

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034264.D
 Acq On : 24 Feb 2023 14:26
 Operator : JC/MD
 Sample : 01674-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Feb 24 22:22:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

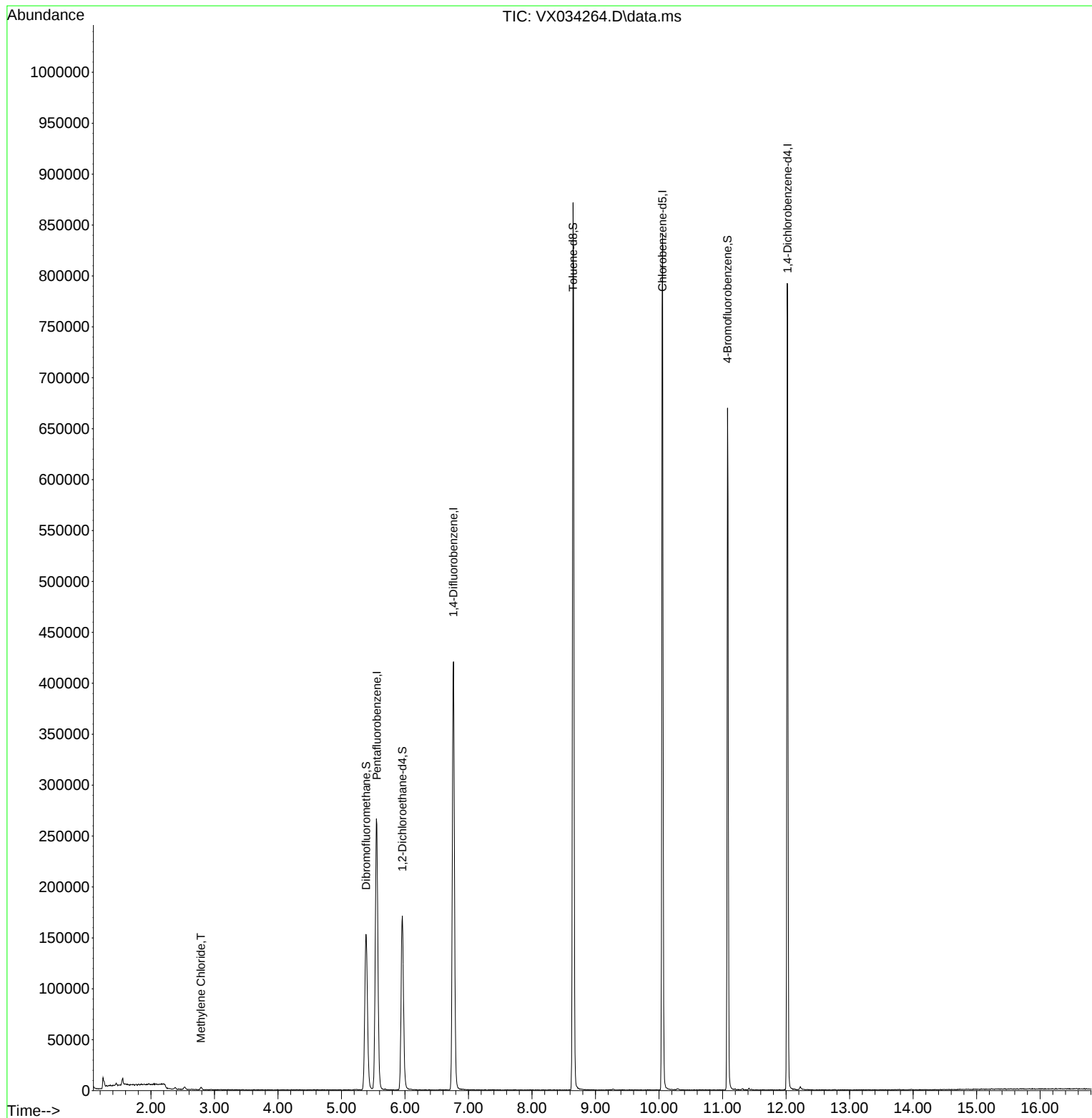
Internal Standards						
1) Pentafluorobenzene	5.556	168	268961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	443574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157537	43.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.980%
35) Dibromofluoromethane	5.385	113	134849	46.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	519137	50.065	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.140%
62) 4-Bromofluorobenzene	11.079	95	176899	44.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1165	0.346	ug/l	88

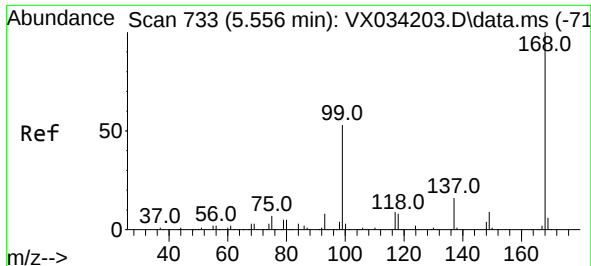
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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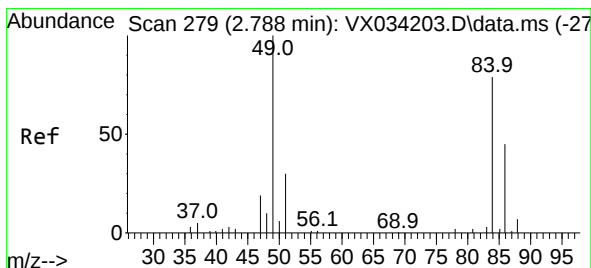
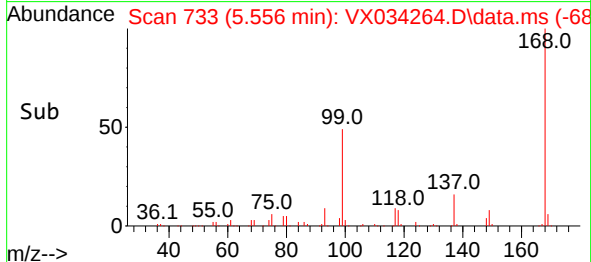
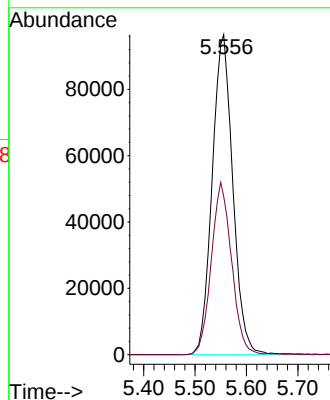
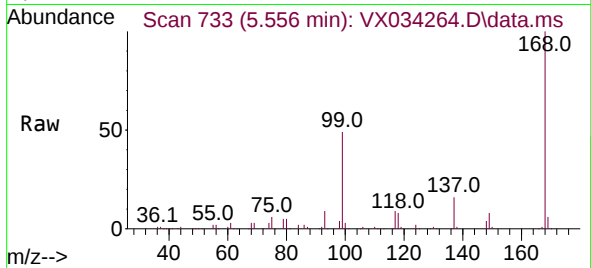




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

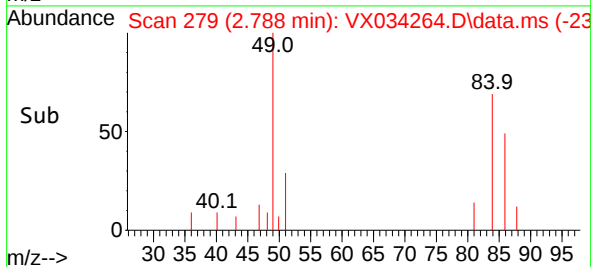
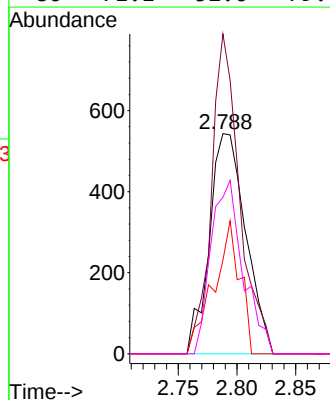
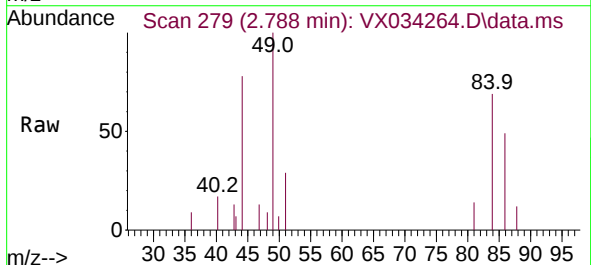
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

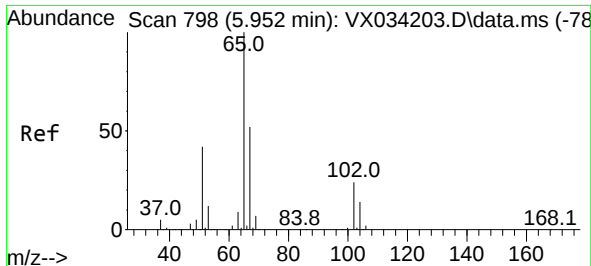
Tgt Ion:168 Resp: 268961
Ion Ratio Lower Upper
168 100
99 49.4 39.6 59.4



#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

Tgt Ion: 84 Resp: 1165
Ion Ratio Lower Upper
84 100
49 145.3 101.1 151.7
51 42.5 31.0 46.6
86 71.1 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 43.491 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034264.D

Acq: 24 Feb 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

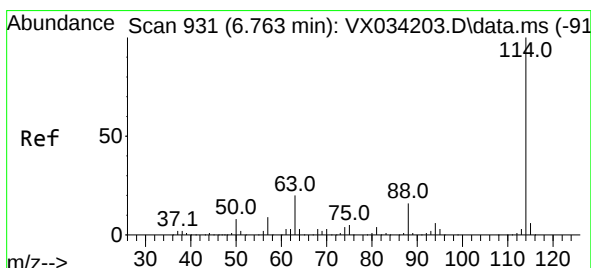
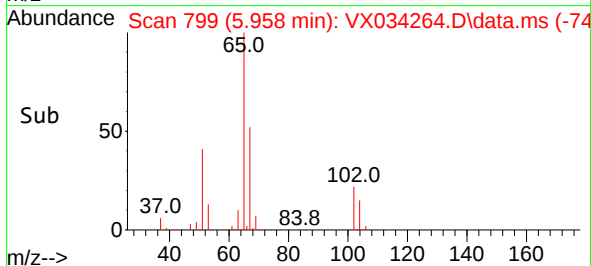
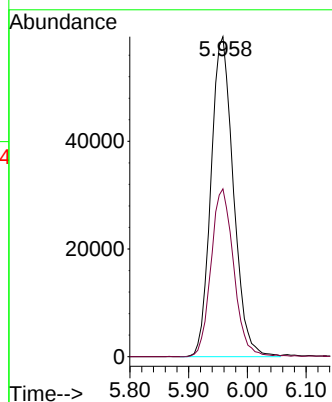
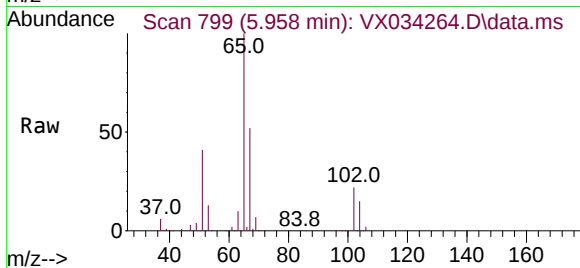
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 157537

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034264.D

Acq: 24 Feb 2023 14:26

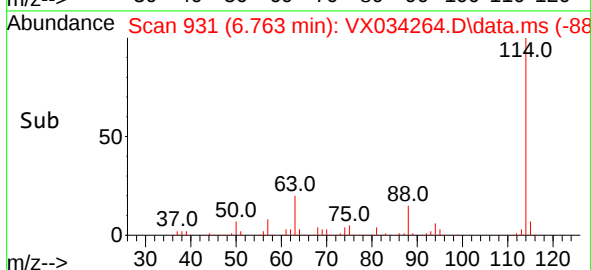
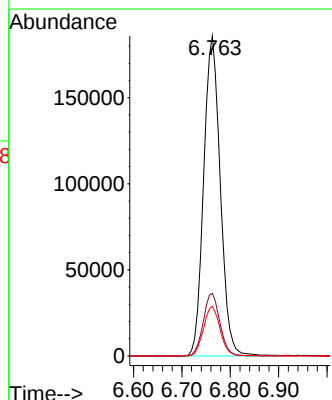
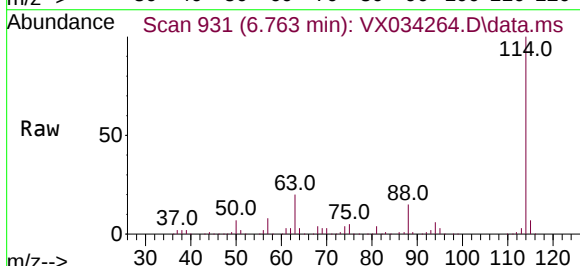
Tgt Ion: 114 Resp: 443574

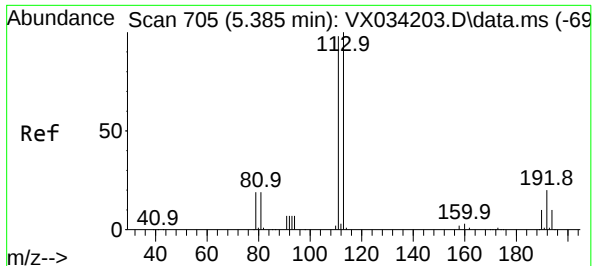
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.691 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034264.D

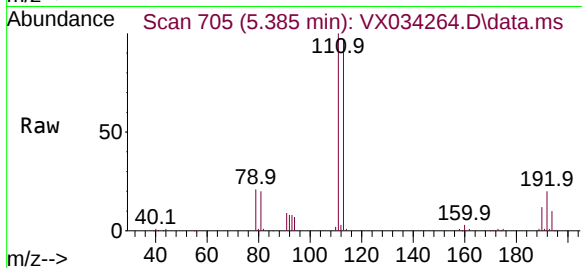
Acq: 24 Feb 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



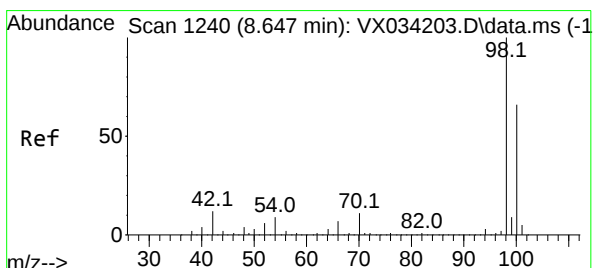
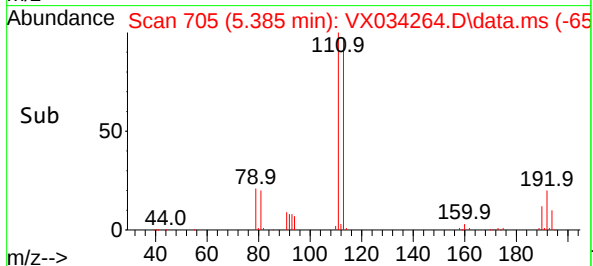
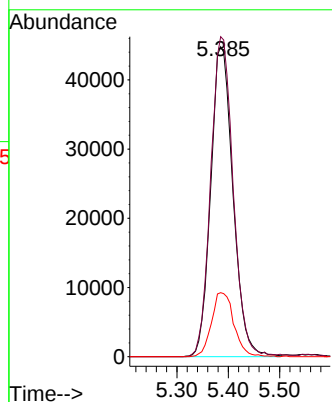
Tgt Ion:113 Resp: 134849

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.6

192 20.8 19.0 28.4



#50

Toluene-d8

Concen: 50.065 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034264.D

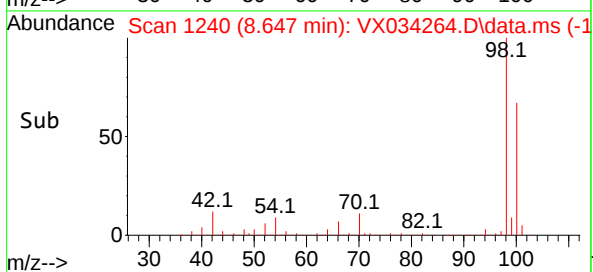
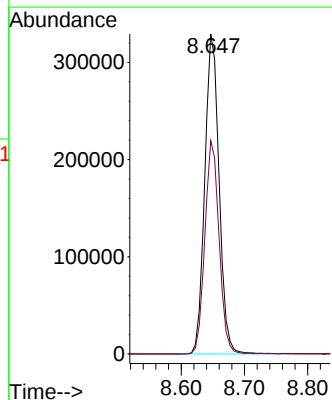
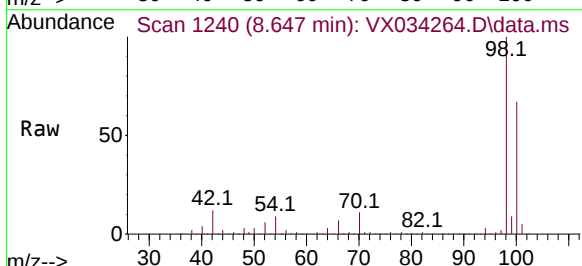
Acq: 24 Feb 2023 14:26

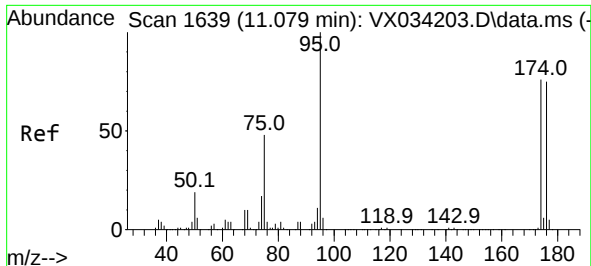
Tgt Ion: 98 Resp: 519137

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4

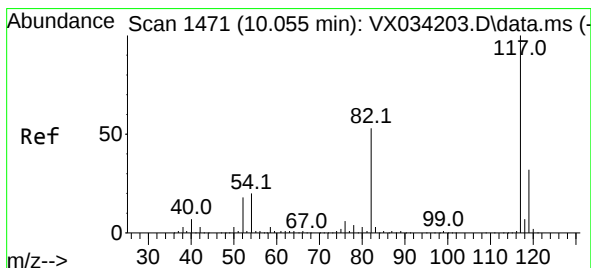
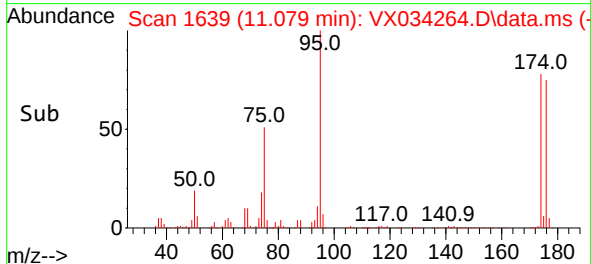
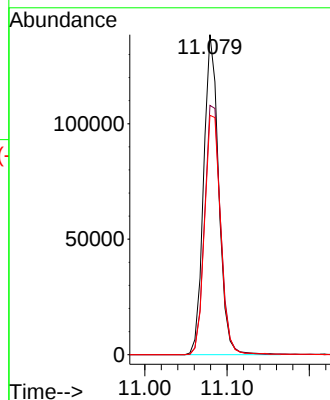
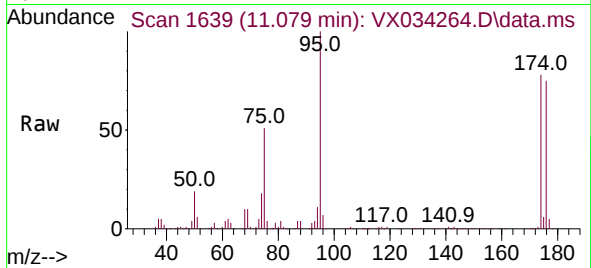




#62
4-Bromofluorobenzene
Concen: 44.601 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

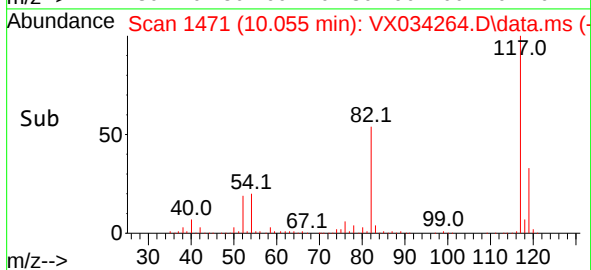
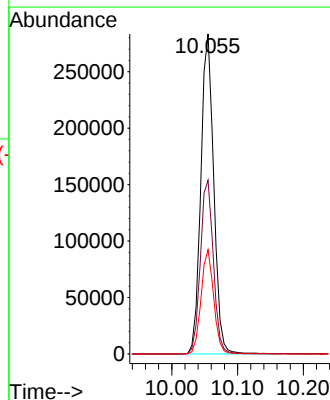
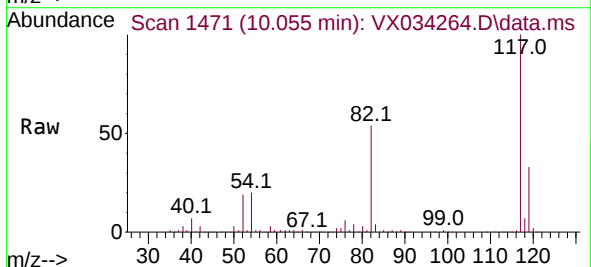
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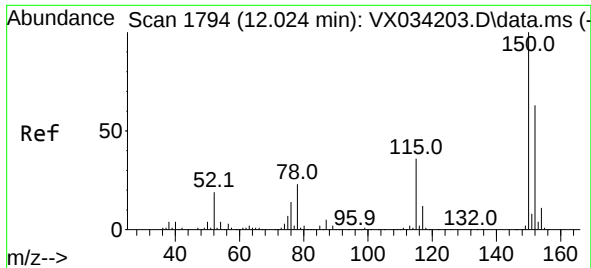
Tgt Ion: 95 Resp: 176899
Ion Ratio Lower Upper
95 100
174 82.5 0.0 184.4
176 79.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034264.D
Acq: 24 Feb 2023 14:26

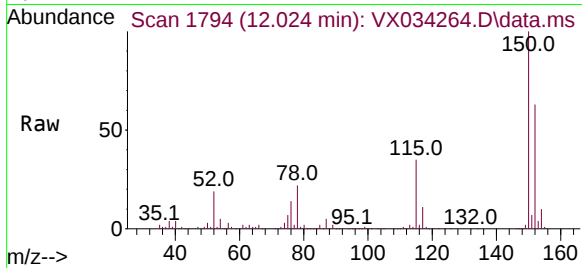
Tgt Ion: 117 Resp: 386902
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034264.D
 Acq: 24 Feb 2023 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG



Tgt Ion:152 Resp: 171114
 Ion Ratio Lower Upper
 152 100
 115 57.5 38.7 116.1
 150 157.9 0.0 348.2

