

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023566.D
 Acq On : 05 Aug 2021 12:41
 Operator : JC/MD
 Sample : M3297-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 123-24

Quant Time: Aug 06 03:22:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

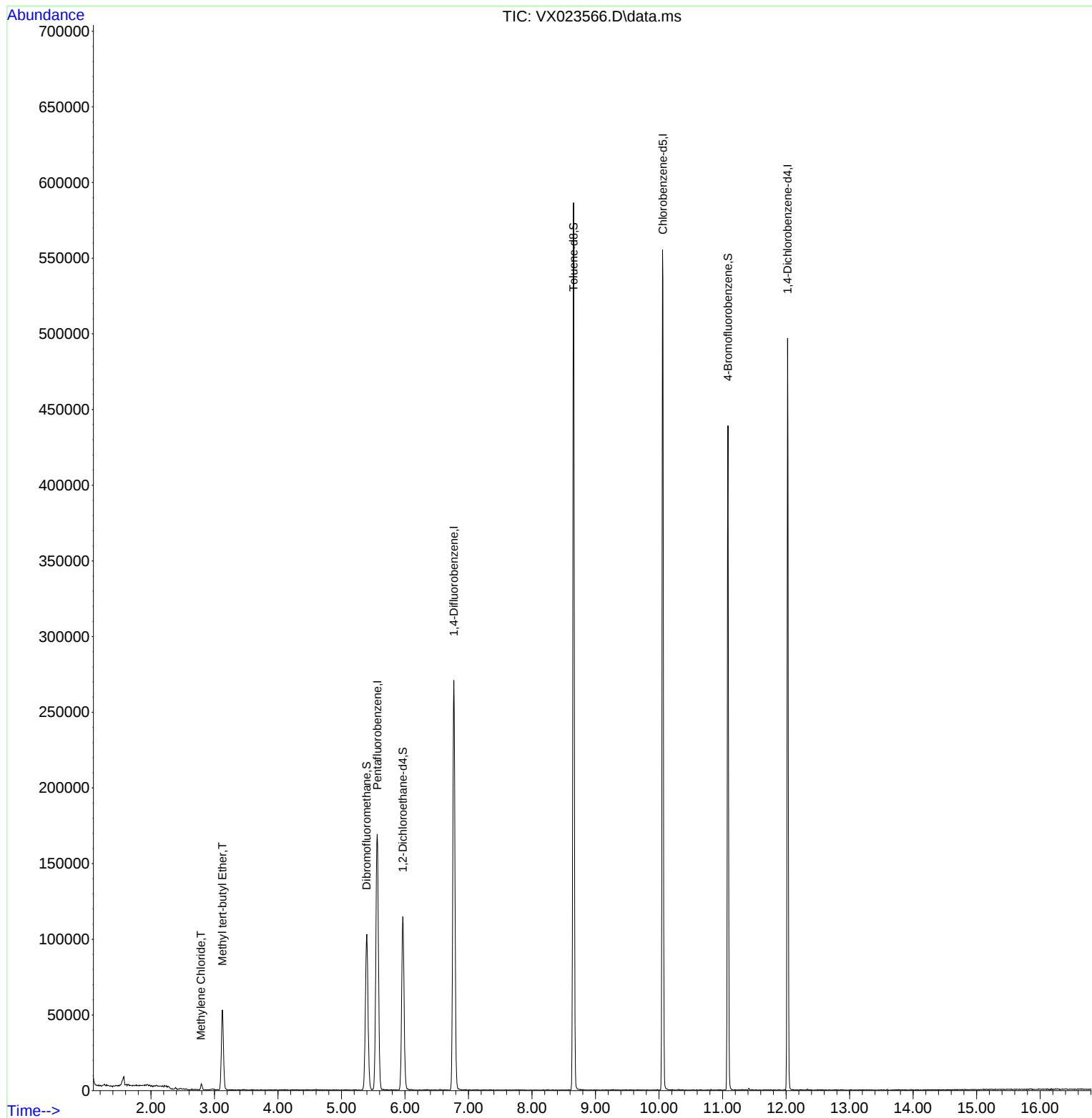
Internal Standards						
1) Pentafluorobenzene	5.562	168	163020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	274269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	250293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109474	53.834	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.660%	
35) Dibromofluoromethane	5.397	113	87849	51.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	8.653	98	333395	52.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	11.085	95	109155	50.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.900%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.123	73	55949	10.046	ug/l	96
20) Methylene Chloride	2.788	84	1642	0.846	ug/l #	90

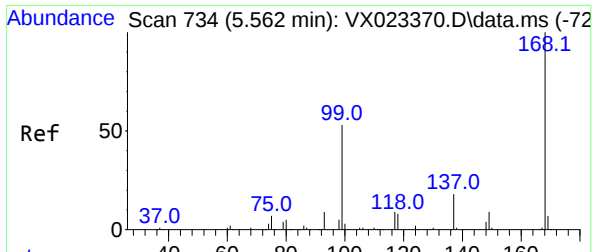
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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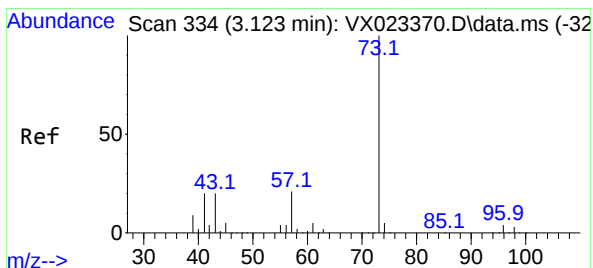
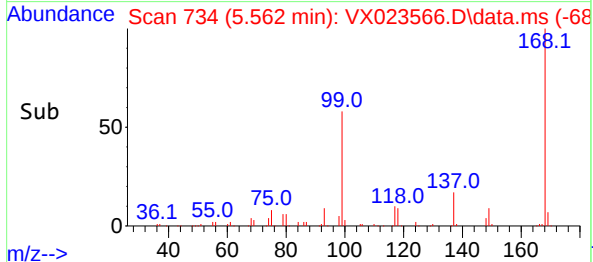
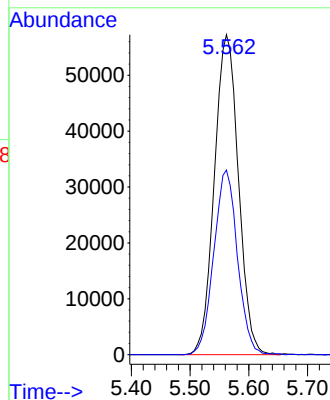
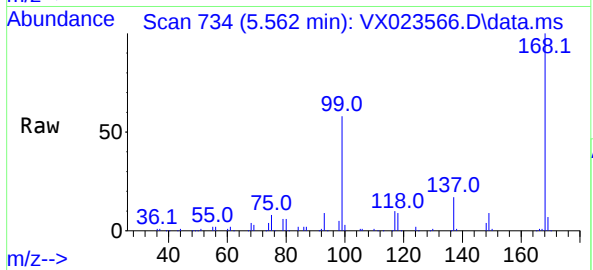




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

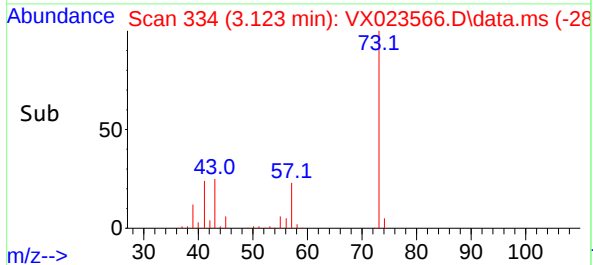
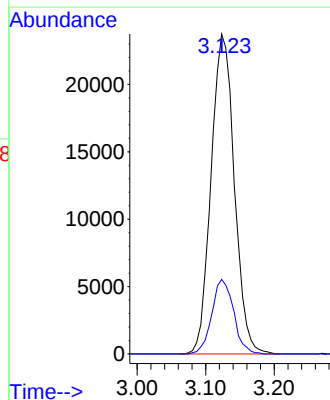
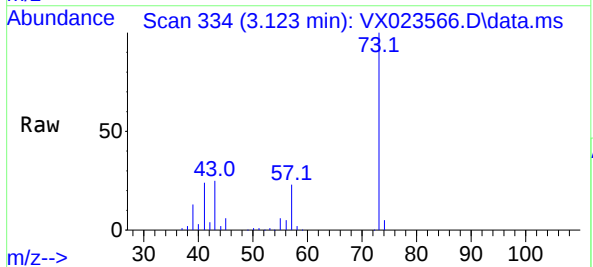
Instrument :
MSVOA_X
ClientSampleId :
123-24

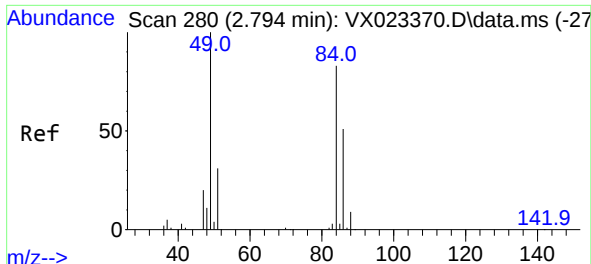
Tgt Ion:168 Resp: 163020
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.6



#19
Methyl tert-butyl Ether
Concen: 10.046 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

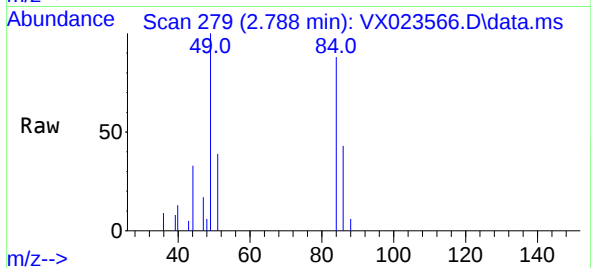
Tgt Ion: 73 Resp: 55949
Ion Ratio Lower Upper
73 100
57 23.3 17.1 25.7



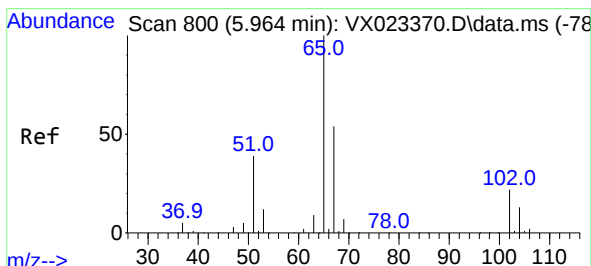
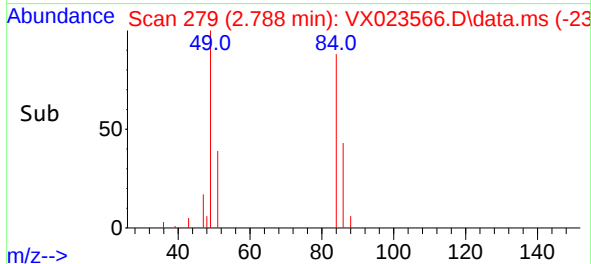
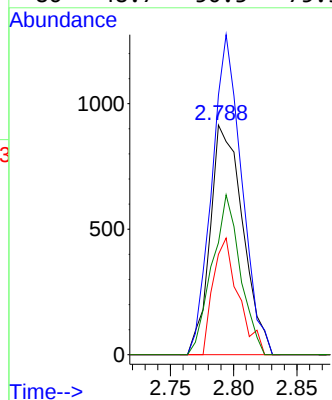


#20
Methylene Chloride
Concen: 0.846 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampled :
123-24

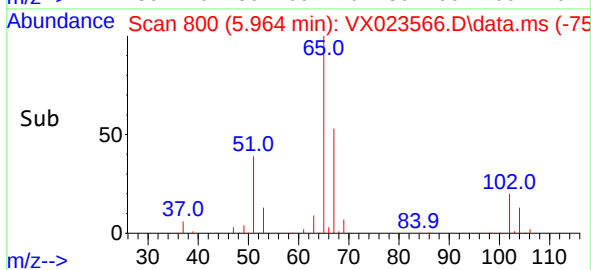
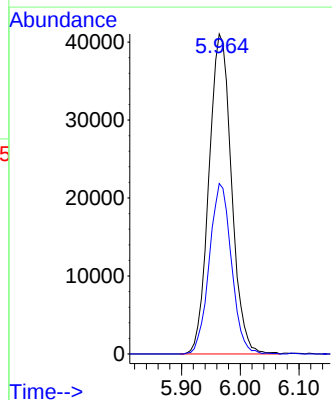
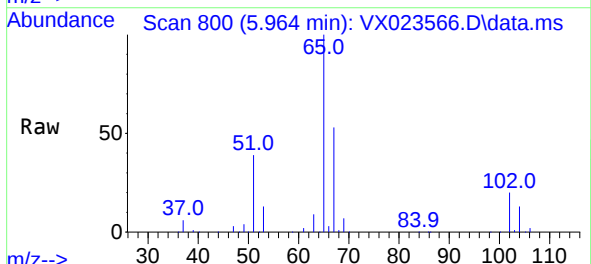


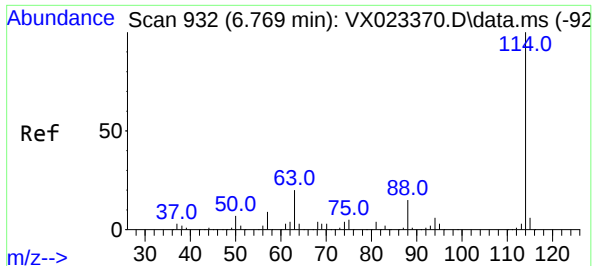
Tgt Ion: 84 Resp: 1642
Ion Ratio Lower Upper
84 100
49 113.0 88.6 132.8
51 43.7 27.0 40.6#
86 48.7 50.3 75.5#



#33
1,2-Dichloroethane-d4
Concen: 53.834 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion: 65 Resp: 109474
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

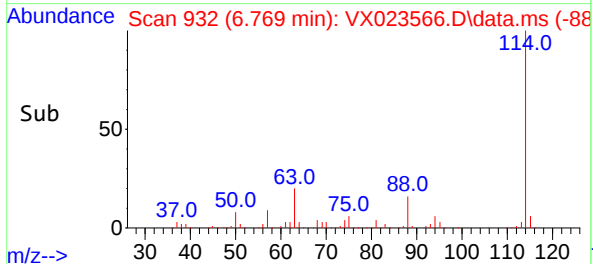
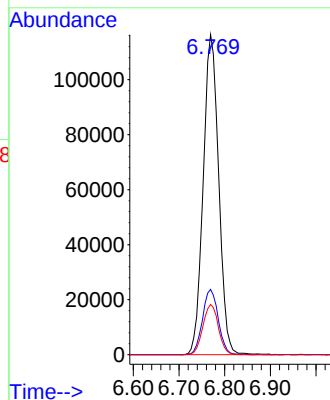
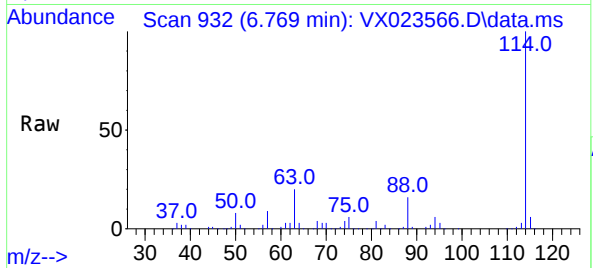




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

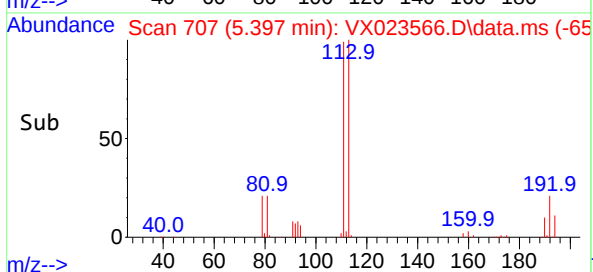
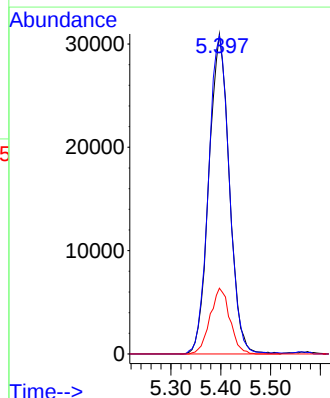
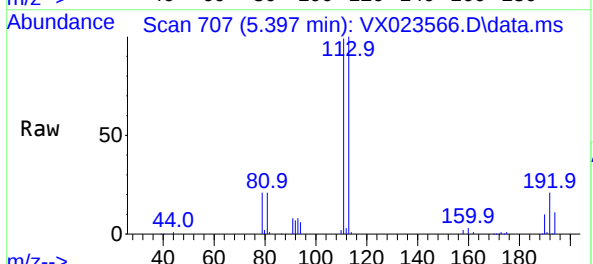
Instrument :
MSVOA_X
ClientSampleId :
123-24

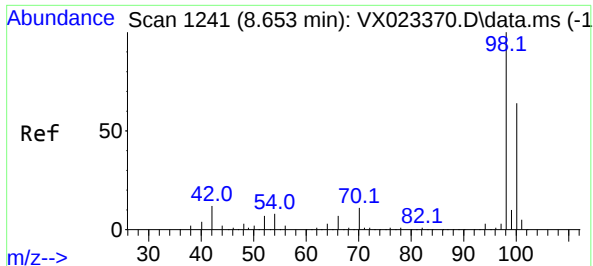
Tgt Ion:114 Resp: 274269
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.228 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion:113 Resp: 87849
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 20.0 16.7 25.1

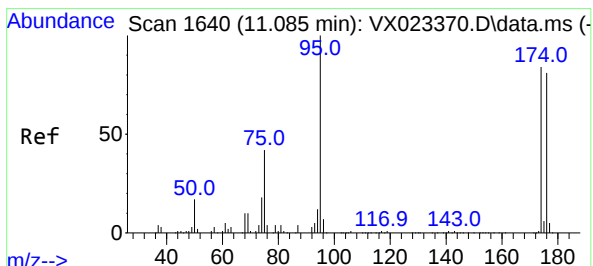
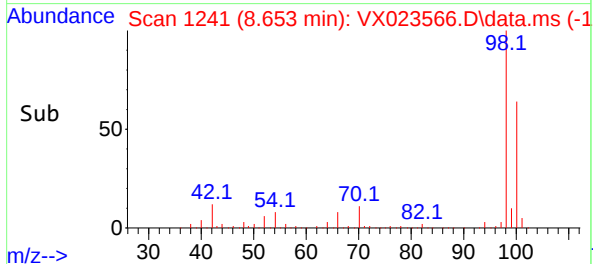
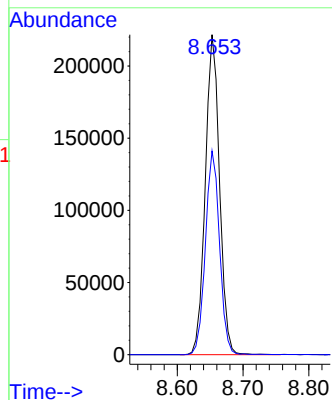
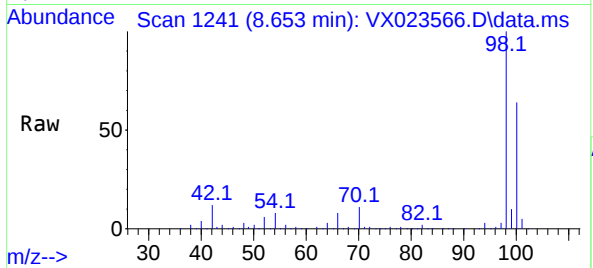




#50
Toluene-d8
Concen: 52.916 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

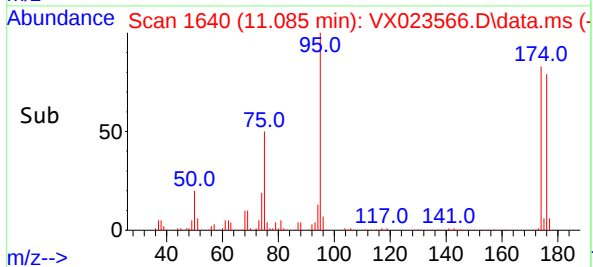
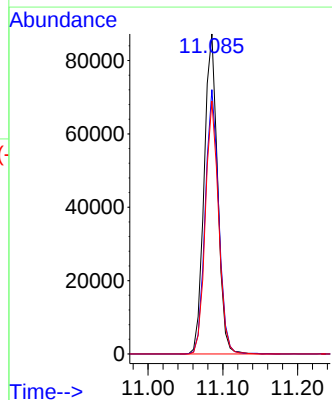
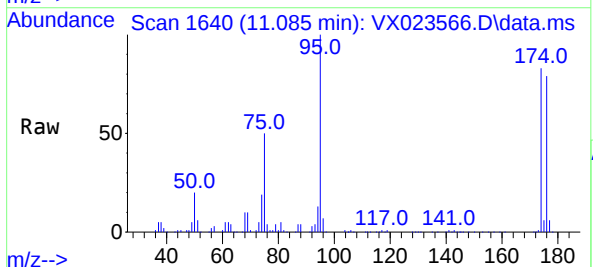
Instrument :
MSVOA_X
ClientSampled :
123-24

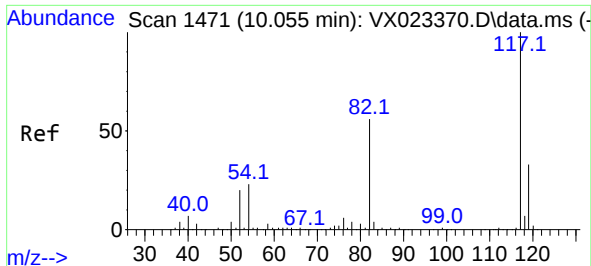
Tgt Ion: 98 Resp: 333395
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.950 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion: 95 Resp: 109155
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 77.6 0.0 155.8

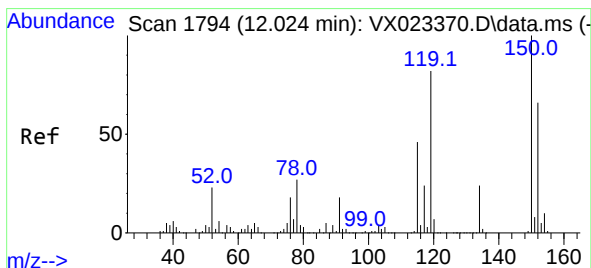
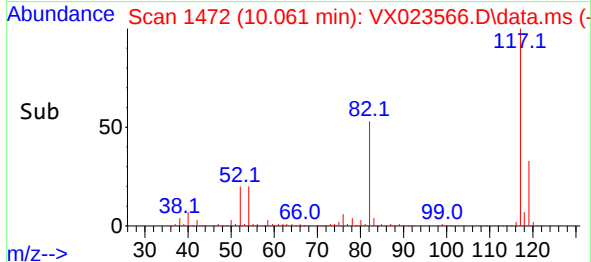
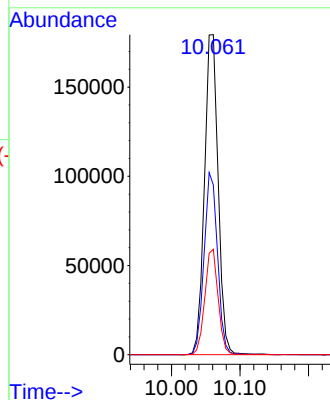
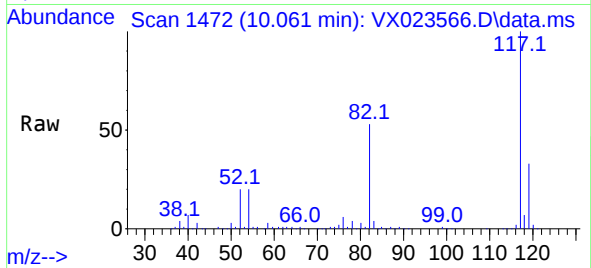




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023566.D
Acq: 05 Aug 2021 12:41

Instrument :
MSVOA_X
ClientSampled :
123-24

Tgt Ion:117 Resp: 250293
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 33.0 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: VX023566.D
Acq: 05 Aug 2021 12:41

Tgt Ion:152 Resp: 99988
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 156.5 0.0 349.0

