

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034353.D
 Acq On : 06 Mar 2023 16:35
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 07 00:40:58 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)

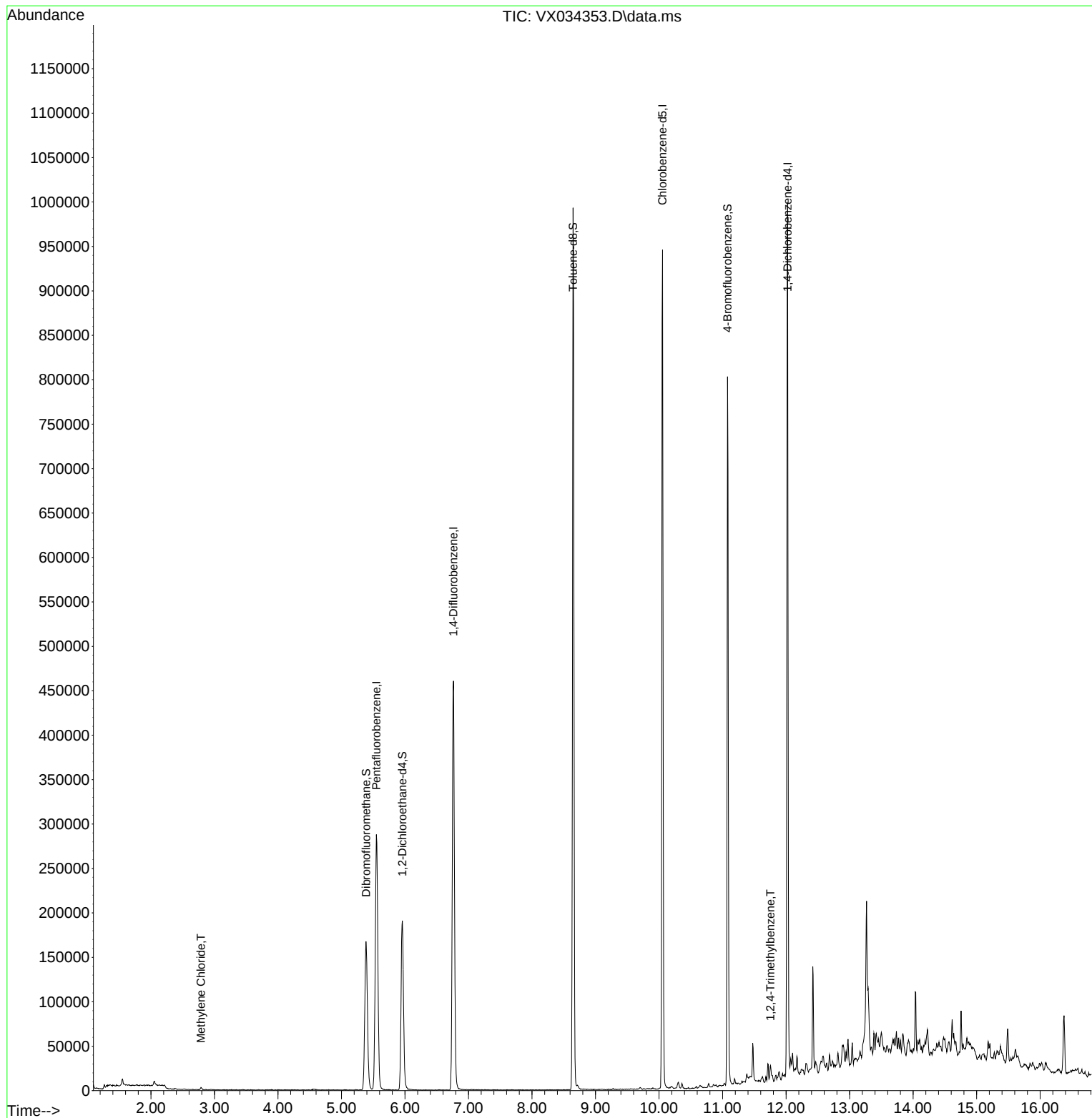
Internal Standards						
1) Pentafluorobenzene	5.550	168	277013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	476599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179624	48.147	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.385	113	148227	47.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	574876	51.599	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.200%
62) 4-Bromofluorobenzene	11.079	95	209678	49.202	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1123	0.324	ug/l #	88
84) 1,2,4-Trimethylbenzene	11.756	105	6934	0.510	ug/l	99

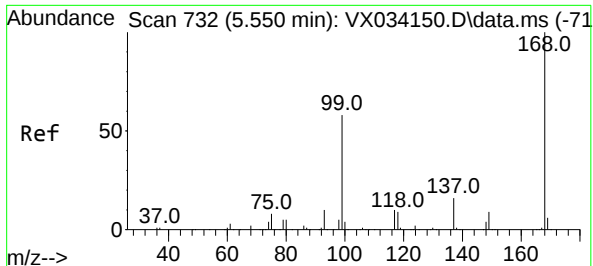
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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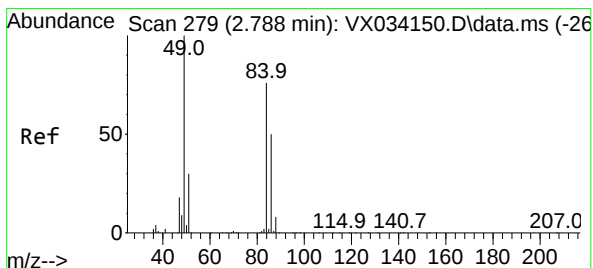
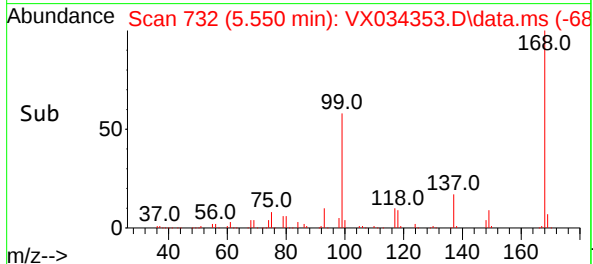
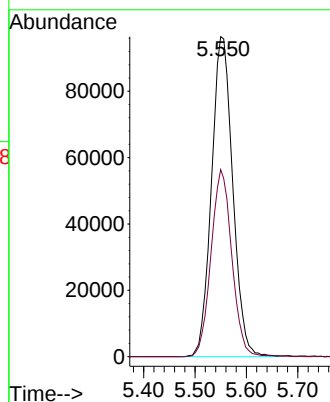
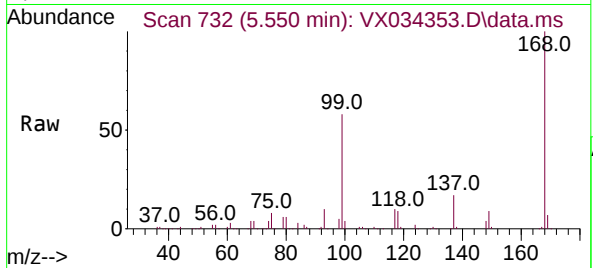




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

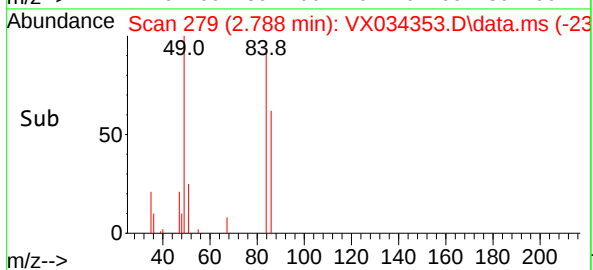
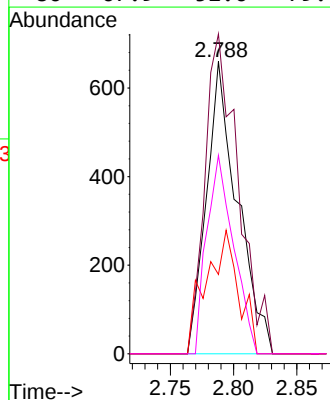
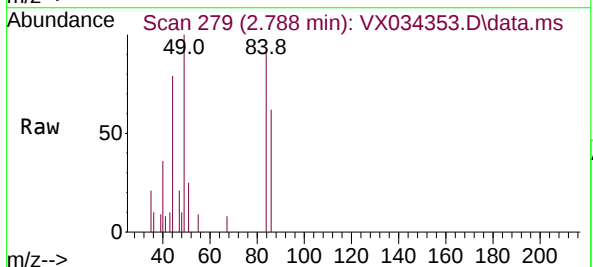
Instrument :
MSVOA_X
ClientSampleId :
IBLK

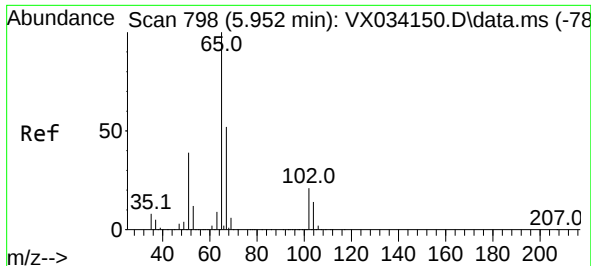
Tgt Ion:168 Resp: 277013
Ion Ratio Lower Upper
168 100
99 58.5 39.6 59.4



#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 84 Resp: 1123
Ion Ratio Lower Upper
84 100
49 109.4 101.1 151.7
51 27.1 31.0 46.6#
86 67.9 52.6 79.0

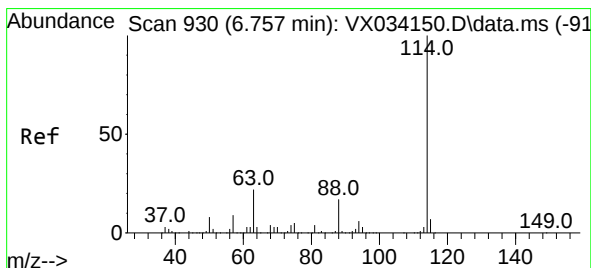
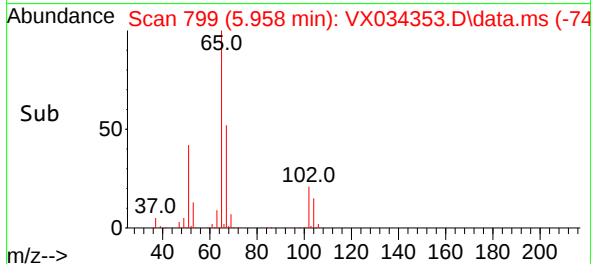
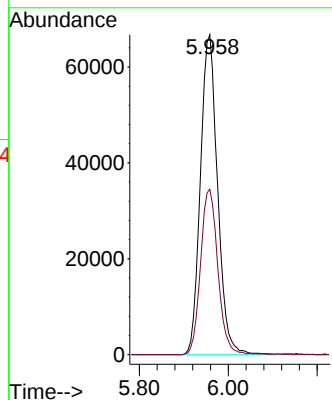
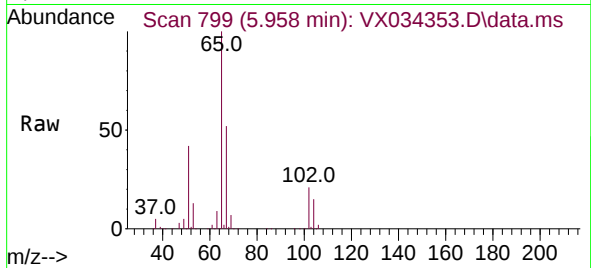




#33
 1,2-Dichloroethane-d4
 Concen: 48.147 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034353.D
 Acq: 06 Mar 2023 16:35

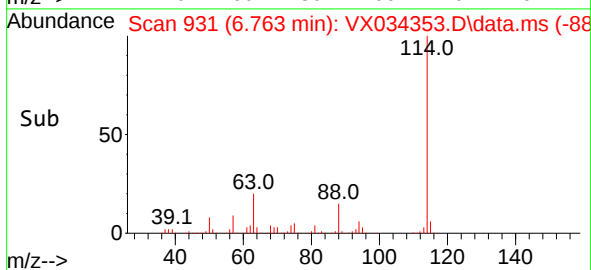
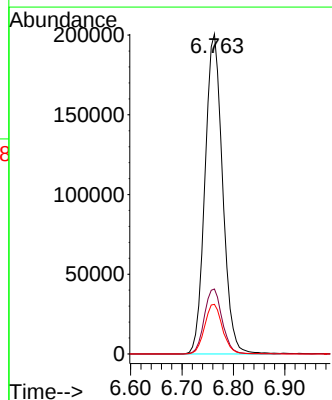
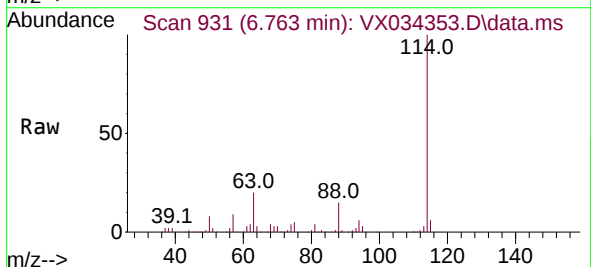
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

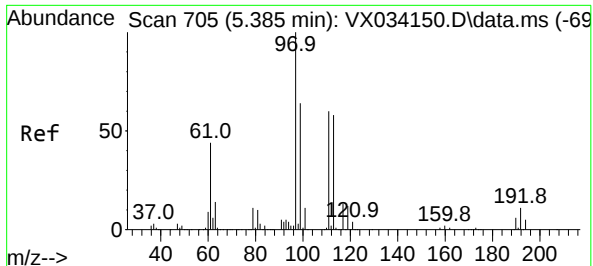
Tgt Ion: 65 Resp: 179624
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034353.D
 Acq: 06 Mar 2023 16:35

Tgt Ion: 114 Resp: 476599
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.767 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034353.D

Acq: 06 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

IBLK

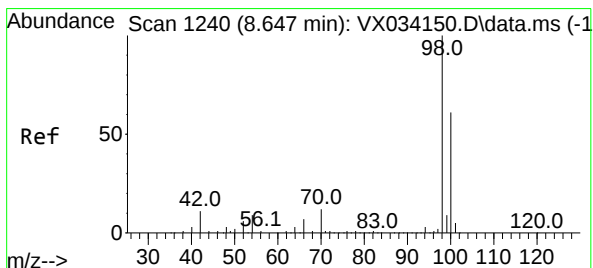
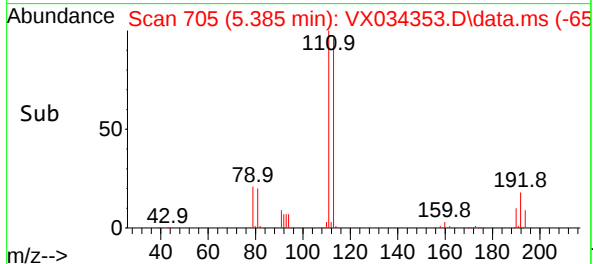
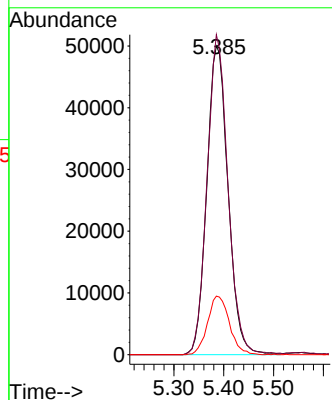
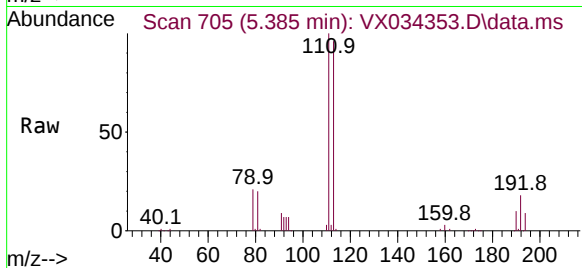
Tgt Ion:113 Resp: 148227

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

192 19.4 19.0 28.4



#50

Toluene-d8

Concen: 51.599 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034353.D

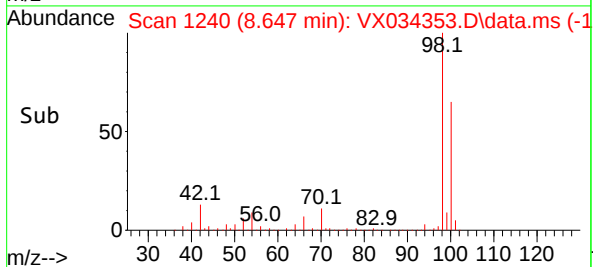
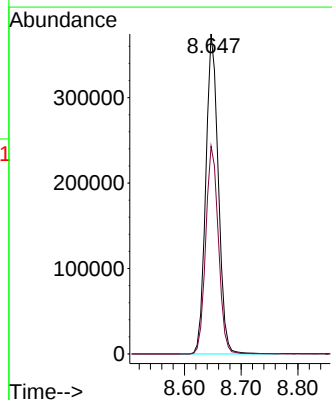
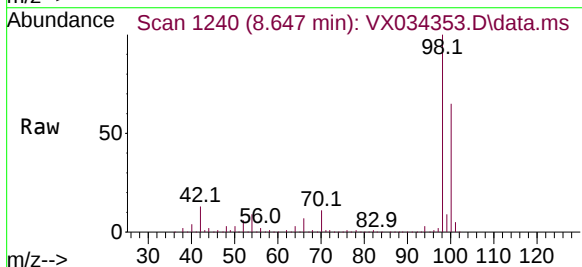
Acq: 06 Mar 2023 16:35

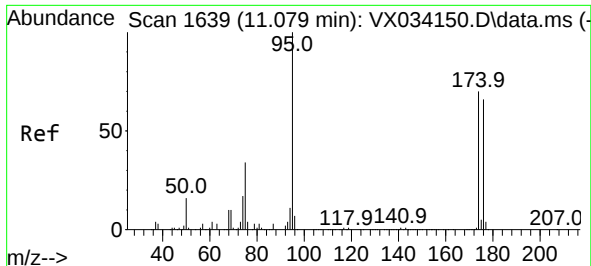
Tgt Ion: 98 Resp: 574876

Ion Ratio Lower Upper

98 100

100 65.8 53.6 80.4

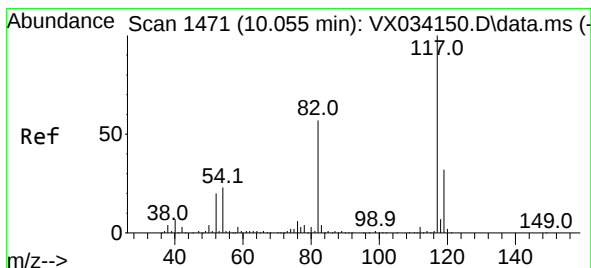
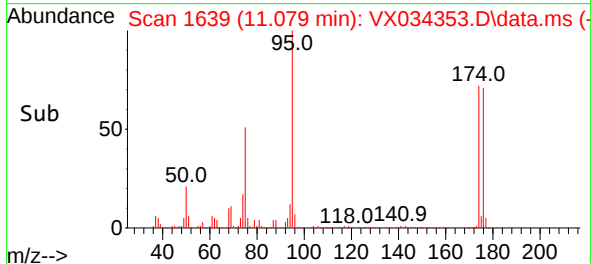
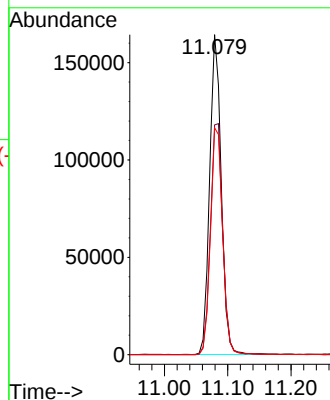
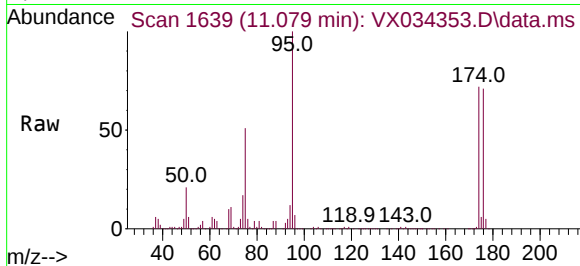




#62
4-Bromofluorobenzene
Concen: 49.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

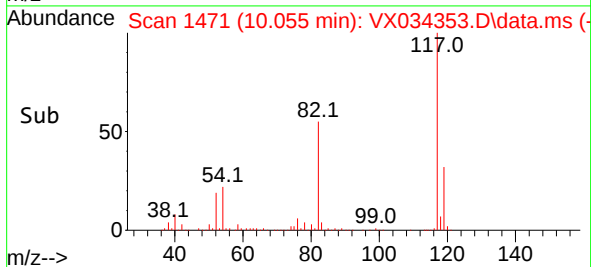
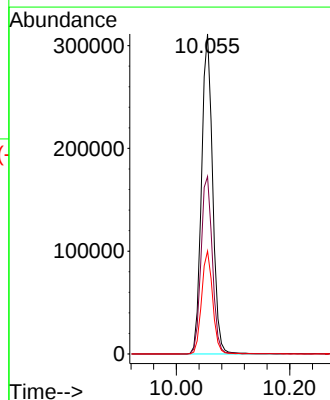
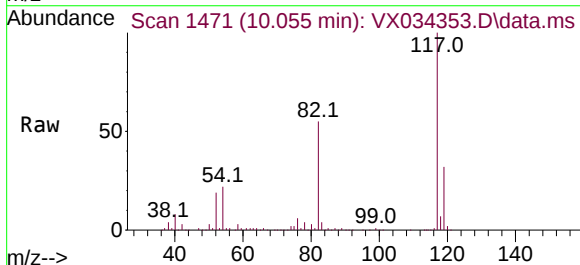
Instrument :
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ClientSampleId :
IBLK

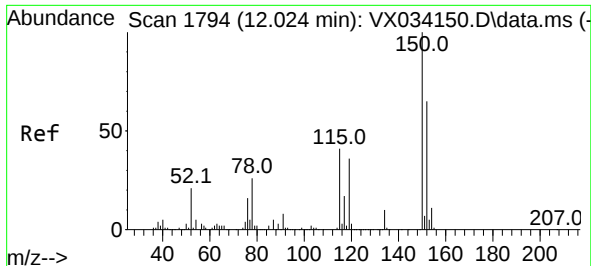
Tgt Ion: 95 Resp: 209678
Ion Ratio Lower Upper
95 100
174 76.6 0.0 184.4
176 74.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034353.D
Acq: 06 Mar 2023 16:35

Tgt Ion: 117 Resp: 422757
Ion Ratio Lower Upper
117 100
82 55.5 40.6 60.8
119 32.2 25.6 38.4

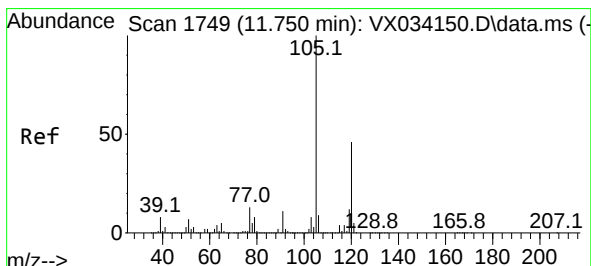
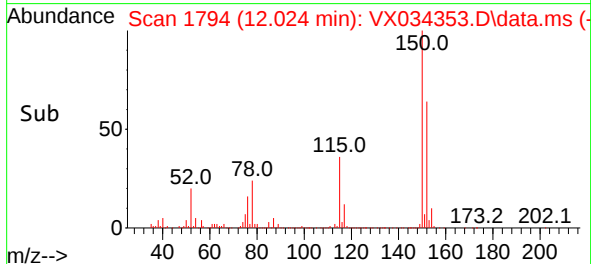
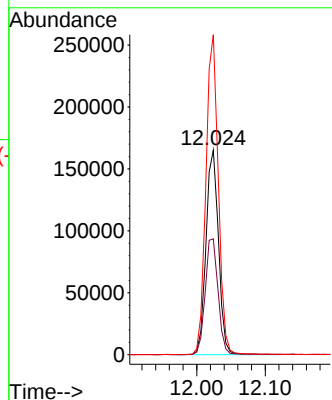
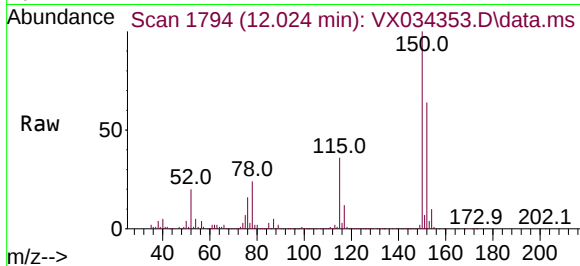




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034353.D
 Acq: 06 Mar 2023 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 209909
 Ion Ratio Lower Upper
 152 100
 115 58.4 38.7 116.1
 150 155.1 0.0 348.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.510 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX034353.D
 Acq: 06 Mar 2023 16:35

Tgt Ion:105 Resp: 6934
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.4 70.2

