

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023322.D
 Acq On : 16 Jul 2021 13:08
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 17 02:08:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

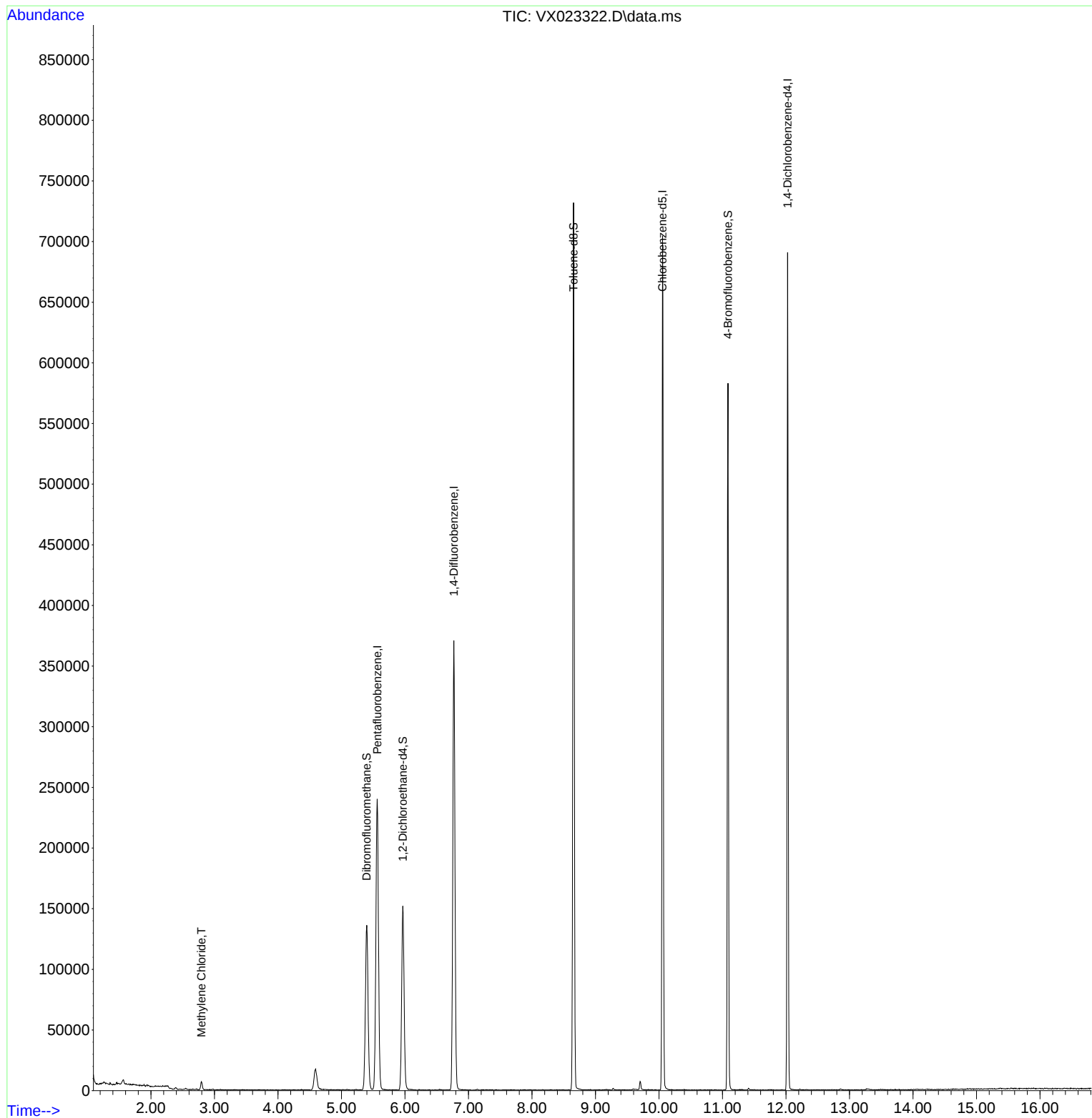
Internal Standards						
1) Pentafluorobenzene	5.562	168	222427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	363724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	155341	51.964	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.920%
35) Dibromofluoromethane	5.397	113	117753	50.134	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.653	98	425457	48.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.085	95	154790	45.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.520%
Target Compounds						Qvalue
20) Methylene Chloride	2.794	84	3070	1.206	ug/l	92

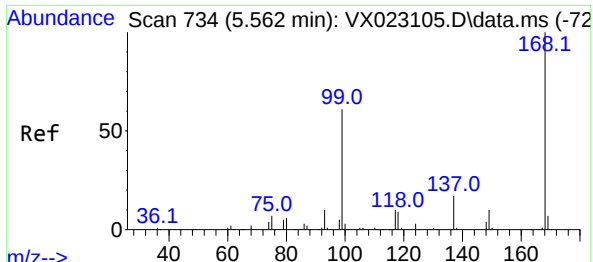
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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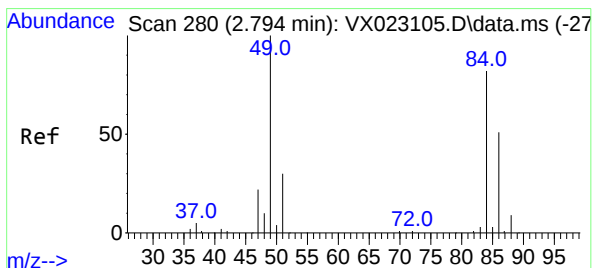
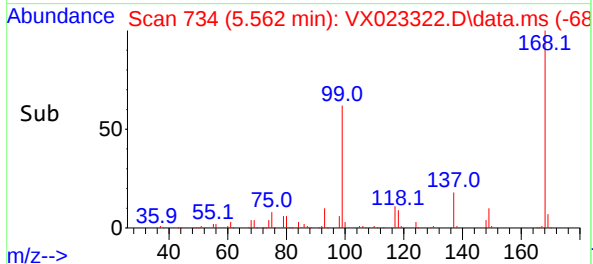
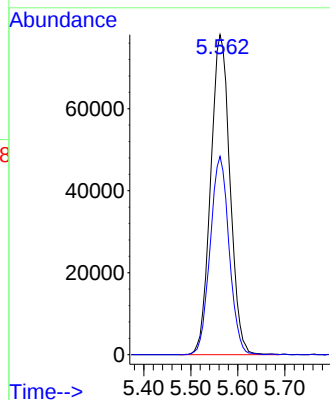
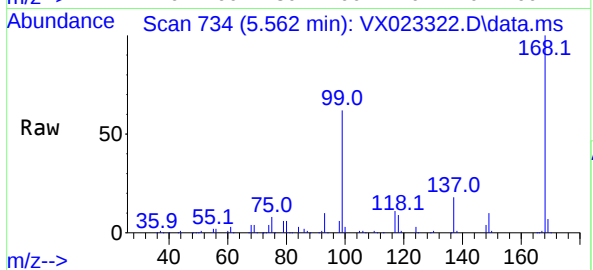




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

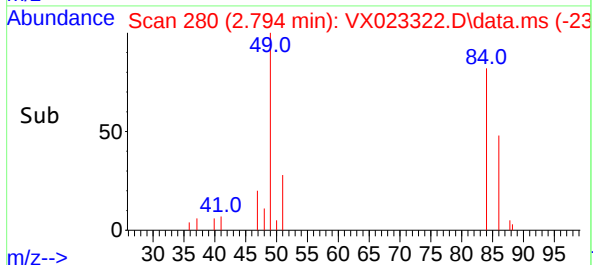
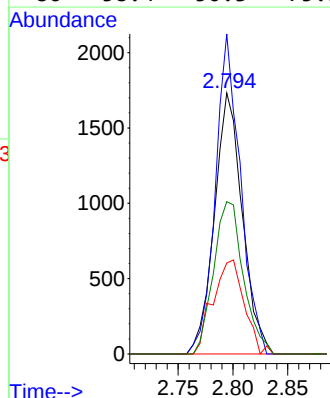
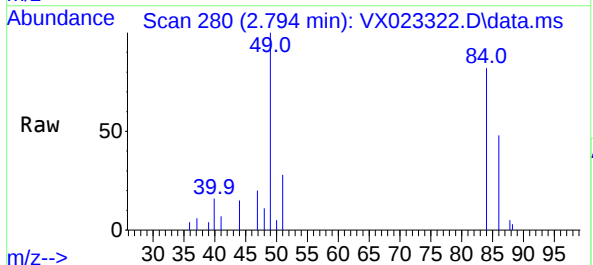
Instrument :
MSVOA_X
ClientSampleId :
IBLK

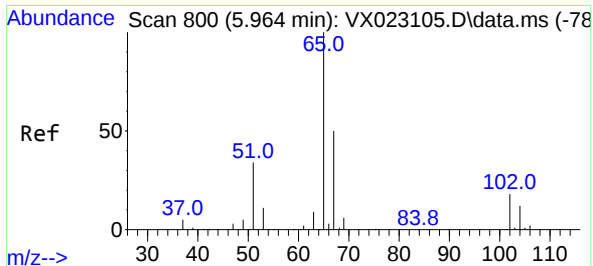
Tgt Ion:168 Resp: 222427
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#20
Methylene Chloride
Concen: 1.206 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 84 Resp: 3070
Ion Ratio Lower Upper
84 100
49 122.6 88.6 132.8
51 34.8 27.0 40.6
86 58.4 50.3 75.5

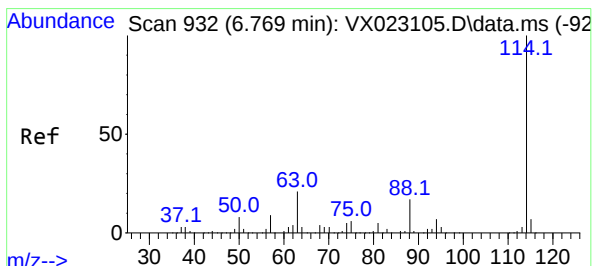
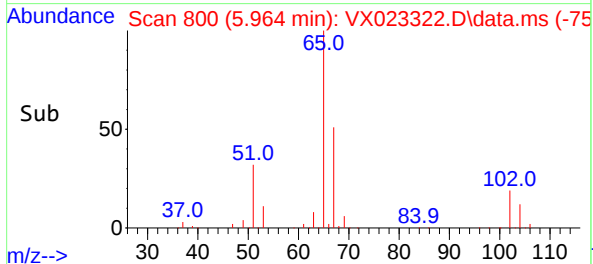
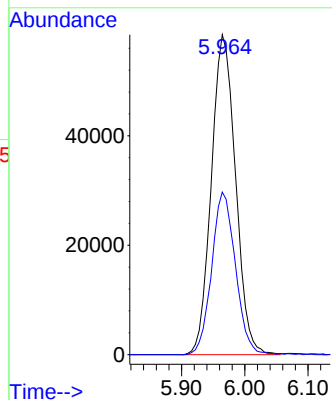
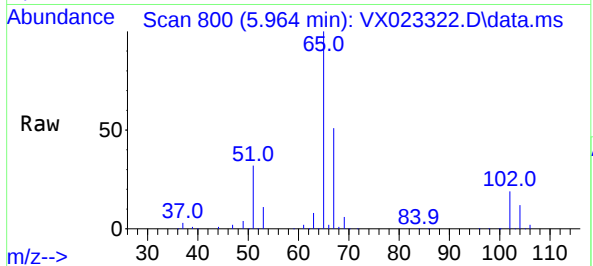




#33
1,2-Dichloroethane-d4
Concen: 51.964 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

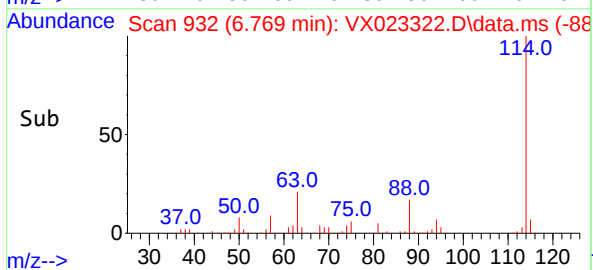
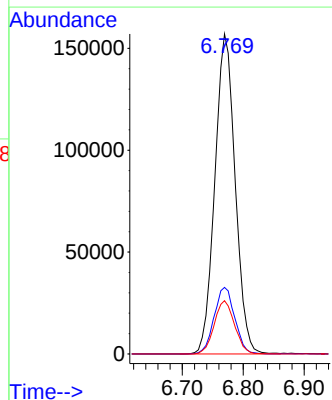
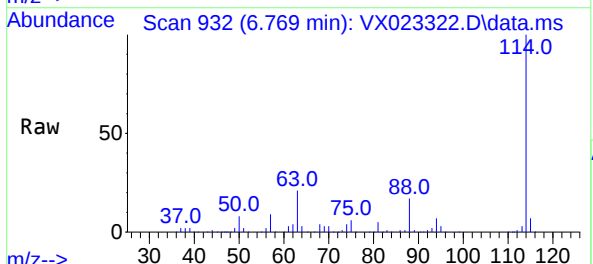
Instrument :
MSVOA_X
ClientSampled :
IBLK

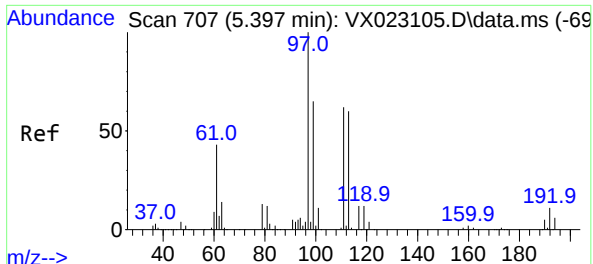
Tgt Ion: 65 Resp: 155341
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 114 Resp: 363724
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 32.8

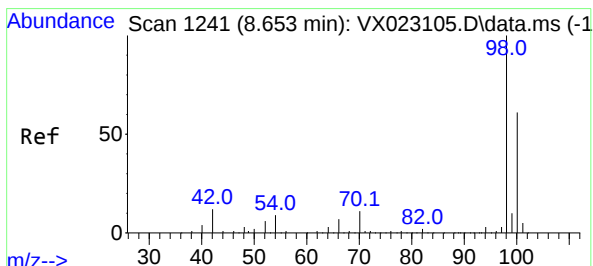
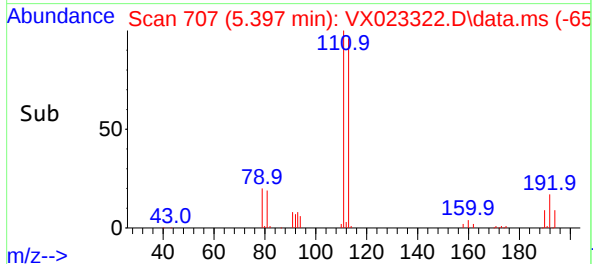
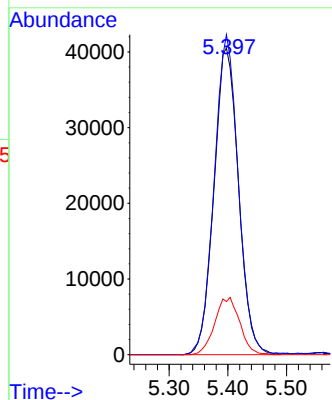
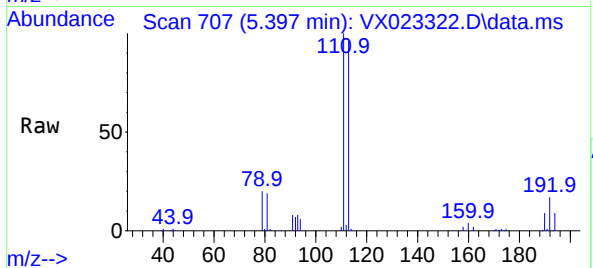




#35
Dibromofluoromethane
Concen: 50.134 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

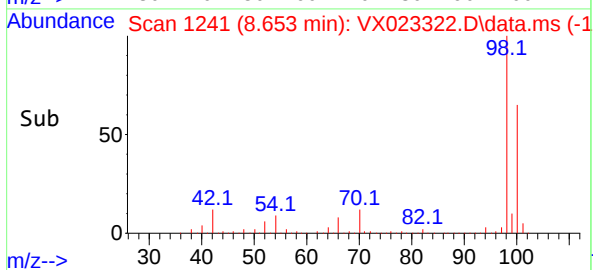
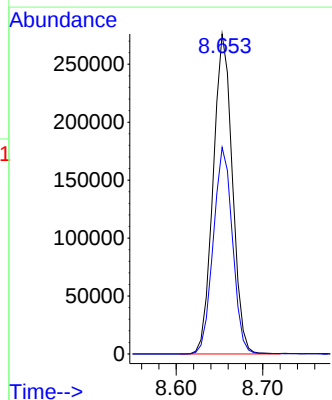
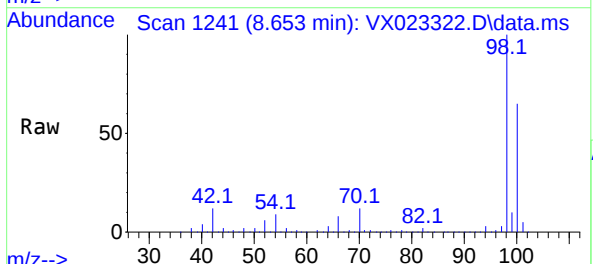
Instrument :
MSVOA_X
ClientSampled :
IBLK

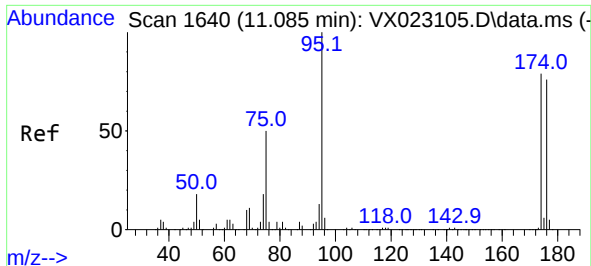
Tgt Ion:113 Resp: 117753
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.0 16.7 25.1



#50
Toluene-d8
Concen: 48.560 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 98 Resp: 425457
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

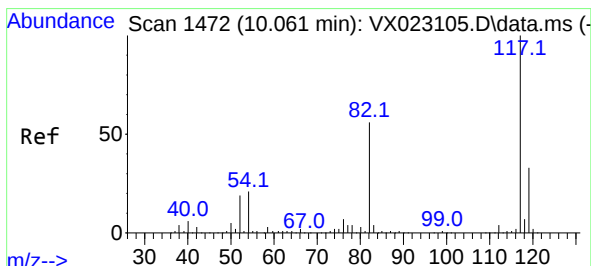
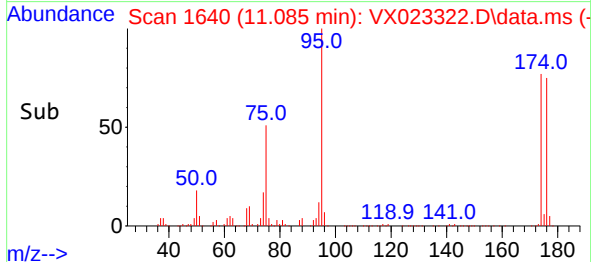
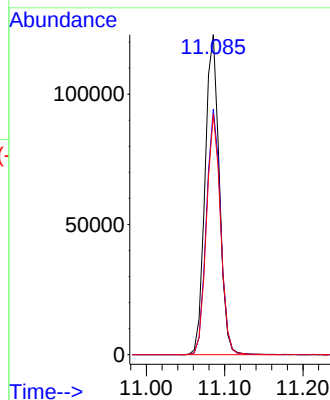
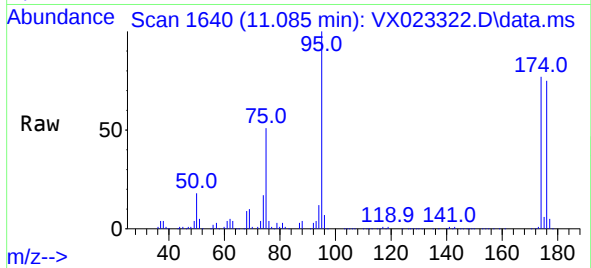




#62
4-Bromofluorobenzene
Concen: 45.763 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

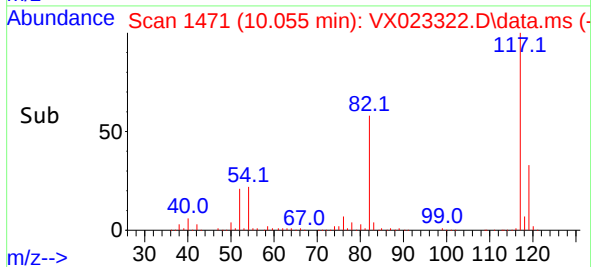
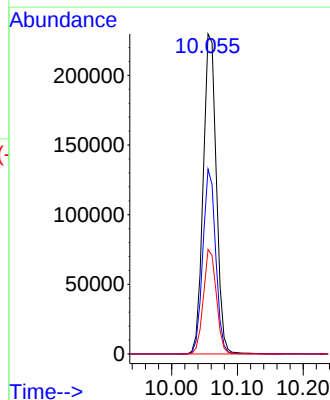
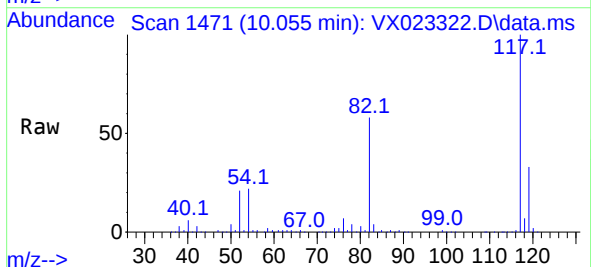
Instrument :
MSVOA_X
ClientSampleId :
IBLK

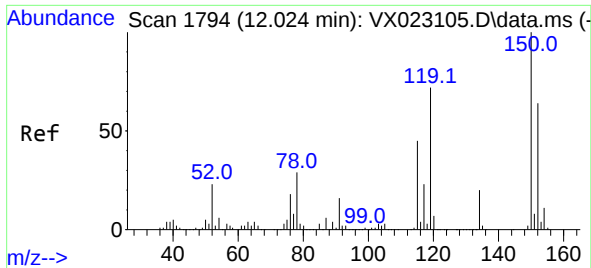
Tgt Ion: 95 Resp: 154790
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023322.D
Acq: 16 Jul 2021 13:08

Tgt Ion: 117 Resp: 319312
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.6 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023322.D
 Acq: 16 Jul 2021 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:152 Resp: 137655
 Ion Ratio Lower Upper
 152 100
 115 60.8 41.1 123.3
 150 154.2 0.0 349.0

