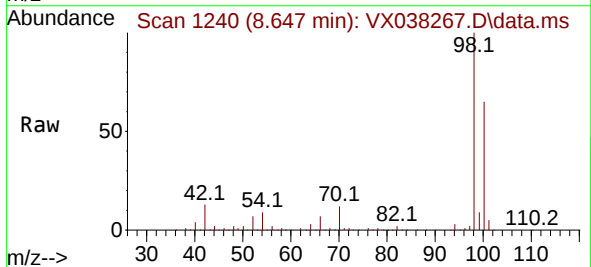
Instrument :
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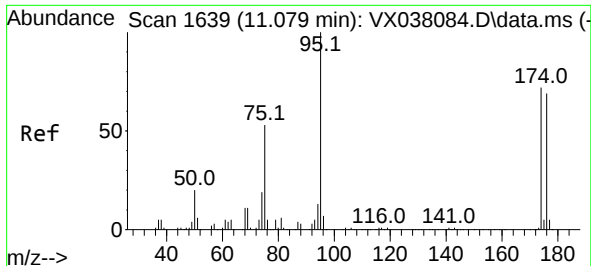
Tgt Ion:113 Resp: 67137
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.0 13.3 19.9



#50
Toluene-d8
Concen: 45.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 98 Resp: 259087
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

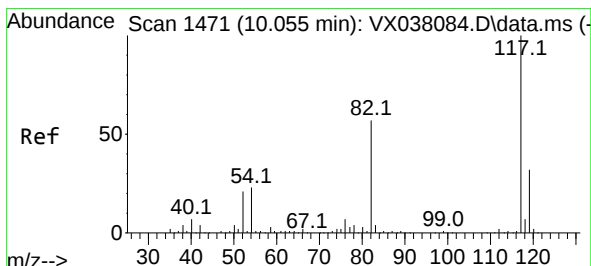
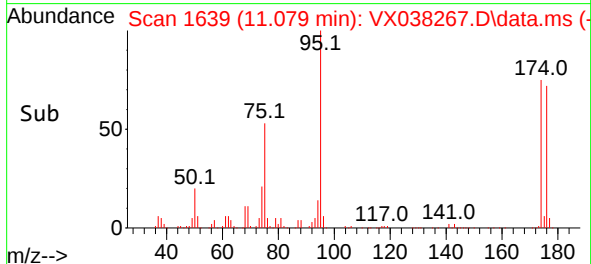
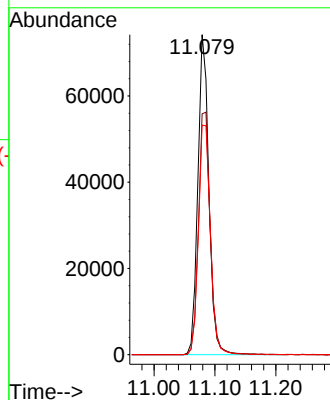
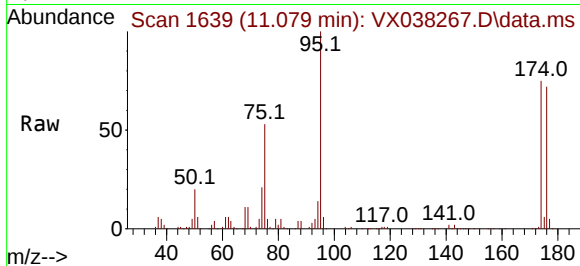




#62
4-Bromofluorobenzene
Concen: 43.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

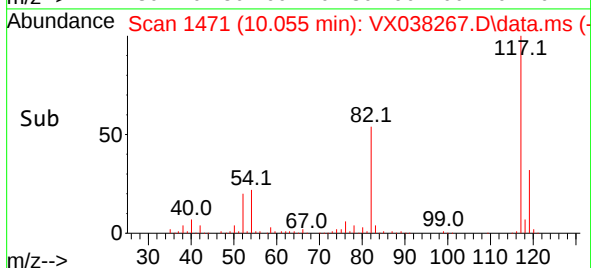
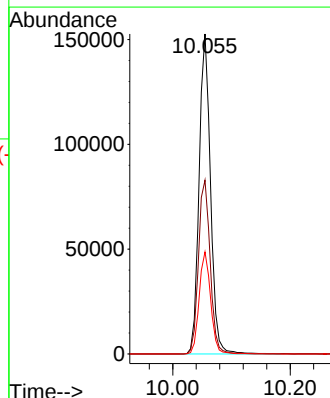
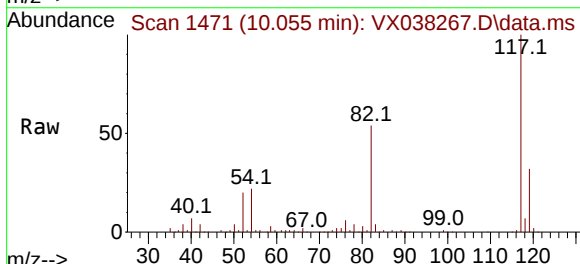
Instrument :
MSVOA_X
ClientSampleId :
TB

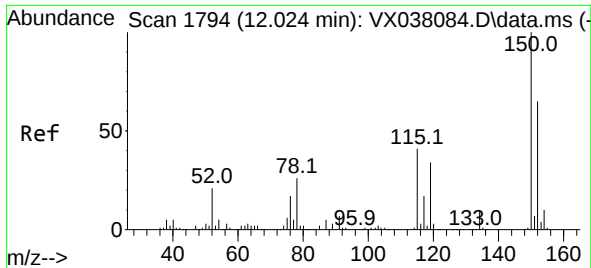
Tgt Ion: 95 Resp: 92967
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038267.D
Acq: 12 Oct 2023 19:18

Tgt Ion: 117 Resp: 205257
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.9 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: VX038267.D

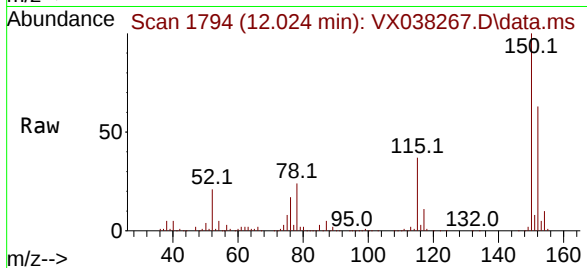
Acq: 12 Oct 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:152 Resp: 100849

Ion Ratio Lower Upper

152 100

115 61.1 43.3 129.9

150 157.1 0.0 345.0

