

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034347.D
 Acq On : 06 Mar 2023 14:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 07 00:38:31 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)

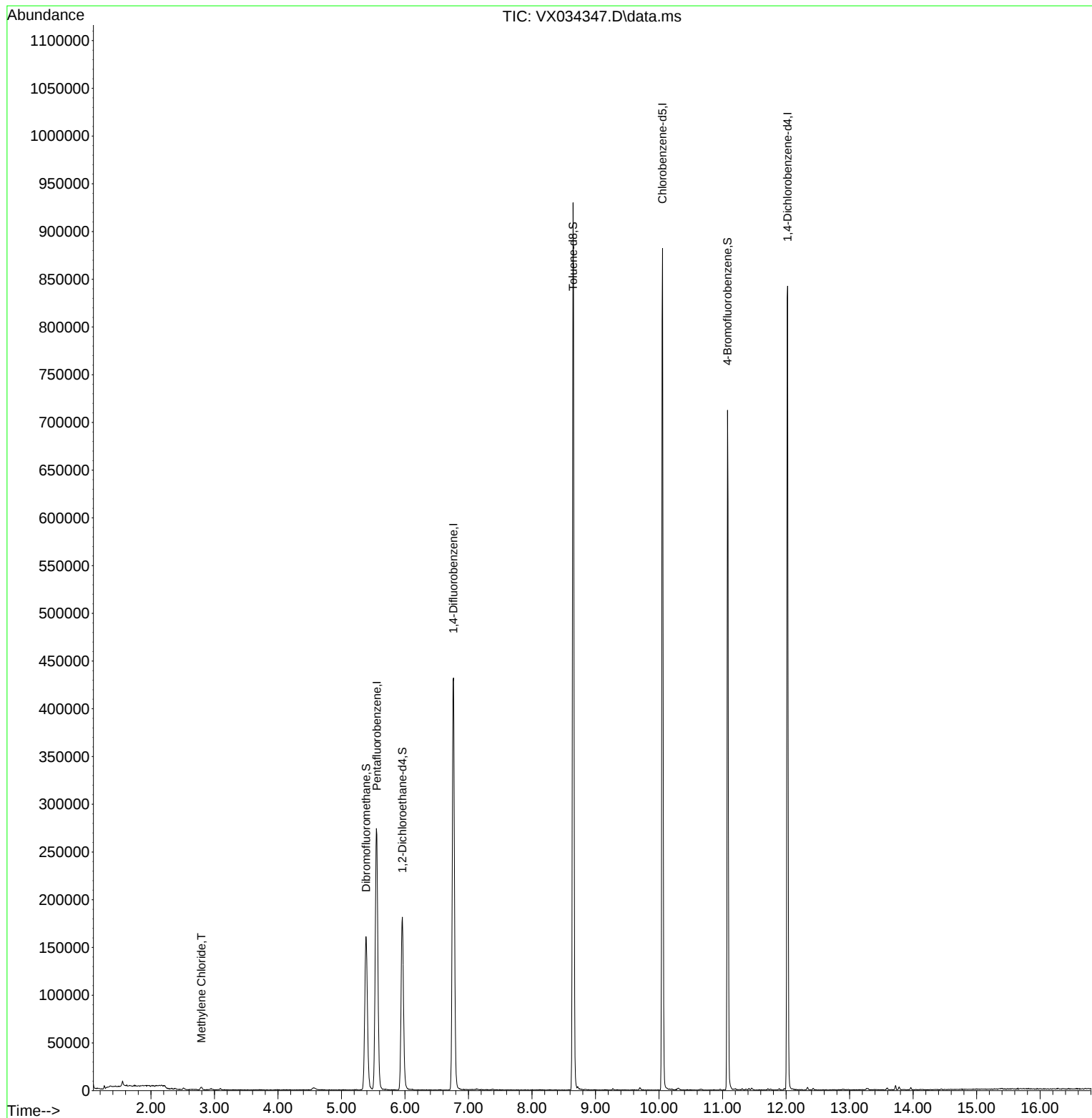
Internal Standards						
1) Pentafluorobenzene	5.556	168	270768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167463	45.923	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.840%
35) Dibromofluoromethane	5.385	113	141745	48.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.647	98	548228	51.752	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	11.079	95	186941	46.135	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	1398	0.412	ug/l #	87

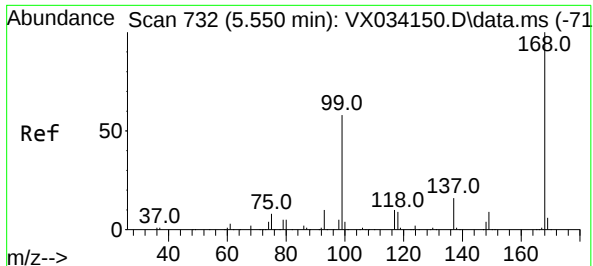
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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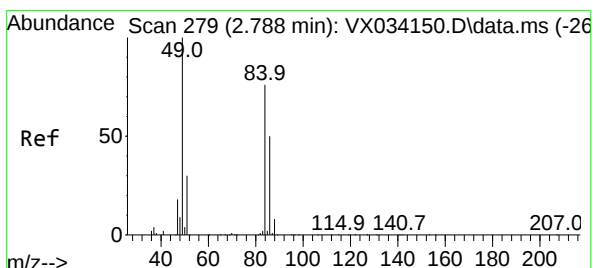
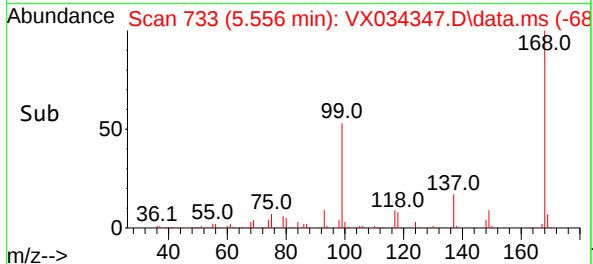
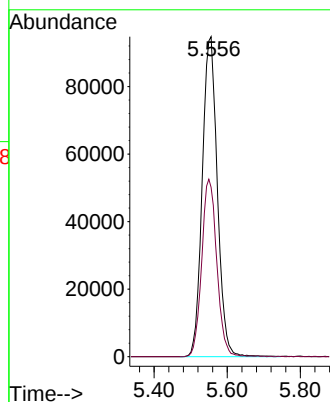
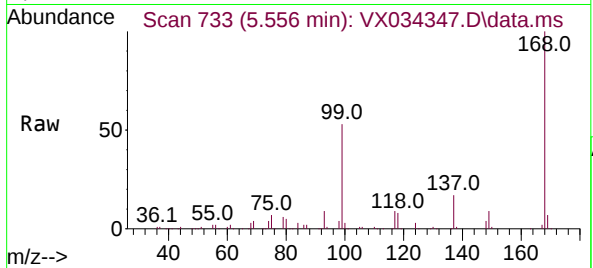




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

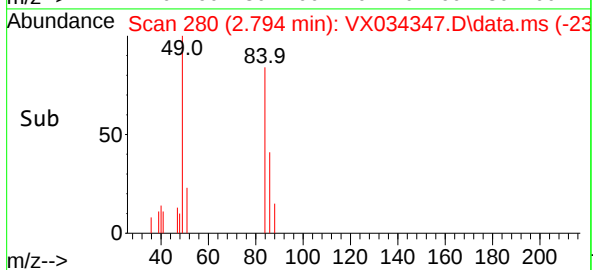
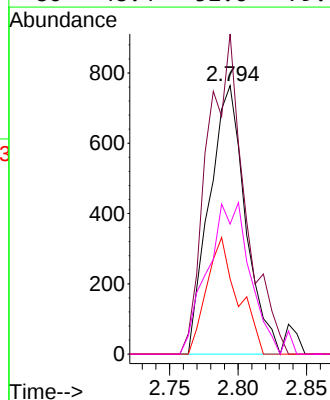
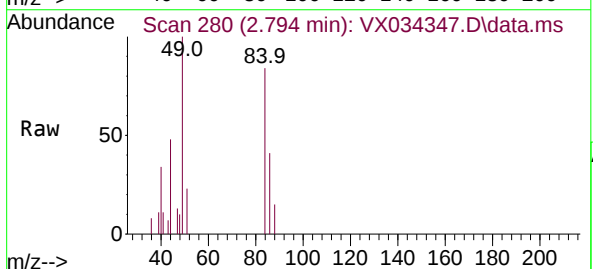
Instrument :
MSVOA_X
ClientSampleId :
IBLK

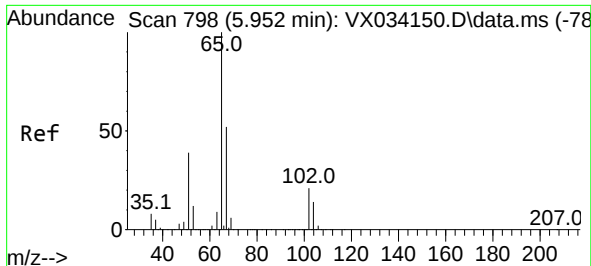
Tgt Ion:168 Resp: 270768
Ion Ratio Lower Upper
168 100
99 53.0 39.6 59.4



#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 84 Resp: 1398
Ion Ratio Lower Upper
84 100
49 119.2 101.1 151.7
51 28.0 31.0 46.6#
86 48.4 52.6 79.0#





#33

1,2-Dichloroethane-d4

Concen: 45.923 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034347.D

Acq: 06 Mar 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

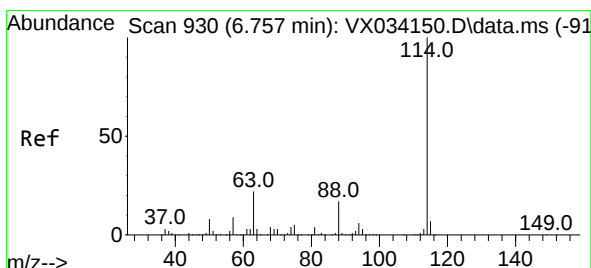
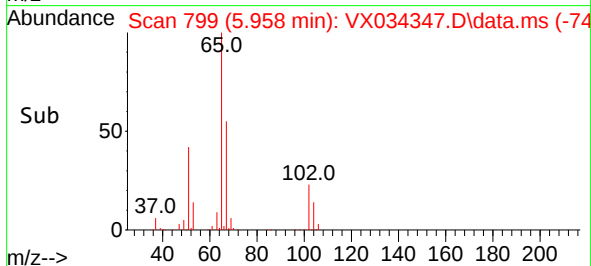
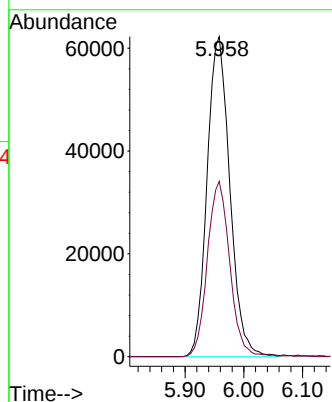
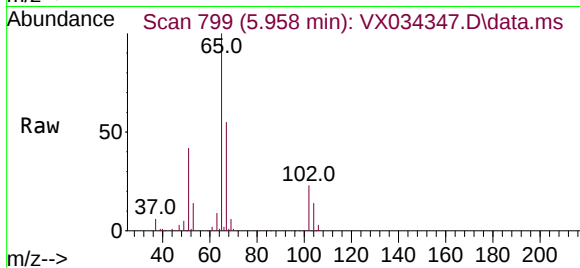
IBLK

Tgt Ion: 65 Resp: 167463

Ion Ratio Lower Upper

65 100

67 53.9 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: VX034347.D

Acq: 06 Mar 2023 14:13

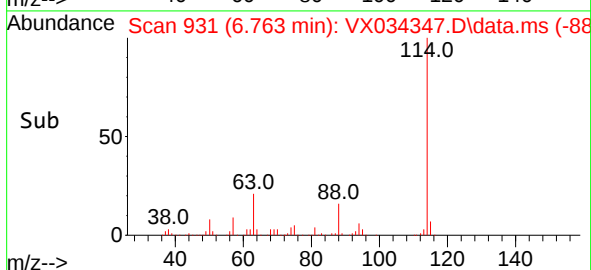
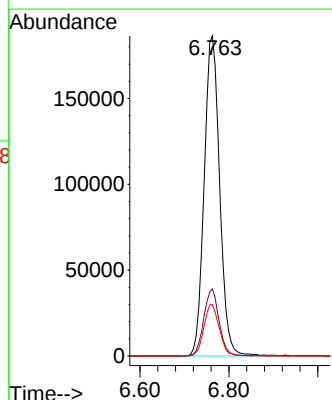
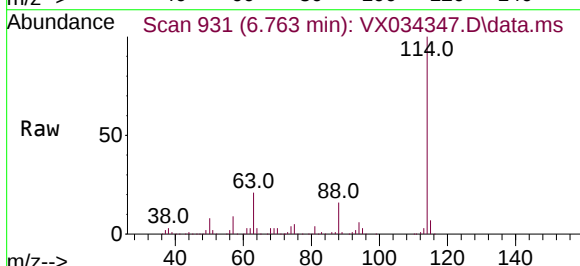
Tgt Ion: 114 Resp: 453164

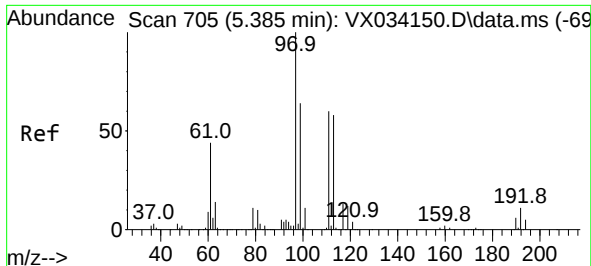
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 16.0 0.0 30.6

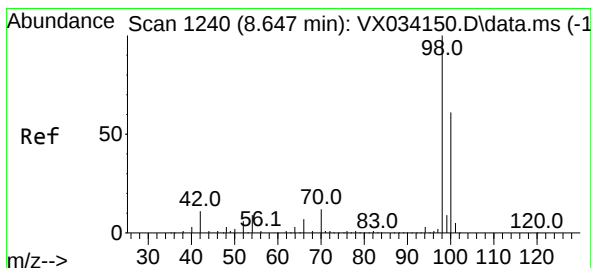
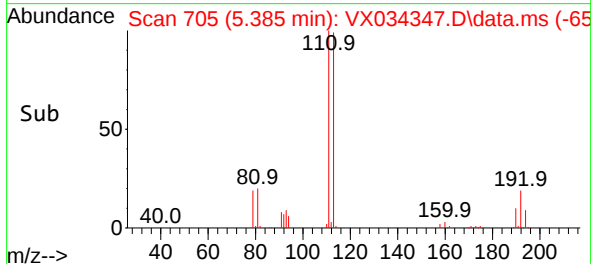
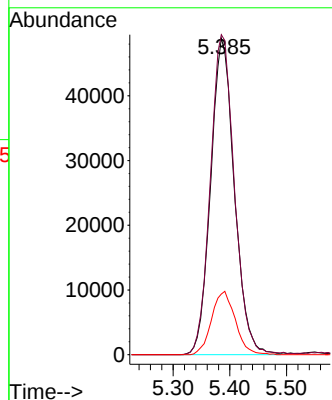
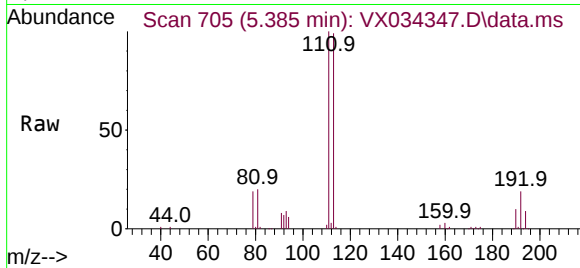




#35
Dibromofluoromethane
Concen: 48.040 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

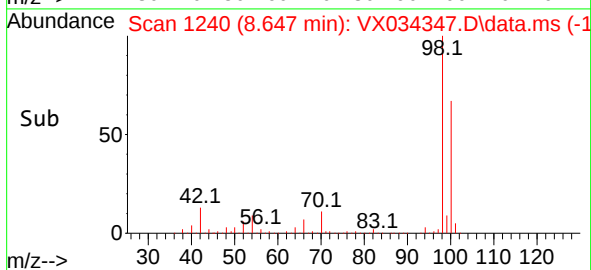
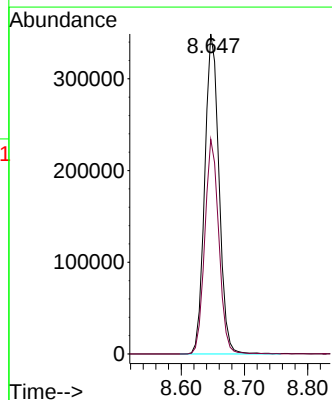
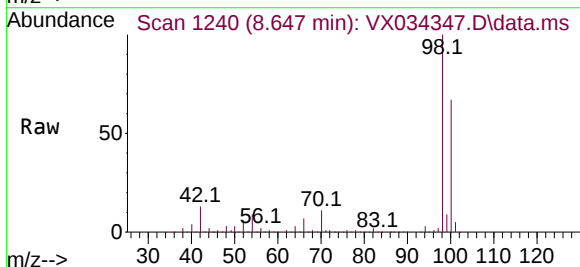
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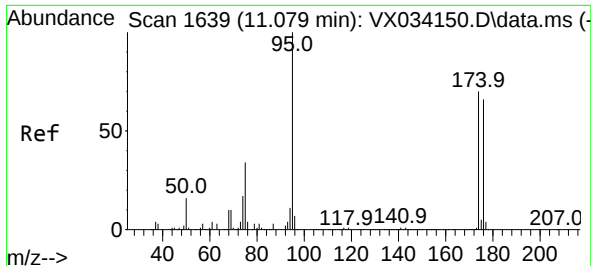
Tgt Ion:113 Resp: 141745
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 20.0 19.0 28.4



#50
Toluene-d8
Concen: 51.752 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 98 Resp: 548228
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4

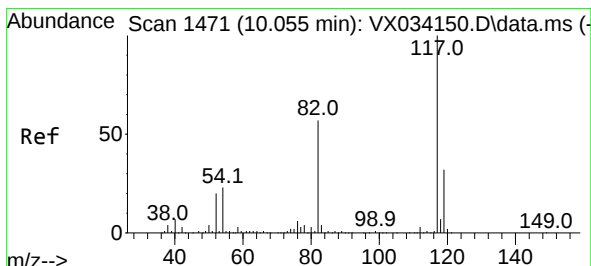
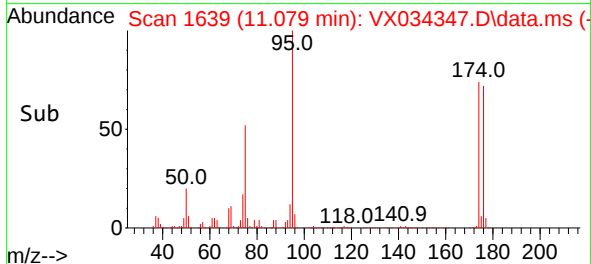
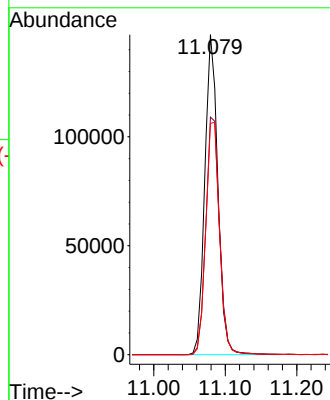
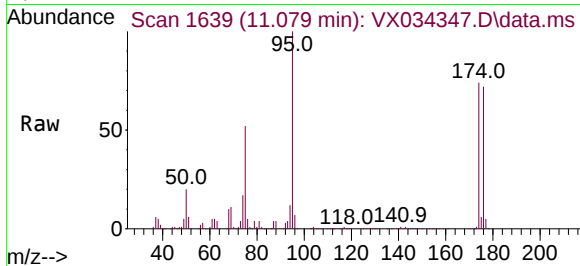




#62
4-Bromofluorobenzene
Concen: 46.135 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

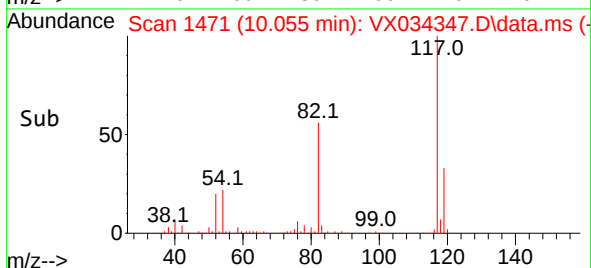
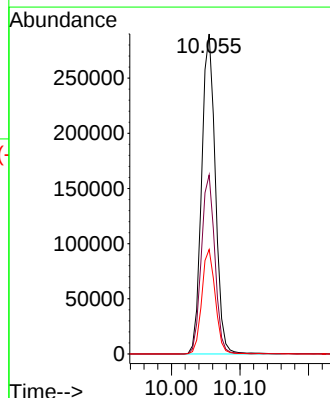
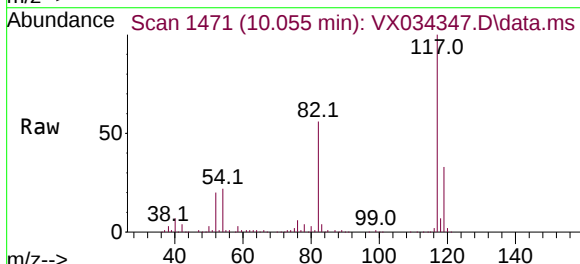
Instrument :
MSVOA_X
ClientSampleId :
IBLK

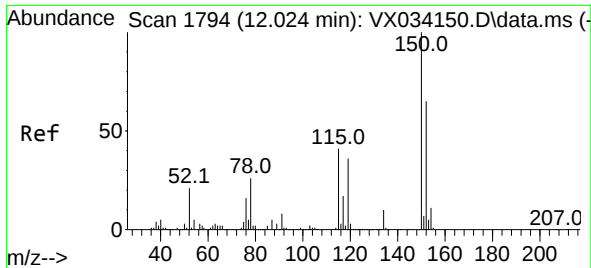
Tgt Ion: 95 Resp: 186941
Ion Ratio Lower Upper
95 100
174 78.4 0.0 184.4
176 76.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034347.D
Acq: 06 Mar 2023 14:13

Tgt Ion: 117 Resp: 404029
Ion Ratio Lower Upper
117 100
82 55.9 40.6 60.8
119 32.7 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: VX034347.D

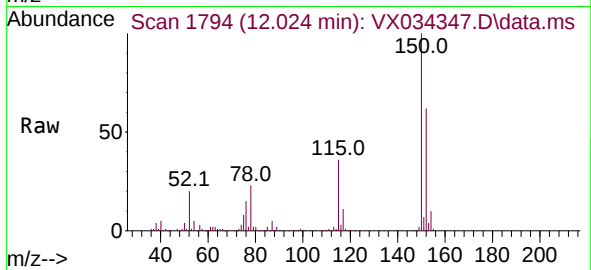
Acq: 06 Mar 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:152 Resp: 178509

Ion Ratio Lower Upper

152 100

115 59.8 38.7 116.1

150 159.1 0.0 348.2

