

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034430.D
 Acq On : 13 Mar 2023 14:14
 Operator : JC/MD
 Sample : 01879-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230308

Quant Time: Mar 14 02:24:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

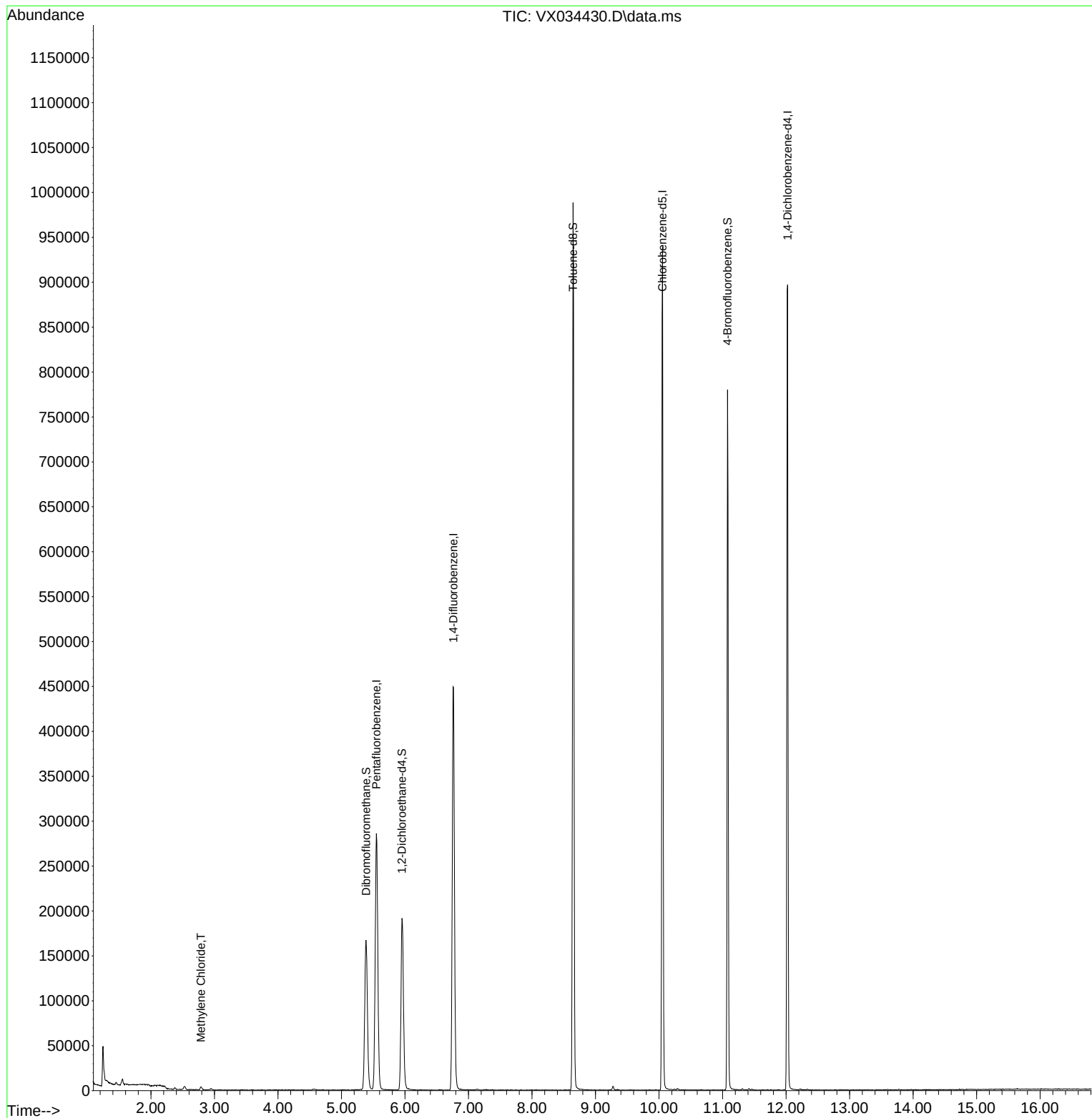
Internal Standards						
1) Pentafluorobenzene	5.550	168	273471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181752	45.684	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.360%
35) Dibromofluoromethane	5.385	113	147101	47.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	563499	49.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	200568	43.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.580%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1643	0.452	ug/l #	75

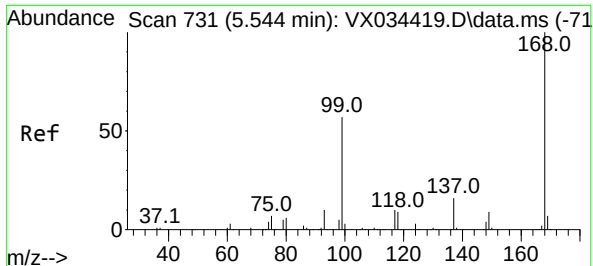
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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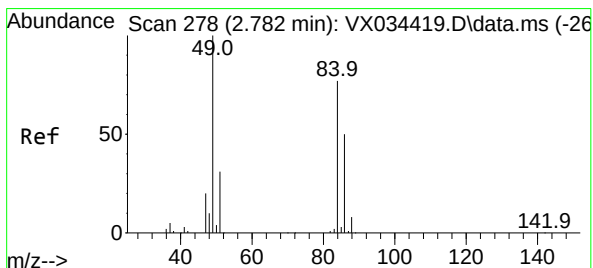
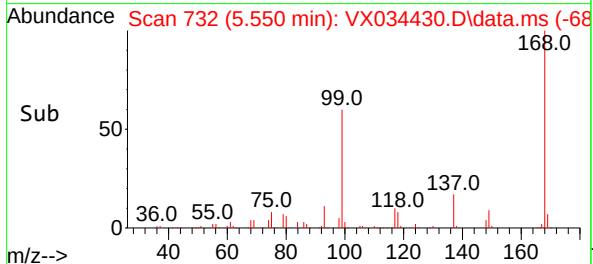
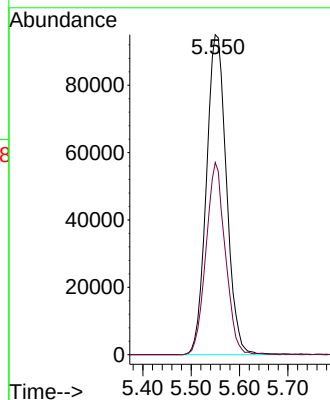
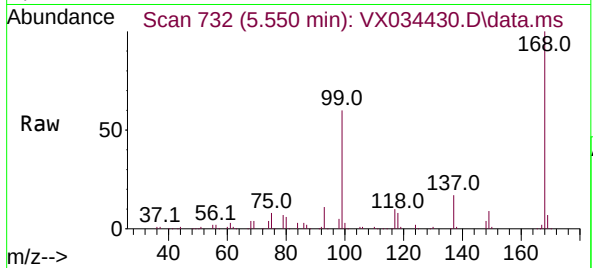




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

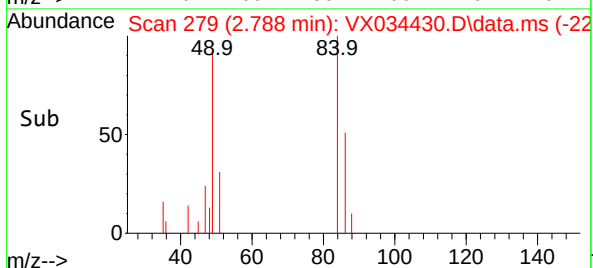
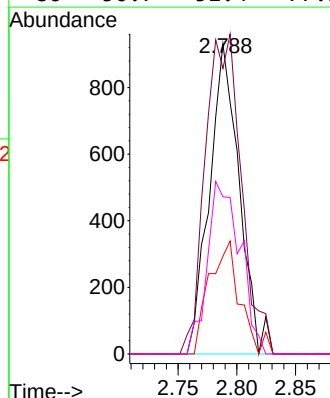
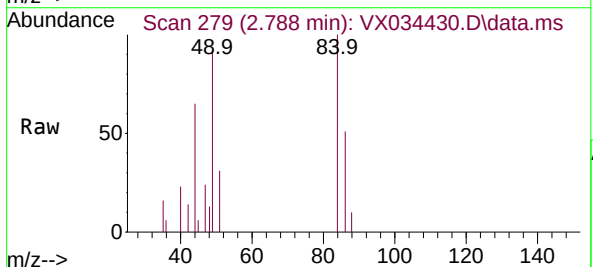
Instrument :
MSVOA_X
ClientSampleId :
TB02-20230308

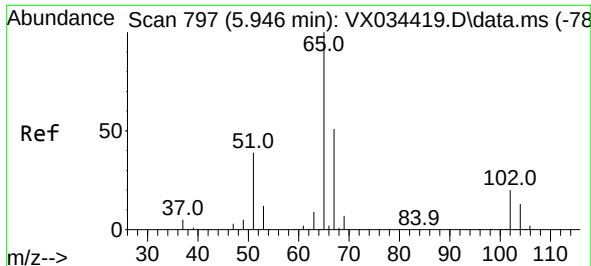
Tgt Ion:168 Resp: 273471
Ion Ratio Lower Upper
168 100
99 60.1 45.7 68.5



#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

Tgt Ion: 84 Resp: 1643
Ion Ratio Lower Upper
84 100
49 92.1 103.8 155.8#
51 31.5 31.8 47.8#
86 50.7 51.4 77.2#

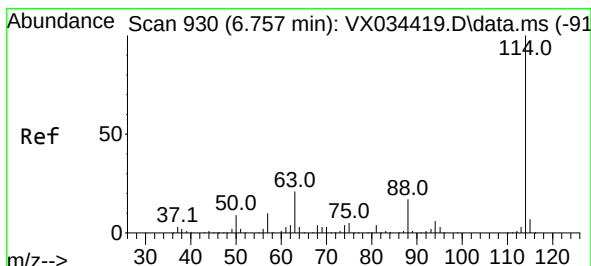
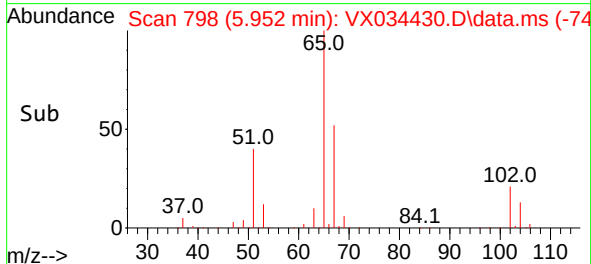
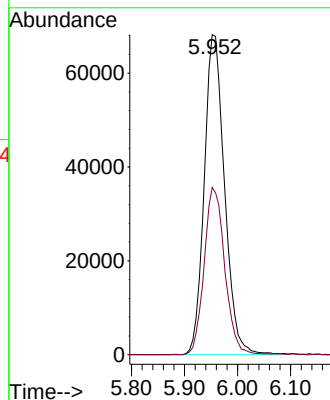
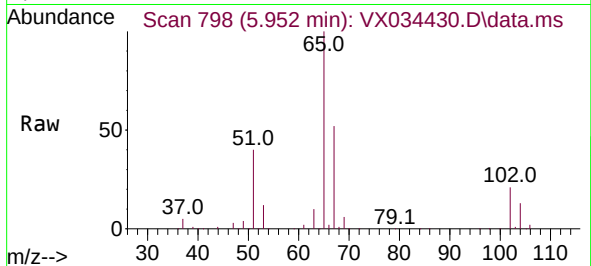




#33
 1,2-Dichloroethane-d4
 Concen: 45.684 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034430.D
 Acq: 13 Mar 2023 14:14

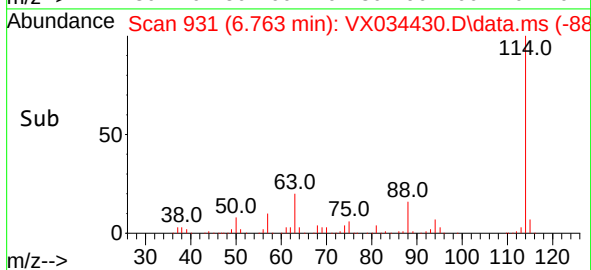
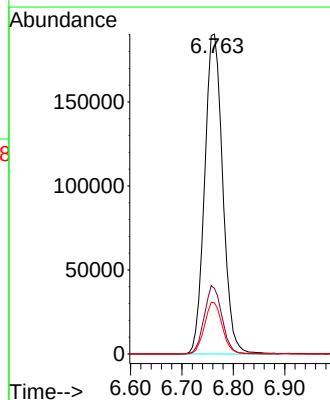
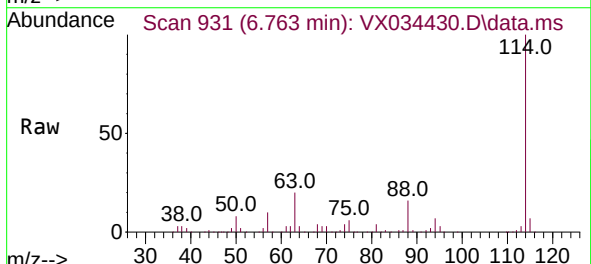
Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20230308

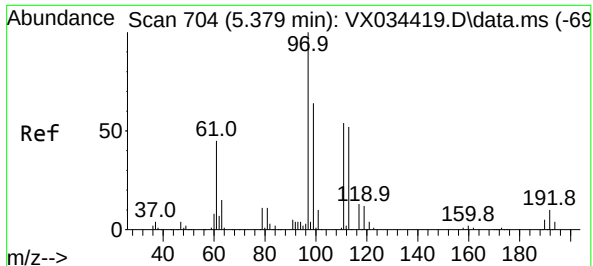
Tgt Ion: 65 Resp: 181752
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034430.D
 Acq: 13 Mar 2023 14:14

Tgt Ion: 114 Resp: 465420
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.2
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.870 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034430.D

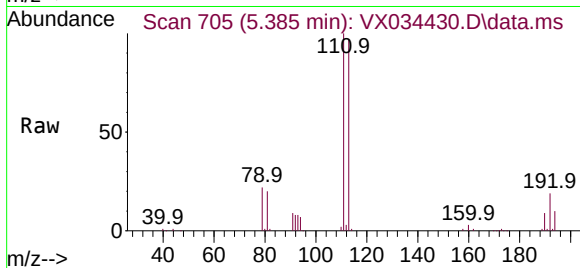
Acq: 13 Mar 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

TB02-20230308



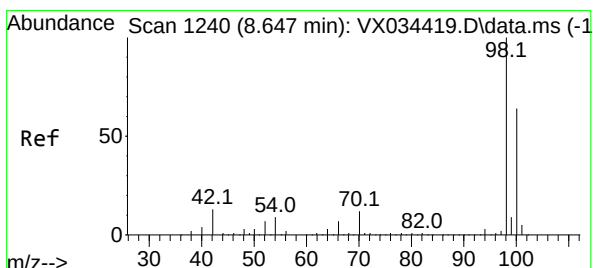
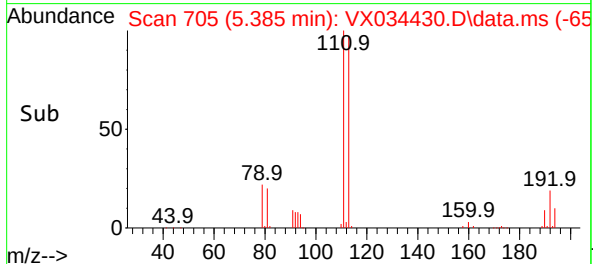
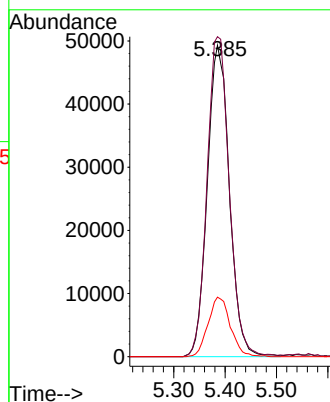
Tgt Ion:113 Resp: 147101

Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 49.122 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034430.D

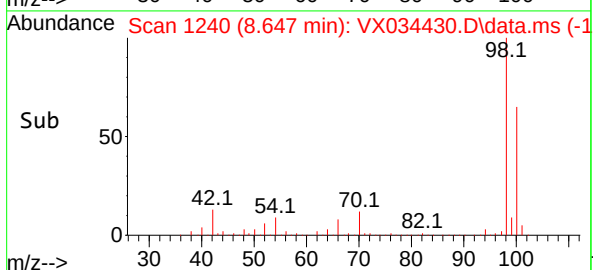
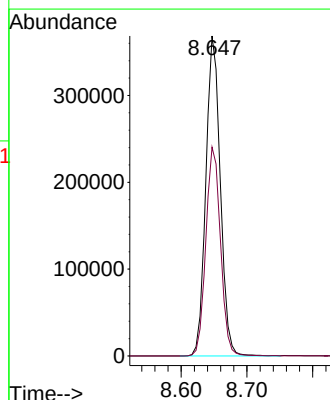
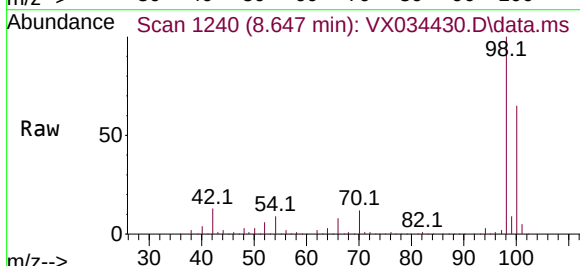
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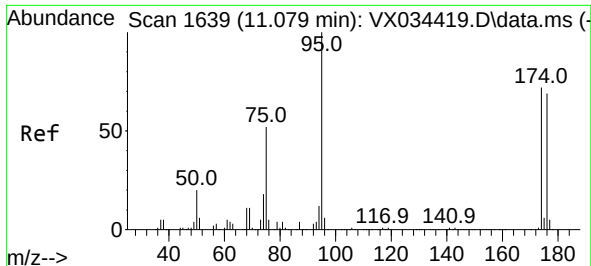
Tgt Ion: 98 Resp: 563499

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7

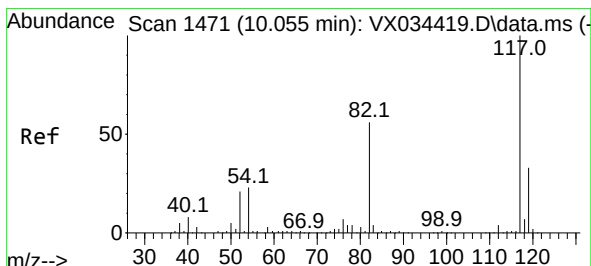
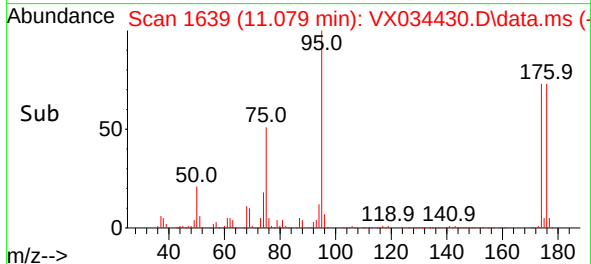
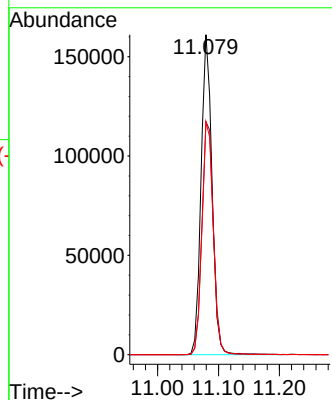
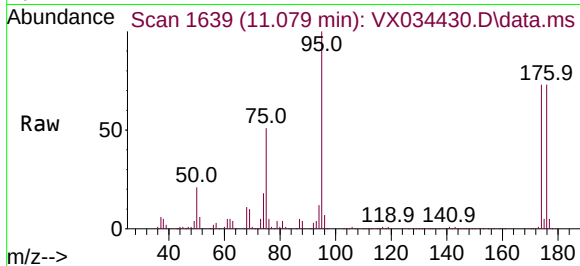




#62
4-Bromofluorobenzene
Concen: 43.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

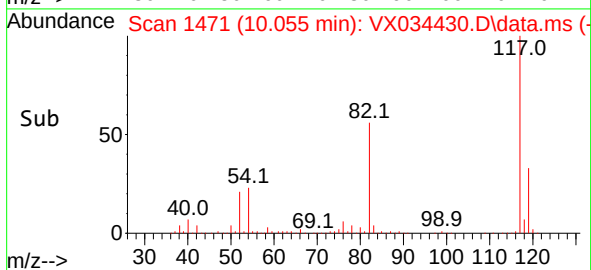
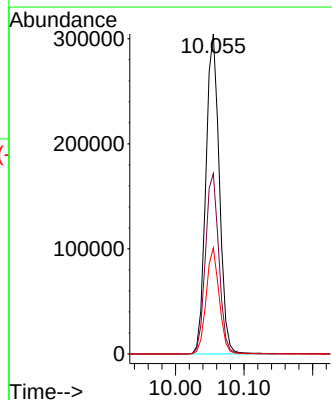
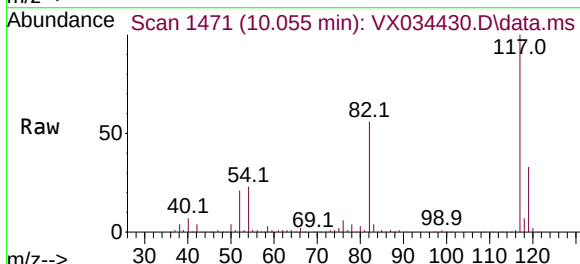
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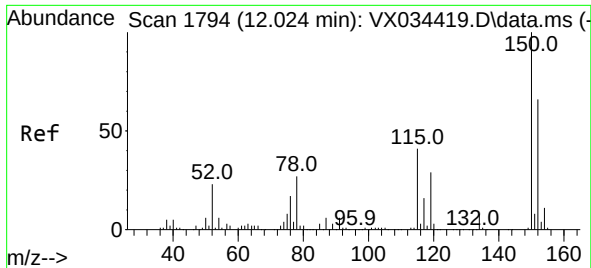
Tgt Ion: 95 Resp: 200568
Ion Ratio Lower Upper
95 100
174 77.2 0.0 147.4
176 75.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034430.D
Acq: 13 Mar 2023 14:14

Tgt Ion: 117 Resp: 416902
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 33.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034430.D

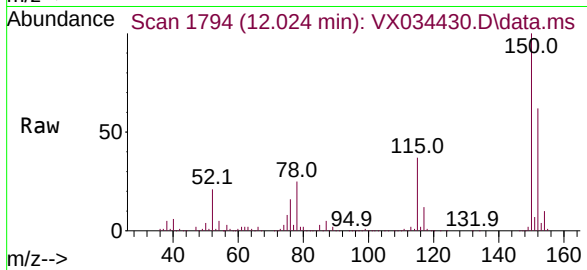
Acq: 13 Mar 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

TB02-20230308



Tgt Ion:152 Resp: 187396

Ion Ratio Lower Upper

152 100

115 59.6 45.0 135.0

150 158.6 0.0 352.4

