

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037213.D
 Acq On : 24 Aug 2023 13:53
 Operator : JC/MD
 Sample : 04077-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20230817

Quant Time: Aug 24 23:38:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

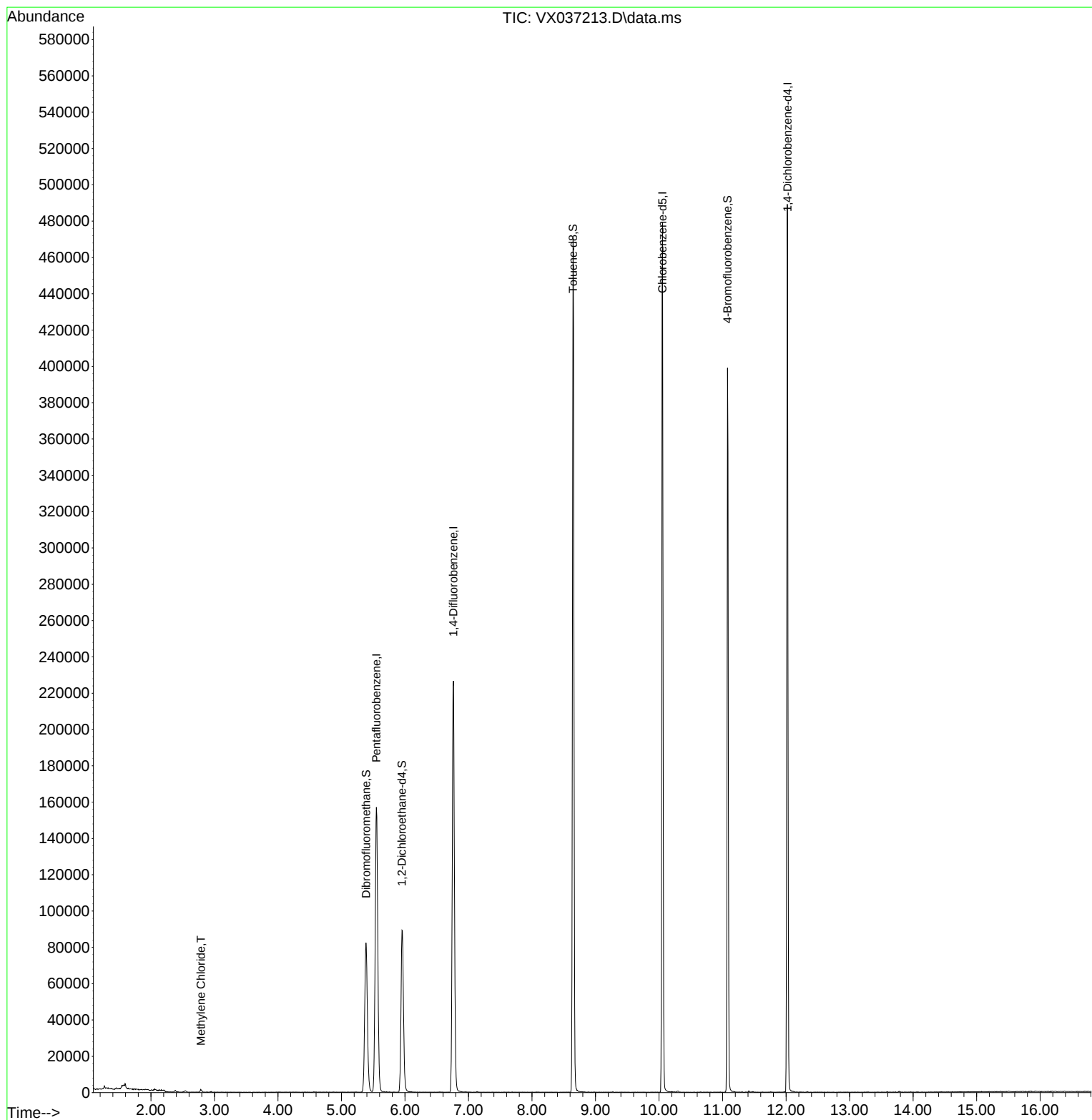
Internal Standards						
1) Pentafluorobenzene	5.550	168	145872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92509	43.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.980%
35) Dibromofluoromethane	5.385	113	73770	46.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.220%
50) Toluene-d8	8.647	98	283636	49.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.800%
62) 4-Bromofluorobenzene	11.079	95	109715	48.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.260%
Target Compounds						
20) Methylene Chloride	2.788	84	711	0.386	ug/l	Qvalue # 82

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

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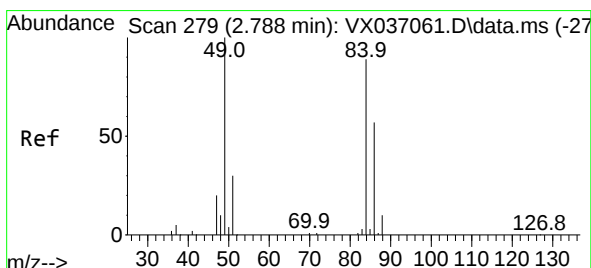
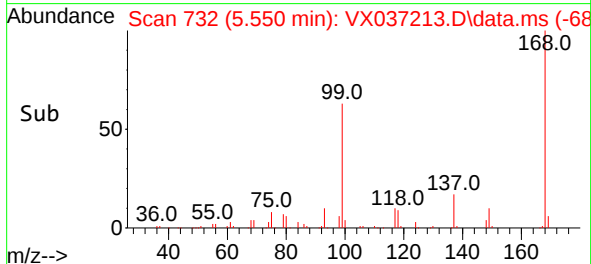
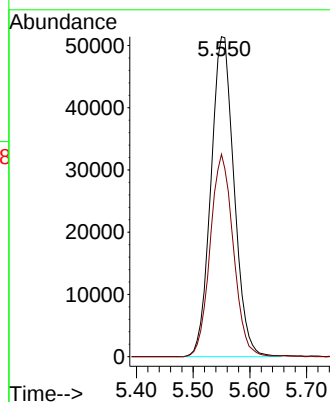
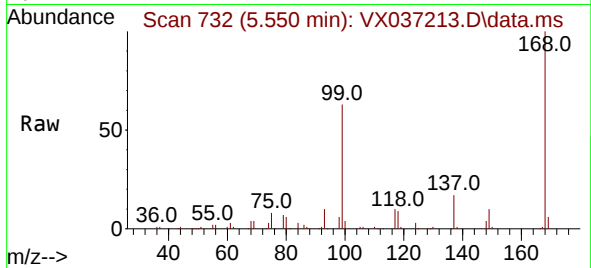




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

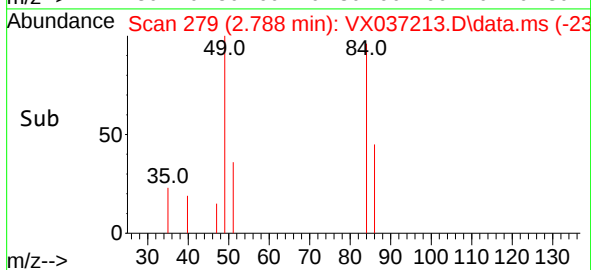
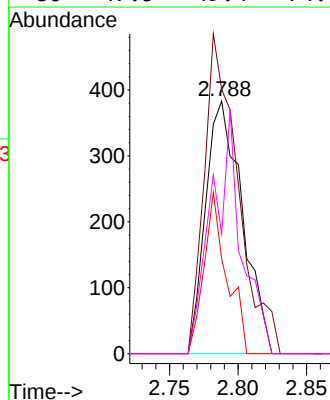
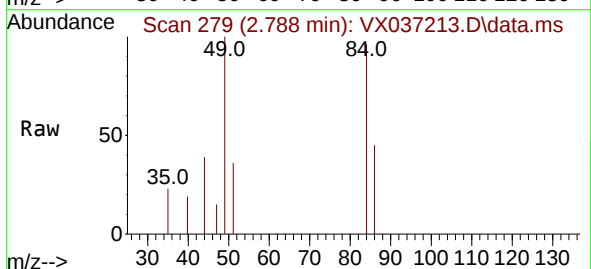
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

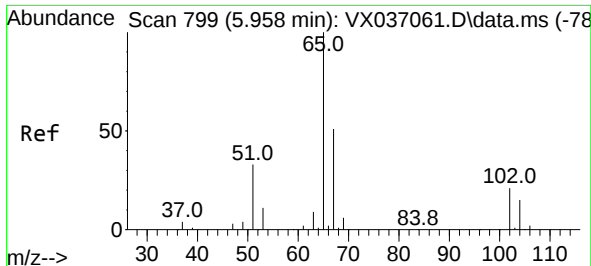
Tgt Ion:168 Resp: 145872
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#20
Methylene Chloride
Concen: 0.386 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

Tgt Ion: 84 Resp: 711
Ion Ratio Lower Upper
84 100
49 104.7 103.6 155.4
51 37.6 33.8 50.6
86 47.5 49.4 74.0#





#33

1,2-Dichloroethane-d4

Concen: 43.989 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037213.D

Acq: 24 Aug 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :

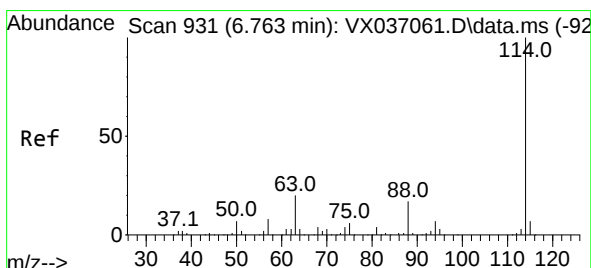
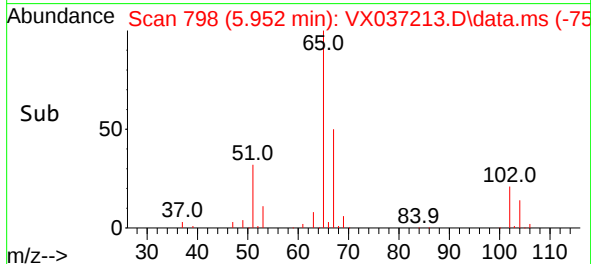
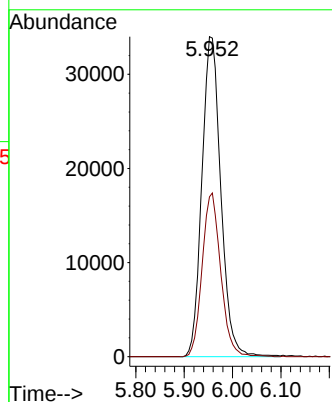
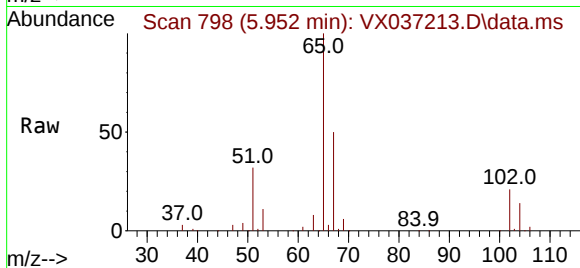
TB03-20230817

Tgt Ion: 65 Resp: 92509

Ion Ratio Lower Upper

65 100

67 50.1 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: VX037213.D

Acq: 24 Aug 2023 13:53

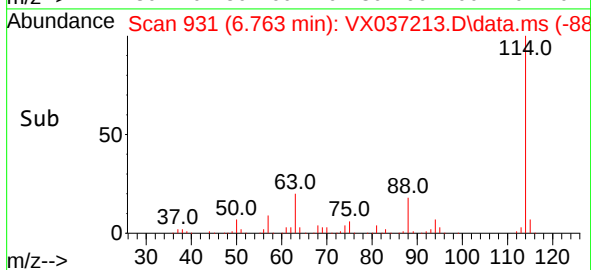
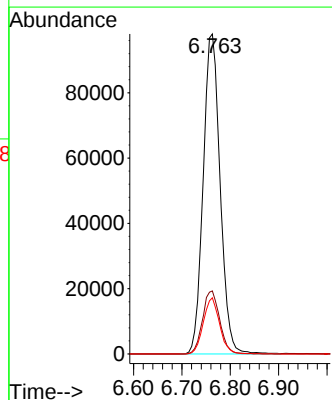
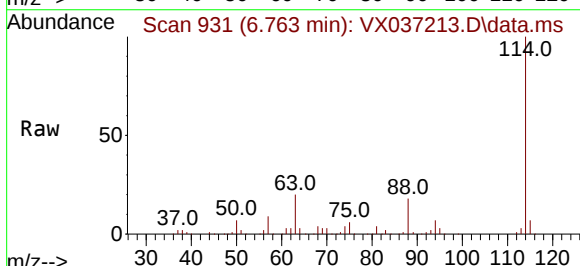
Tgt Ion: 114 Resp: 238980

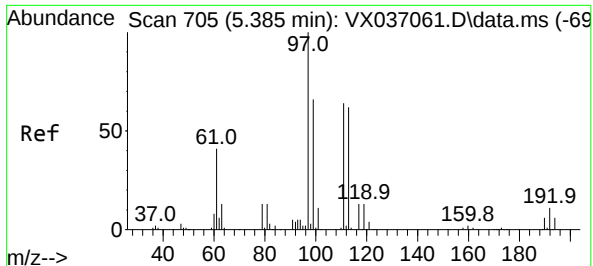
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

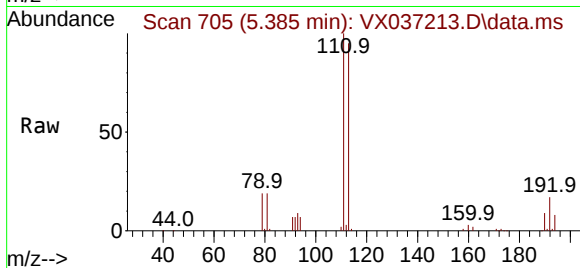
88 17.6 0.0 36.6



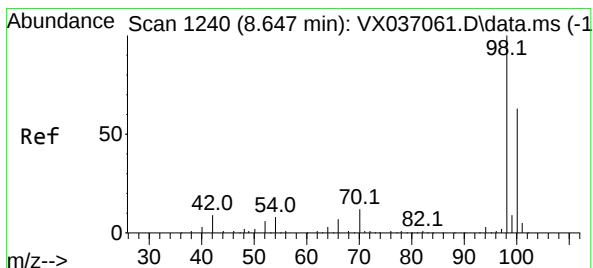
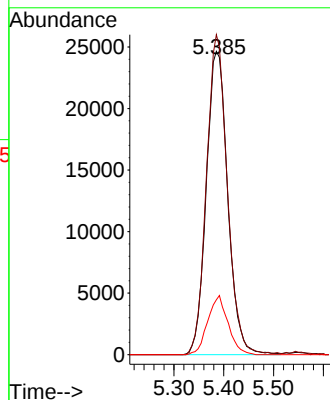
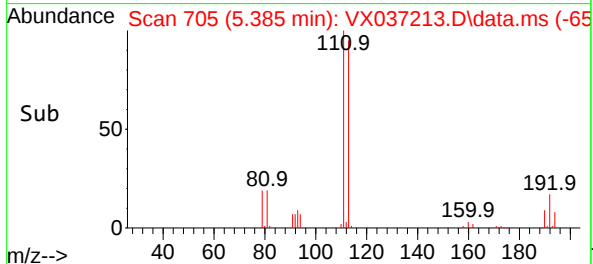


#35
 Dibromofluoromethane
 Concen: 46.610 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX037213.D
 Acq: 24 Aug 2023 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20230817

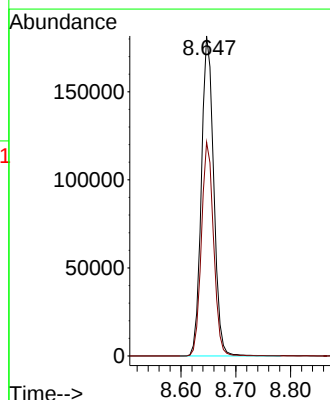
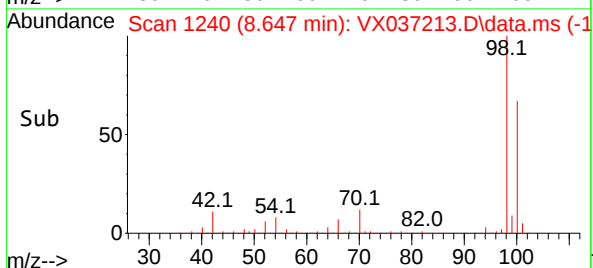
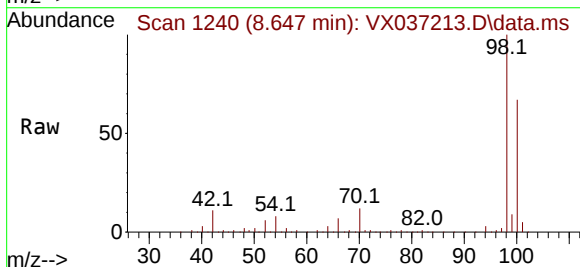


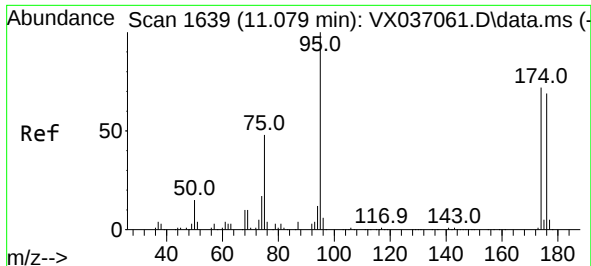
Tgt Ion:113 Resp: 73770
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.9 124.3
 192 18.4 13.3 19.9



#50
 Toluene-d8
 Concen: 49.405 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX037213.D
 Acq: 24 Aug 2023 13:53

Tgt Ion: 98 Resp: 283636
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7

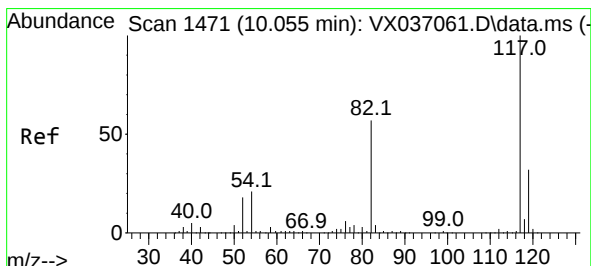
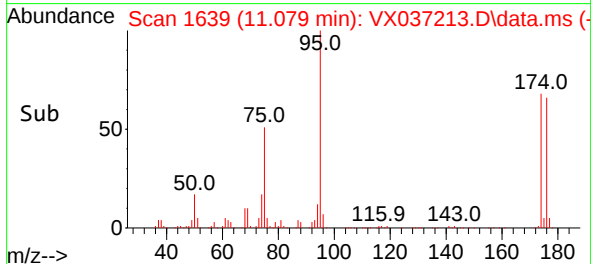
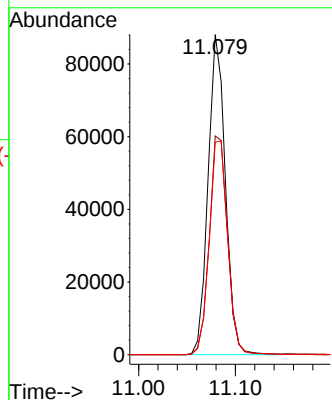
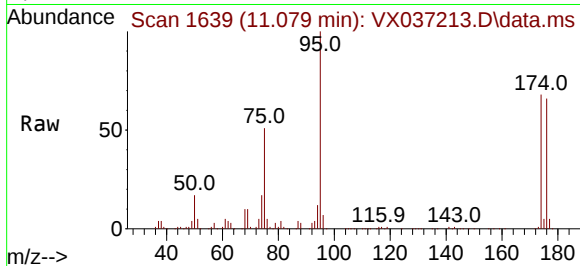




#62
4-Bromofluorobenzene
Concen: 48.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

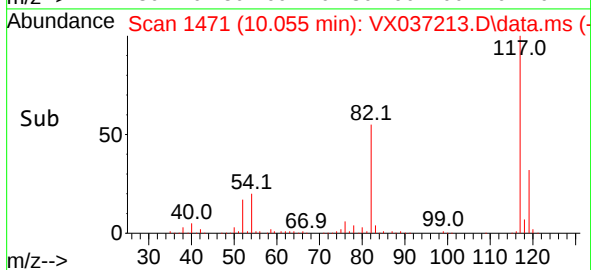
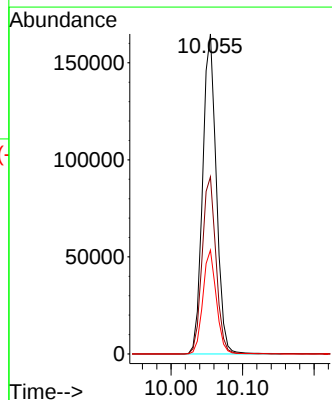
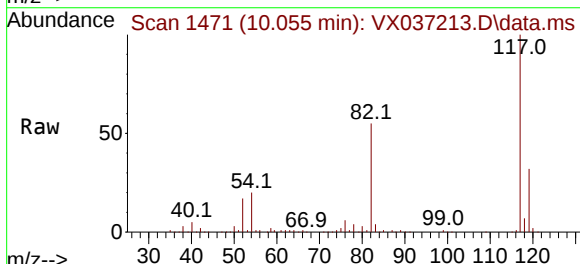
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230817

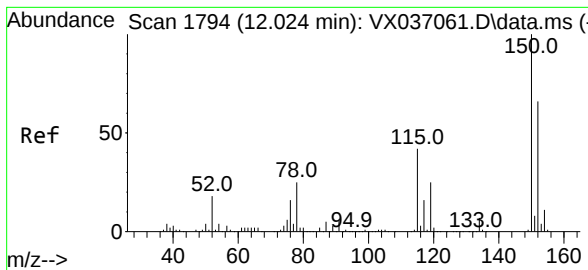
Tgt Ion: 95 Resp: 109715
Ion Ratio Lower Upper
95 100
174 72.2 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037213.D
Acq: 24 Aug 2023 13:53

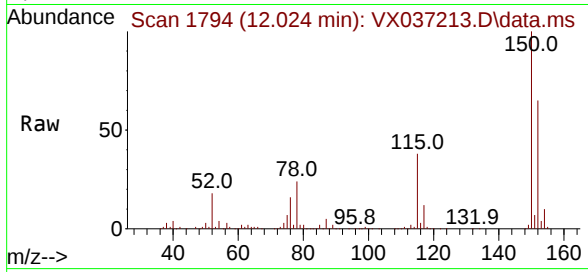
Tgt Ion: 117 Resp: 219035
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037213.D
 Acq: 24 Aug 2023 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20230817



Tgt Ion:152 Resp: 102625
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 156.0 0.0 345.0

