

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082221\
 Data File : VX023896.D
 Acq On : 20 Aug 2021 22:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 21 01:15:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

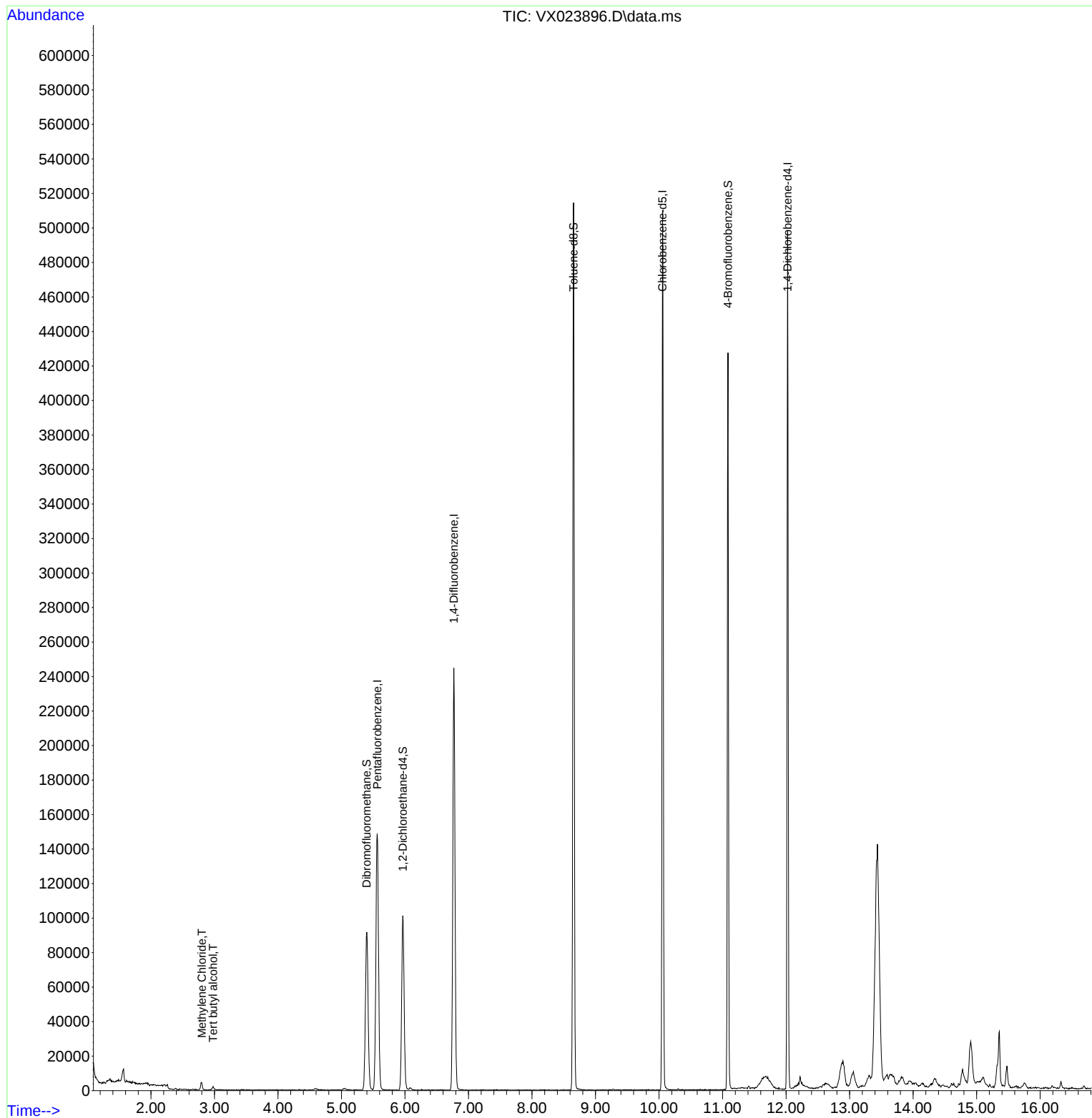
Internal Standards						
1) Pentafluorobenzene	5.562	168	141062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100426	51.009	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.020%
35) Dibromofluoromethane	5.397	113	79638	49.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.480%
50) Toluene-d8	8.653	98	295093	48.421	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.085	95	104754	46.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.380%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	1635	4.107	ug/l	99
20) Methylene Chloride	2.800	84	2032	1.208	ug/l #	89

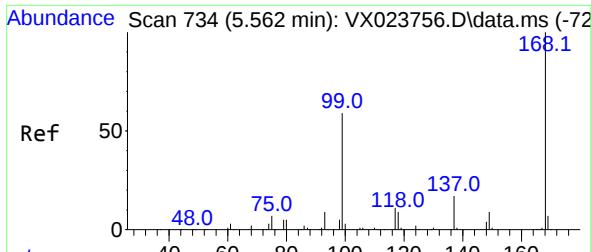
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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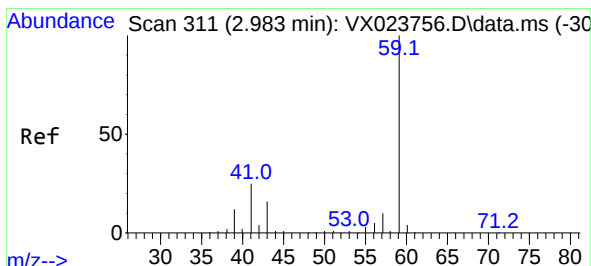
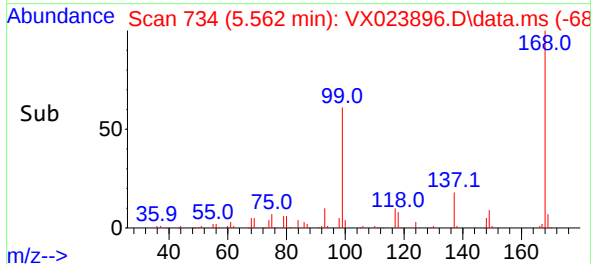
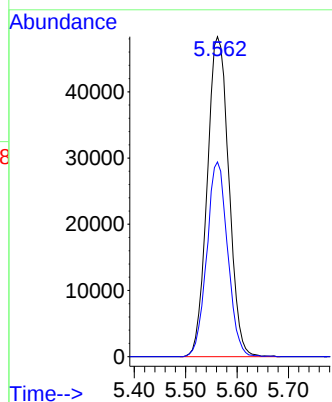
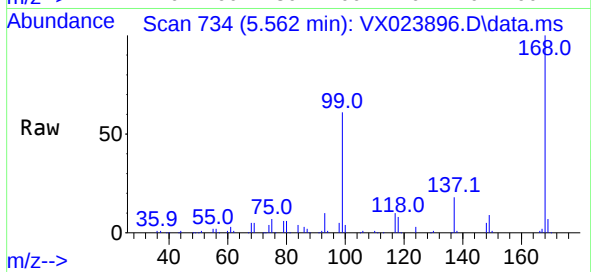




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

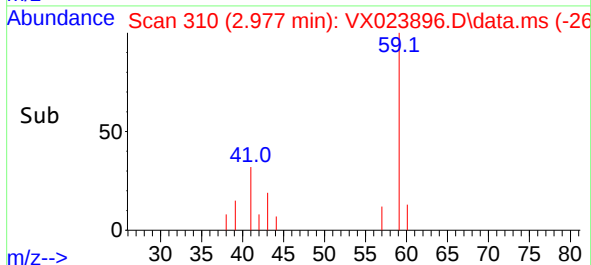
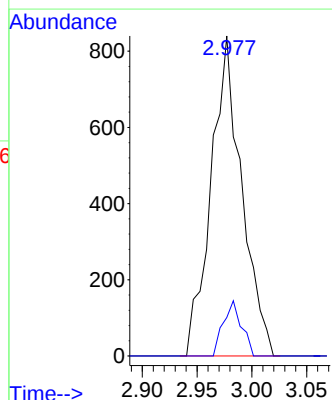
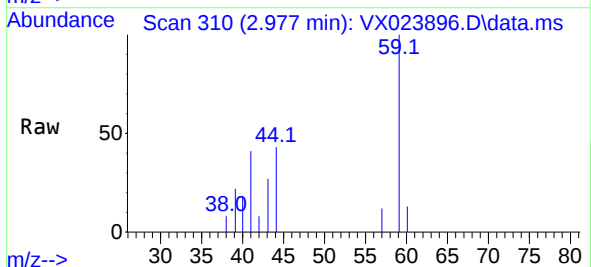
Instrument :
MSVOA_X
ClientSampled :
IBLK

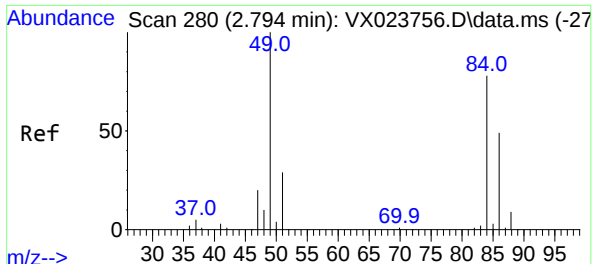
Tgt Ion:168 Resp: 141062
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#11
Tert butyl alcohol
Concen: 4.107 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 59 Resp: 1635
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.8





#20

Methylene Chloride

Concen: 1.208 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX023896.D

Acq: 20 Aug 2021 22:39

Tgt Ion: 84 Resp: 2032

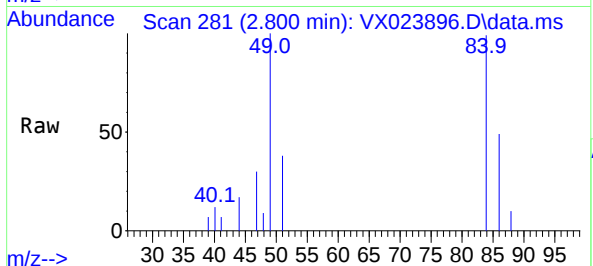
Ion Ratio Lower Upper

84 100

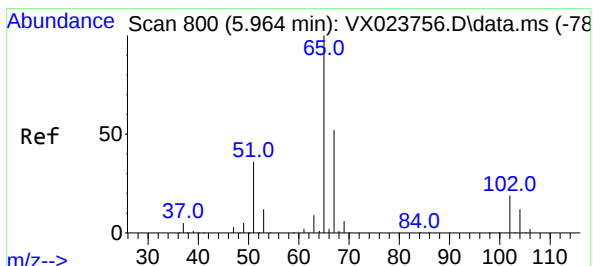
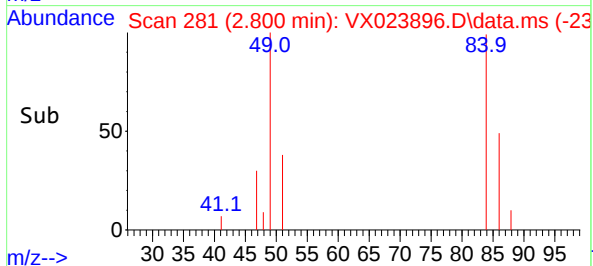
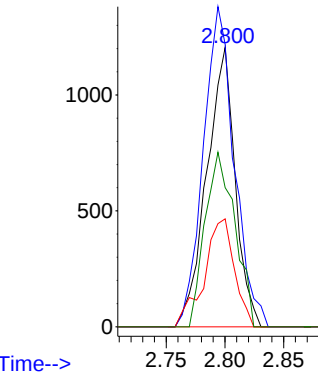
49 101.1 88.6 132.8

51 38.7 27.0 40.6

86 49.8 50.3 75.5#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 51.009 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023896.D

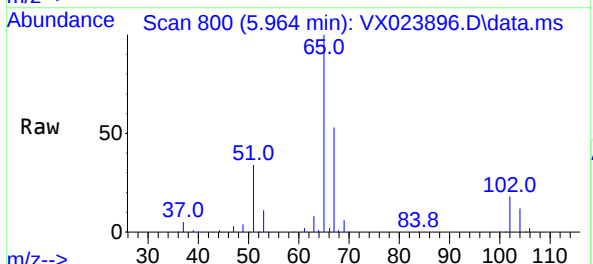
Acq: 20 Aug 2021 22:39

Tgt Ion: 65 Resp: 100426

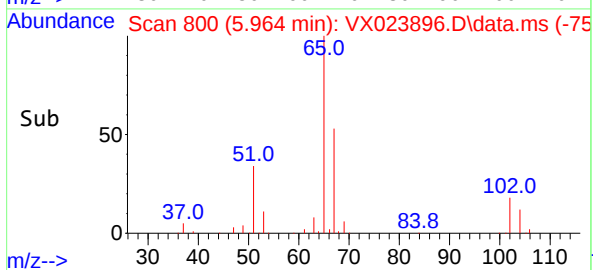
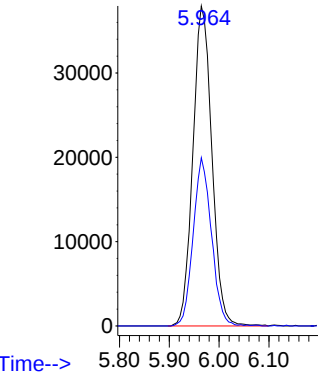
Ion Ratio Lower Upper

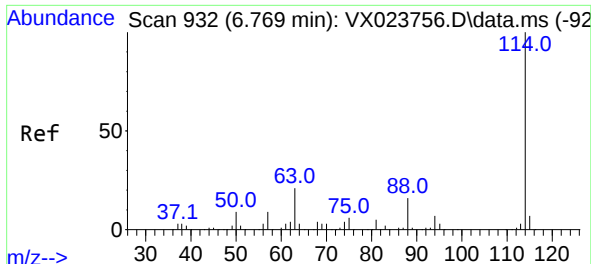
65 100

67 50.7 0.0 105.4



Abundance

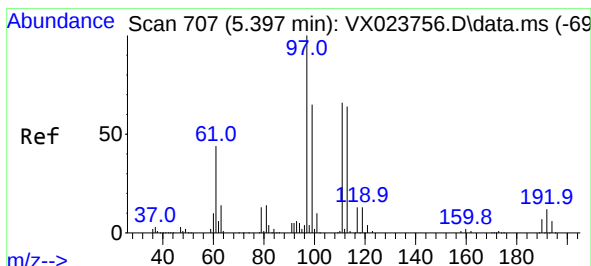
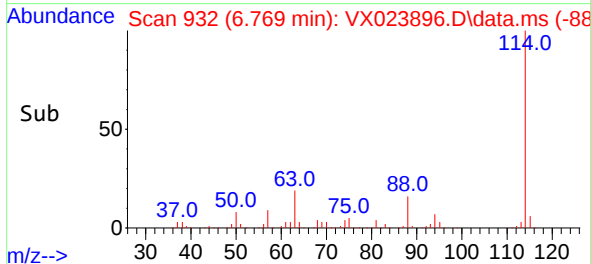
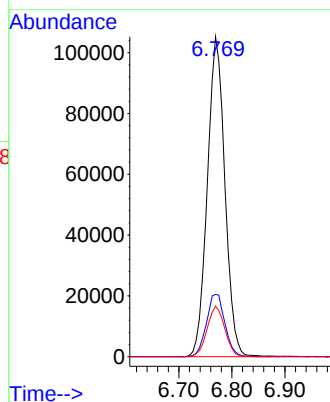
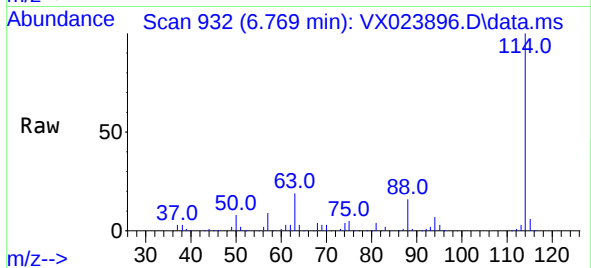




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

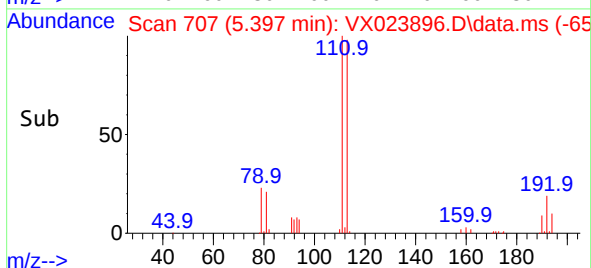
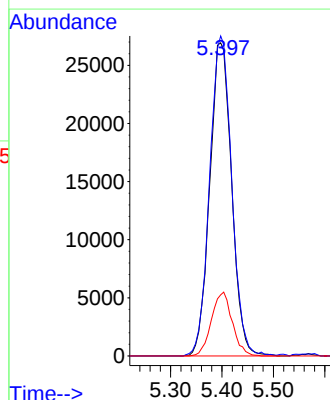
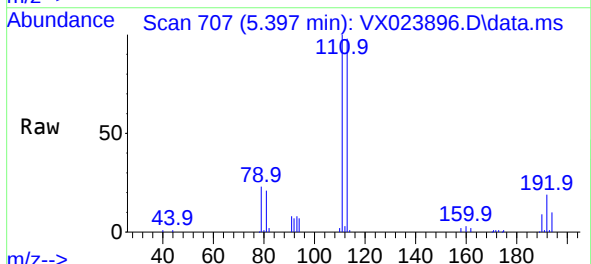
Instrument :
MSVOA_X
ClientSampleId :
IBLK

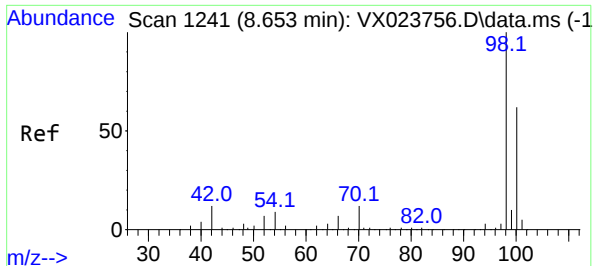
Tgt Ion:114 Resp: 241921
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion:113 Resp: 79638
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.4 16.7 25.1

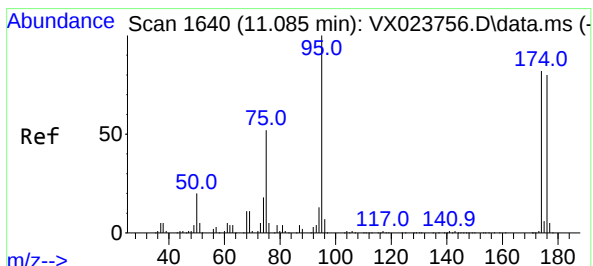
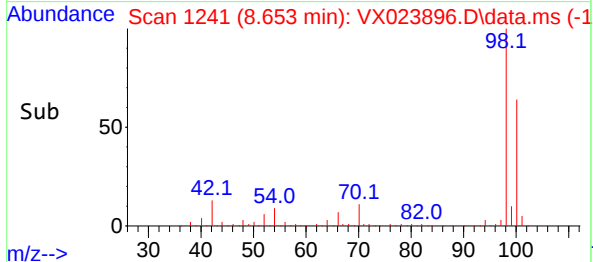
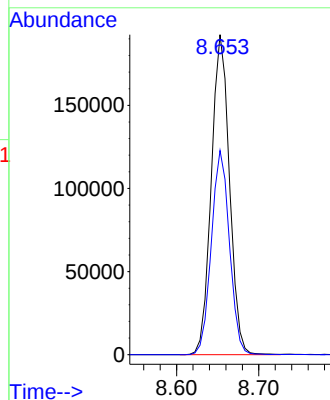
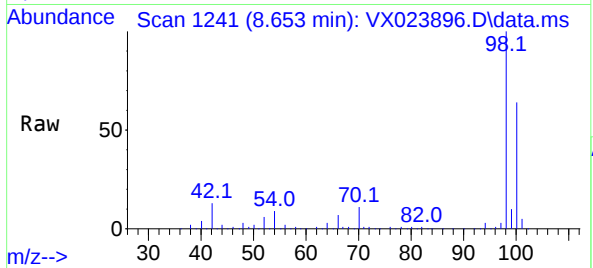




#50
Toluene-d8
Concen: 48.421 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

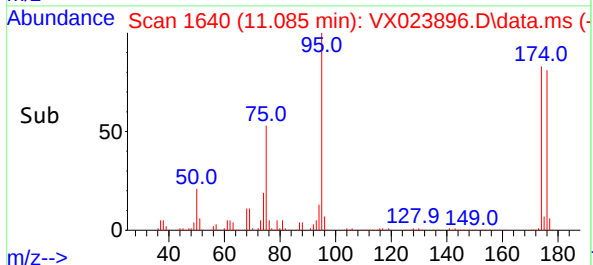
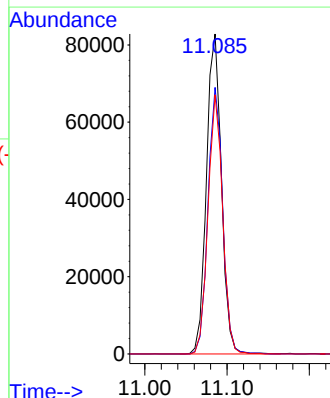
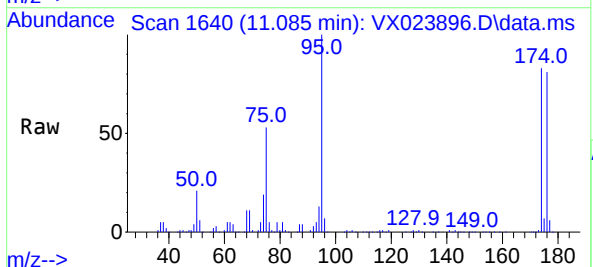
Instrument :
MSVOA_X
ClientSampled :
IBLK

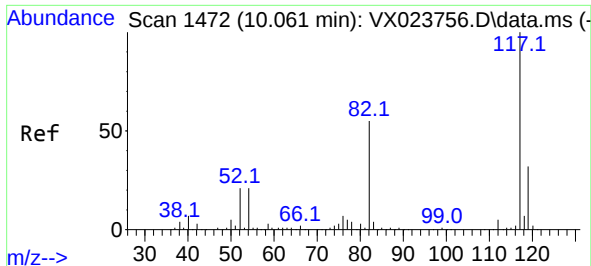
Tgt Ion: 98 Resp: 295093
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.693 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion: 95 Resp: 104754
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 78.9 0.0 155.8

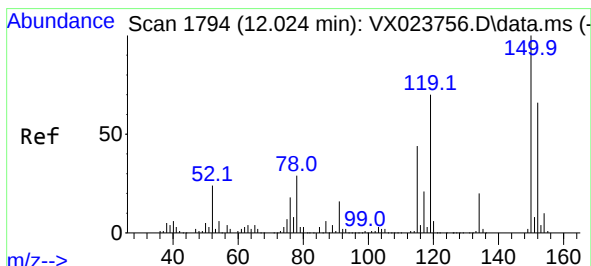
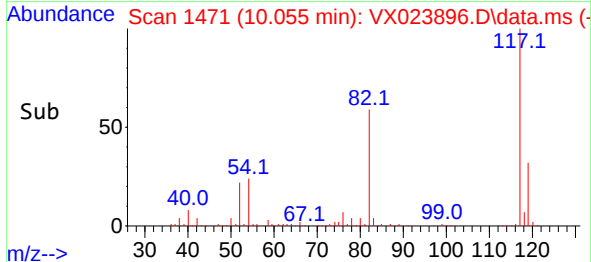
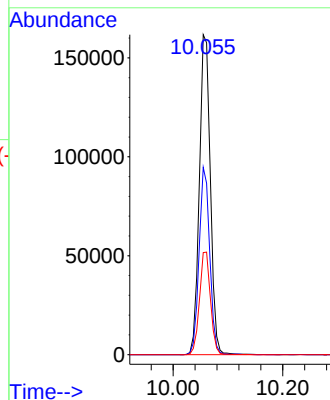
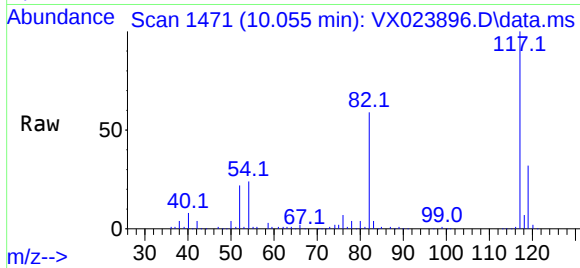




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023896.D
Acq: 20 Aug 2021 22:39

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion:117 Resp: 226061
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.9 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: VX023896.D
Acq: 20 Aug 2021 22:39

Tgt Ion:152 Resp: 97841
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 158.7 0.0 349.0

