

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024171.D
 Acq On : 10 Sep 2021 17:19
 Operator : JC/MD
 Sample : M3689-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 258

Quant Time: Sep 11 04:25:33 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)

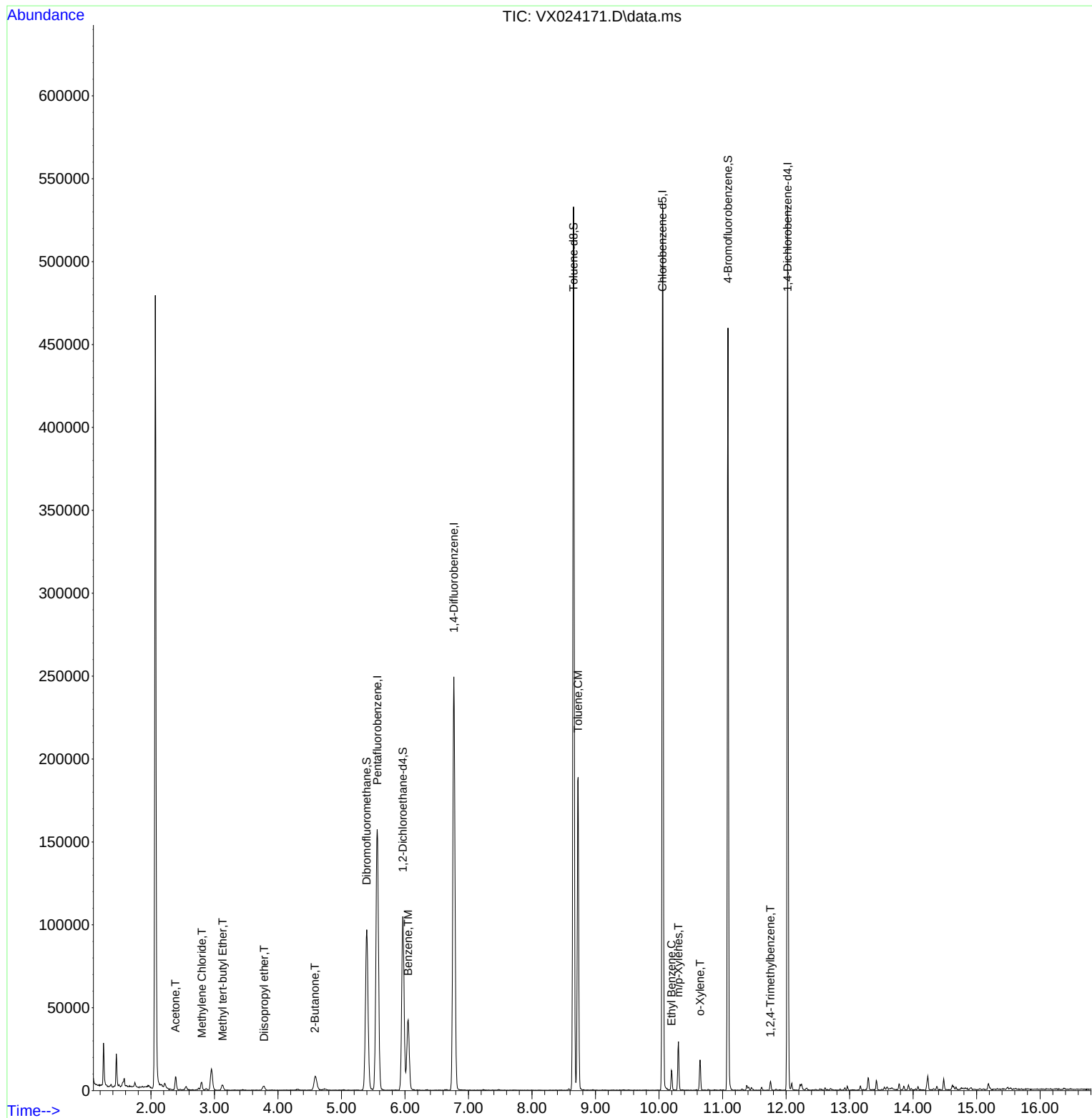
Internal Standards						
1) Pentafluorobenzene	5.562	168	148038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	248187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106919	51.748	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.500%		
35) Dibromofluoromethane	5.397	113	82113	49.987	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.980%		
50) Toluene-d8	8.653	98	301644	48.246	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.500%		
62) 4-Bromofluorobenzene	11.085	95	113673	49.389	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.780%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	8509	9.211	ug/l #	84
19) Methyl tert-butyl Ether	3.129	73	3025	0.612	ug/l	98
20) Methylene Chloride	2.800	84	2318	1.314	ug/l	91
22) Diisopropyl ether	3.782	45	2606	0.500	ug/l #	80
25) 2-Butanone	4.580	43	3864	2.761	ug/l	94
40) Benzene	6.050	78	50008	7.358	ug/l	96
52) Toluene	8.726	92	69644	15.814	ug/l	98
67) Ethyl Benzene	10.195	91	6482	0.757	ug/l	93
68) m/p-Xylenes	10.305	106	6362	1.950	ug/l	97
69) o-Xylene	10.646	106	3883	1.211	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2372	0.365	ug/l	89

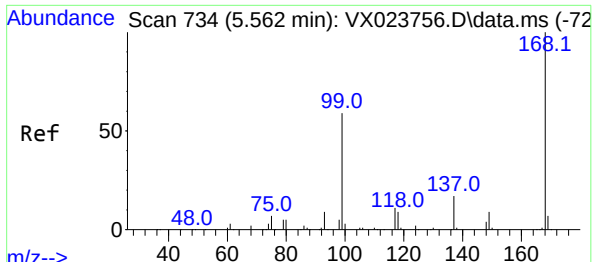
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
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258

Quant Time: Sep 11 04:25:33 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

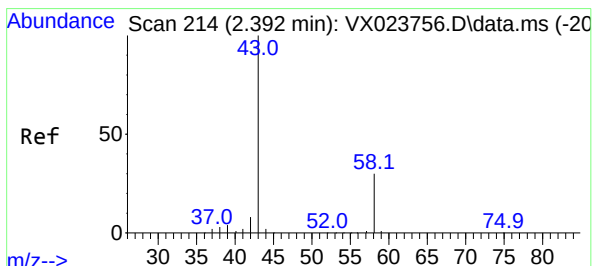
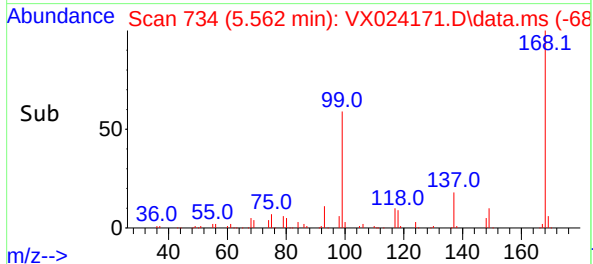
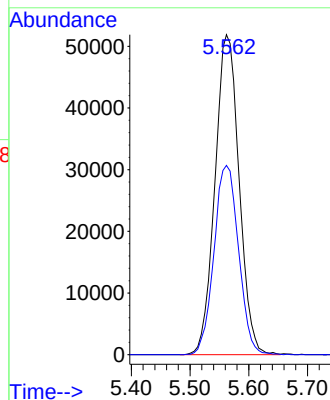
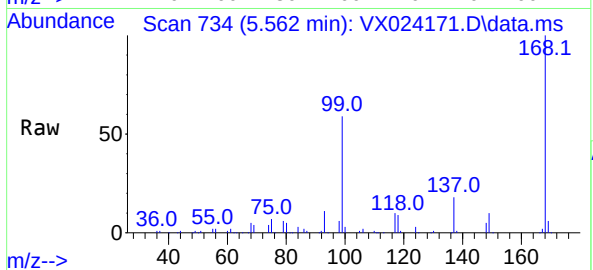




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

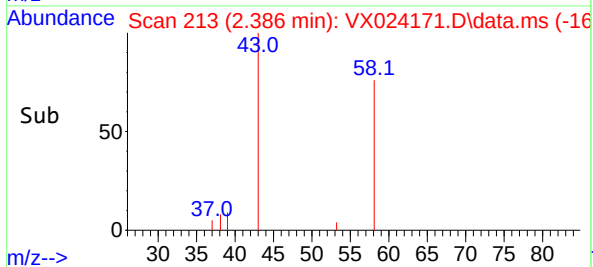
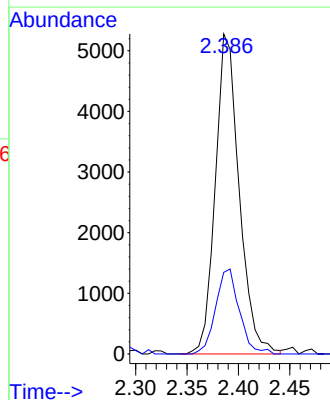
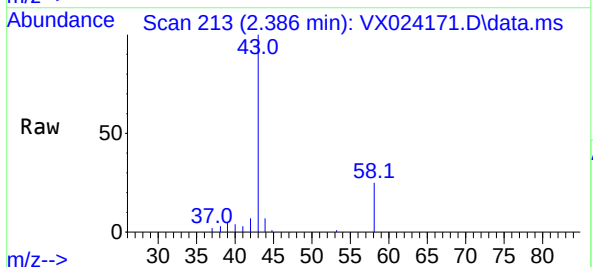
Instrument :
MSVOA_X
ClientSampleId :
258

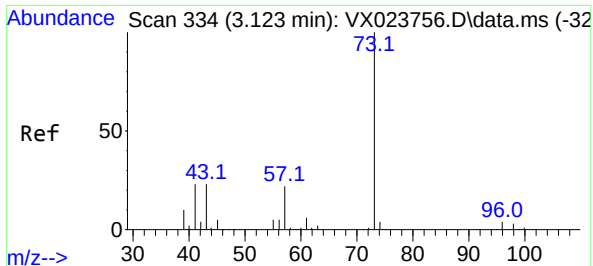
Tgt Ion:168 Resp: 148038
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#16
Acetone
Concen: 9.211 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 43 Resp: 8509
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#



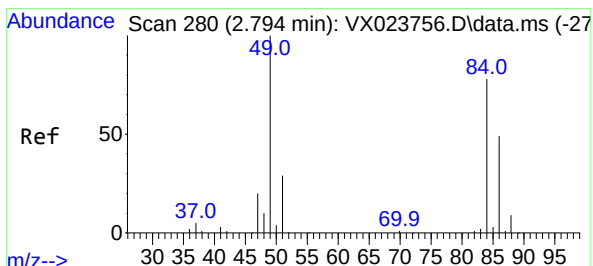
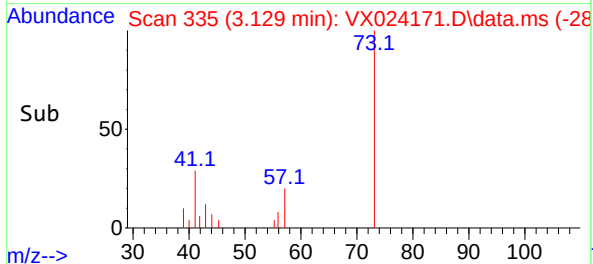
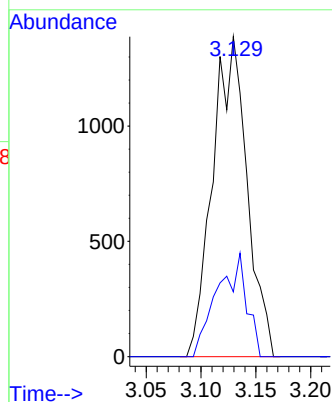
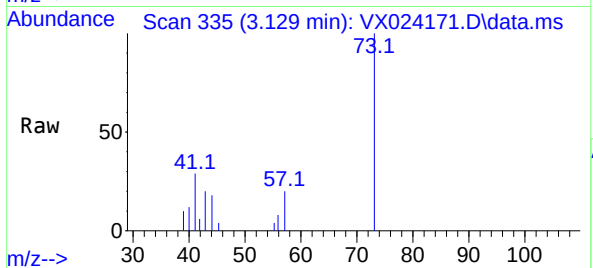


#19

Methyl tert-butyl Ether
Concen: 0.612 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Instrument :
MSVOA_X
ClientSampled :
258

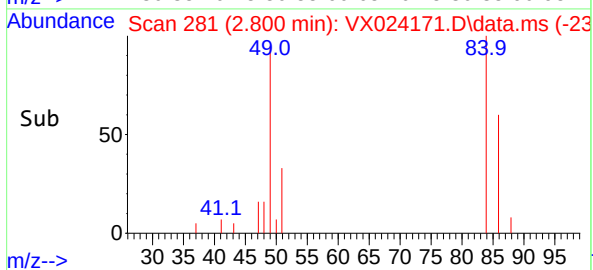
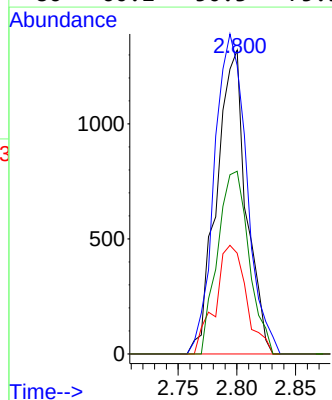
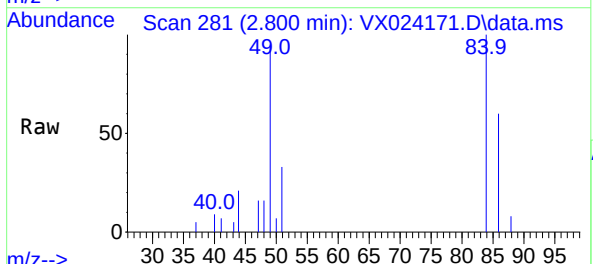
Tgt Ion: 73 Resp: 3025
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7

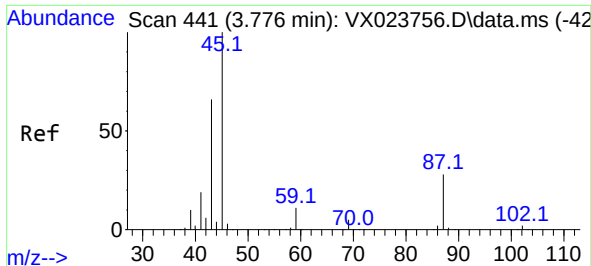


#20

Methylene Chloride
Concen: 1.314 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 84 Resp: 2318
Ion Ratio Lower Upper
84 100
49 95.0 88.6 132.8
51 33.2 27.0 40.6
86 60.2 50.3 75.5



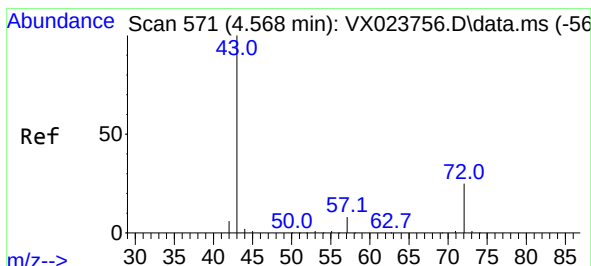
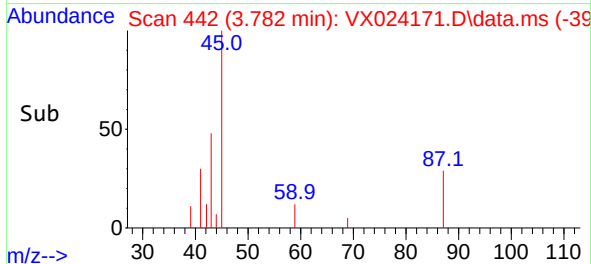
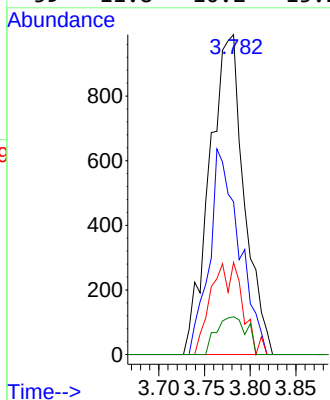
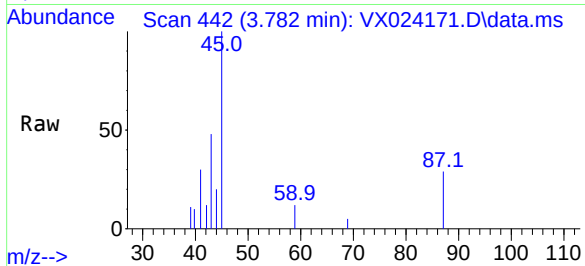


#22
Diisopropyl ether
Concen: 0.500 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Instrument :
MSVOA_X
ClientSampleId :
258

Tgt Ion: 45 Resp: 2606

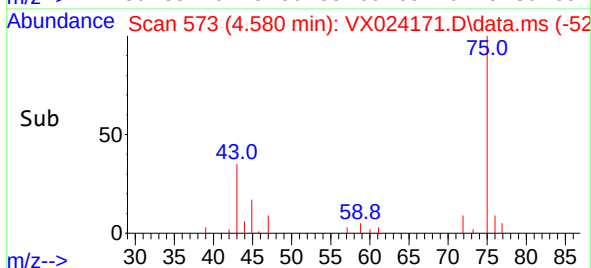
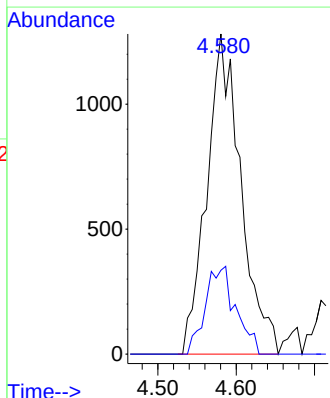
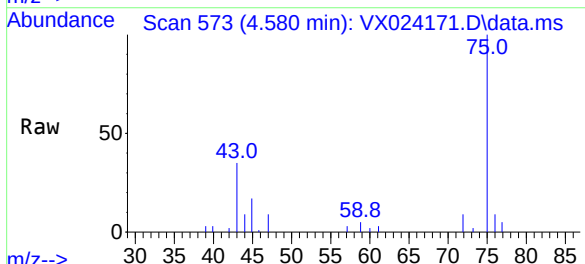
Ion	Ratio	Lower	Upper
45	100		
43	47.8	58.0	87.0#
87	28.8	25.4	38.0
59	11.8	10.2	15.2

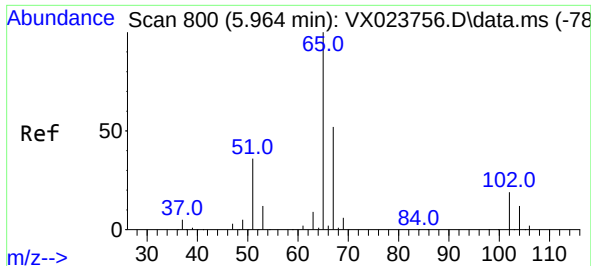


#25
2-Butanone
Concen: 2.761 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 43 Resp: 3864

Ion	Ratio	Lower	Upper
43	100		
72	26.2	23.7	35.5



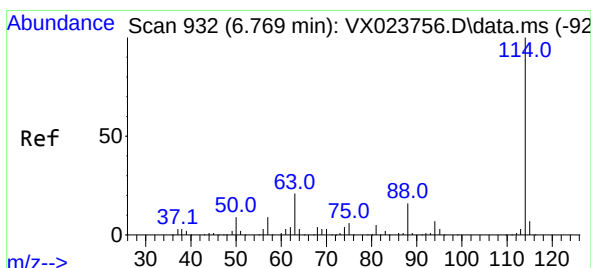
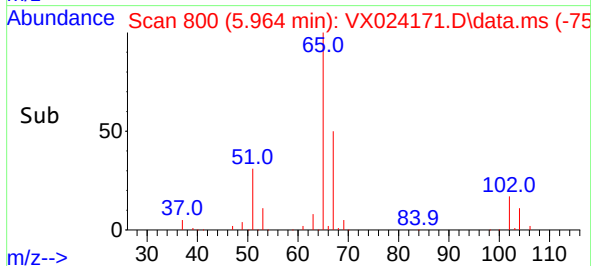
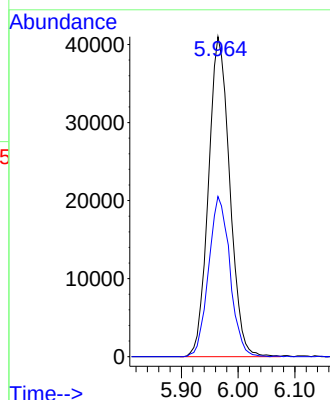
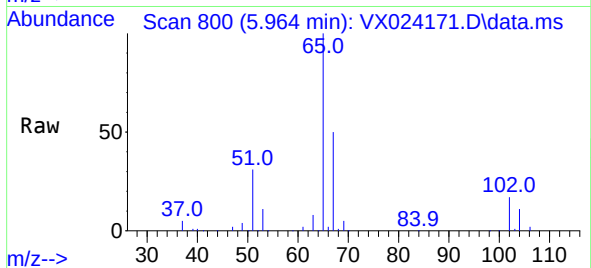


#33

1,2-Dichloroethane-d4
Concen: 51.748 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Instrument :
MSVOA_X
ClientSampled :
258

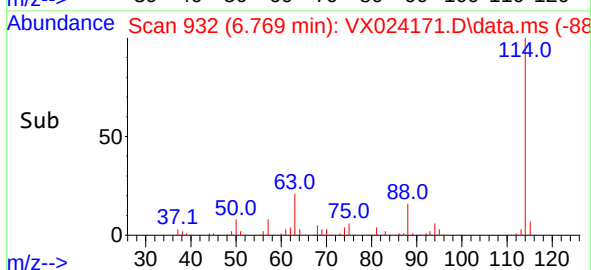
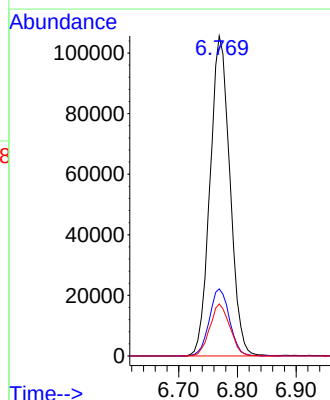
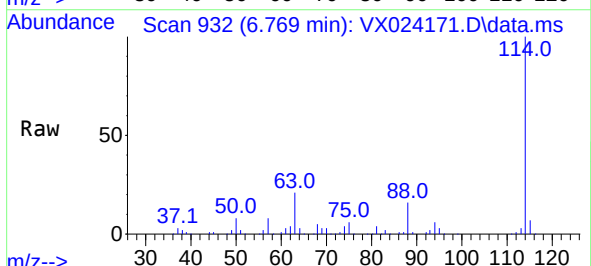
Tgt Ion: 65 Resp: 106919
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

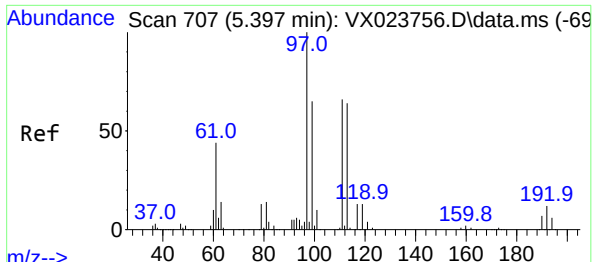


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 114 Resp: 248187
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.3 0.0 32.8

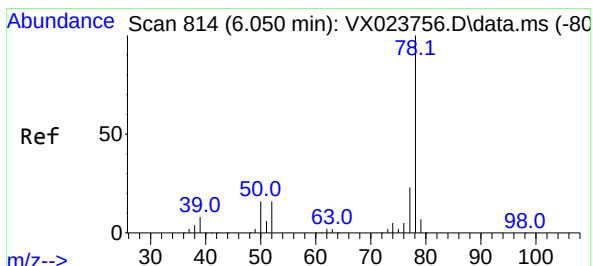
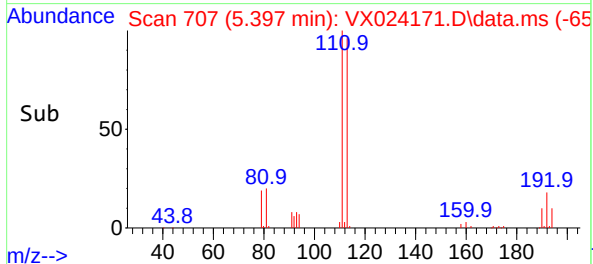
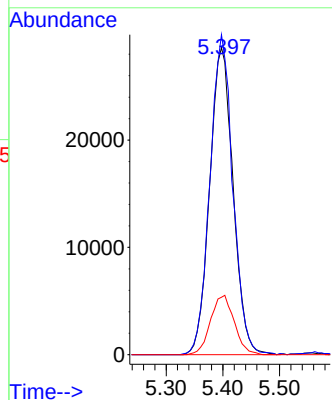
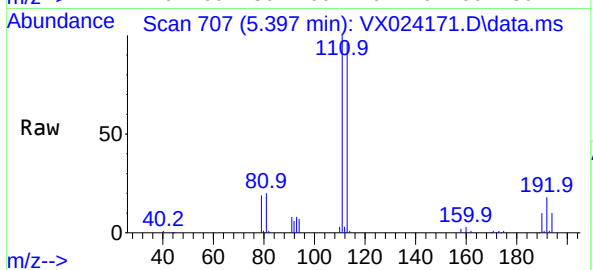




#35
Dibromofluoromethane
Concen: 49.987 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

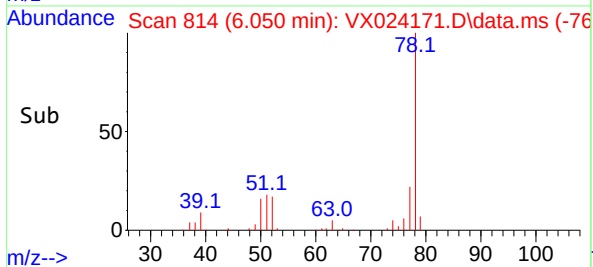
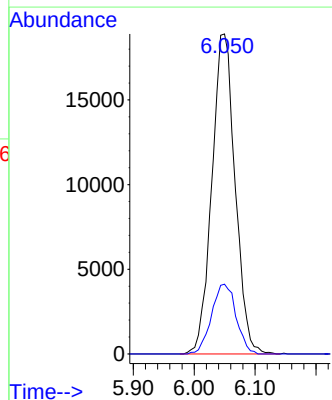
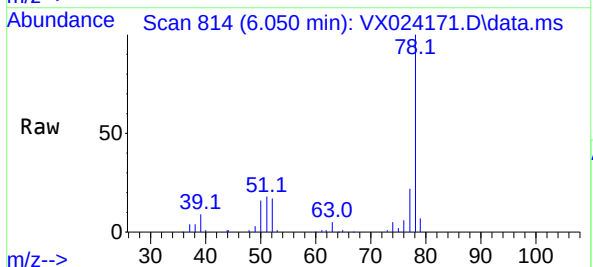
Instrument :
MSVOA_X
ClientSampled :
258

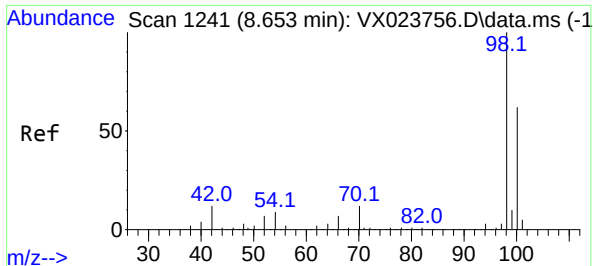
Tgt Ion:113 Resp: 82113
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.6 16.7 25.1



#40
Benzene
Concen: 7.358 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 78 Resp: 50008
Ion Ratio Lower Upper
78 100
77 21.8 18.9 28.3





#50

Toluene-d8

Concen: 48.246 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024171.D

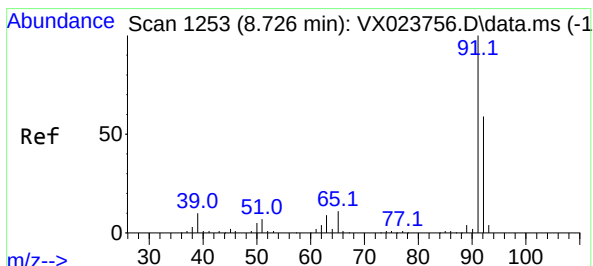
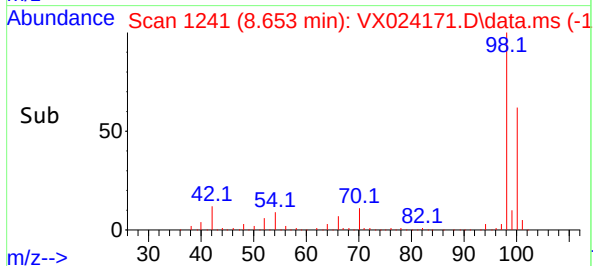
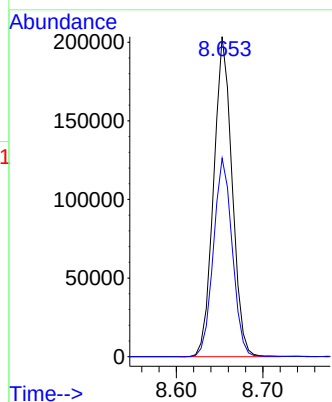
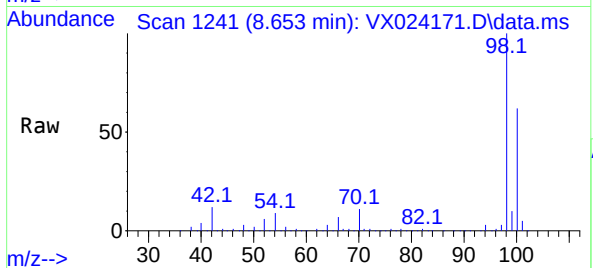
Acq: 10 Sep 2021 17:19

Tgt Ion: 98 Resp: 301644

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



#52

Toluene

Concen: 15.814 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.000 min

Lab File: VX024171.D

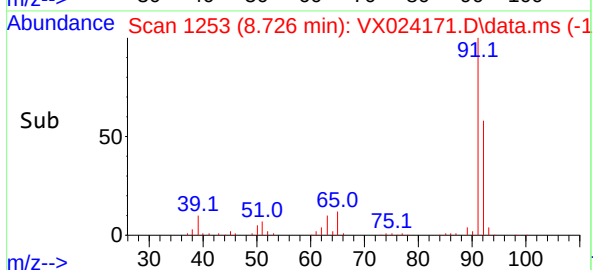
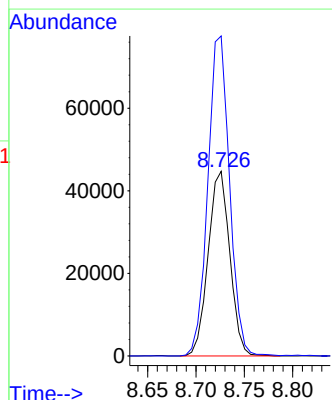
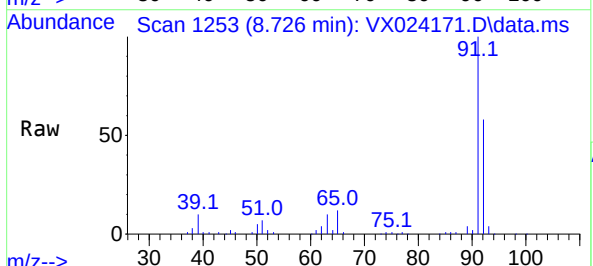
Acq: 10 Sep 2021 17:19

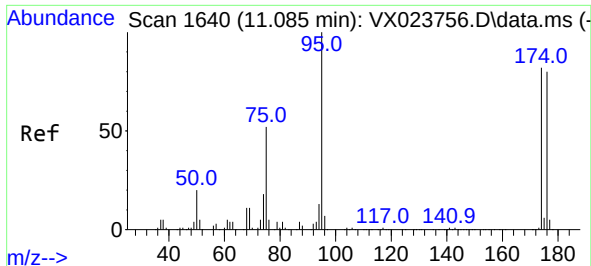
Tgt Ion: 92 Resp: 69644

Ion Ratio Lower Upper

92 100

91 173.7 137.1 205.7

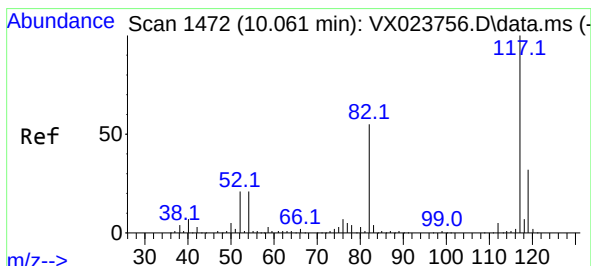
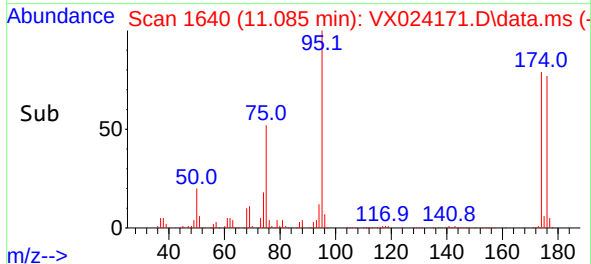
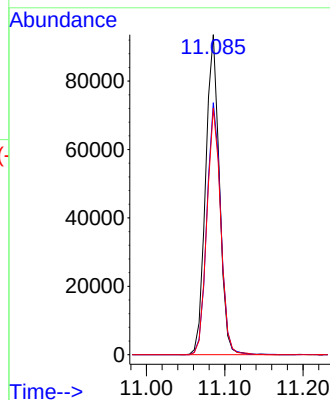
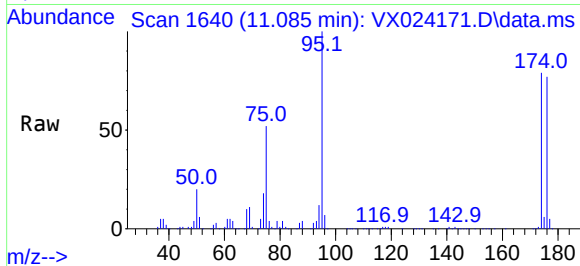




#62
4-Bromofluorobenzene
Concen: 49.389 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

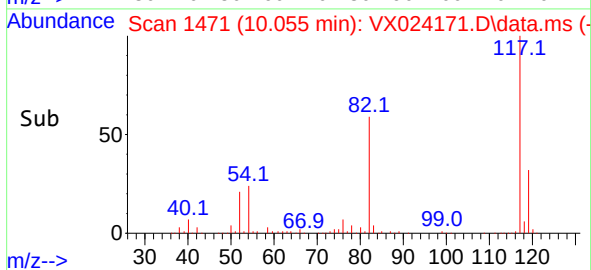
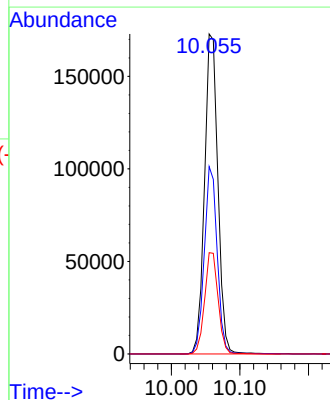
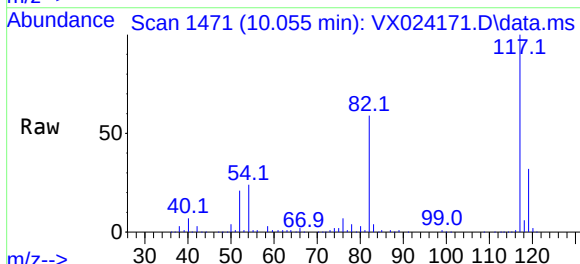
Instrument :
MSVOA_X
ClientSampled :
258

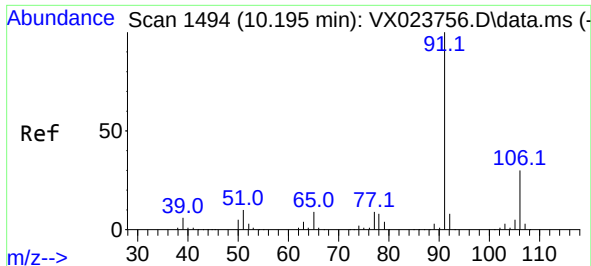
Tgt Ion: 95 Resp: 113673
Ion Ratio Lower Upper
95 100
174 79.0 0.0 154.6
176 77.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 117 Resp: 235043
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.7 26.6 39.8

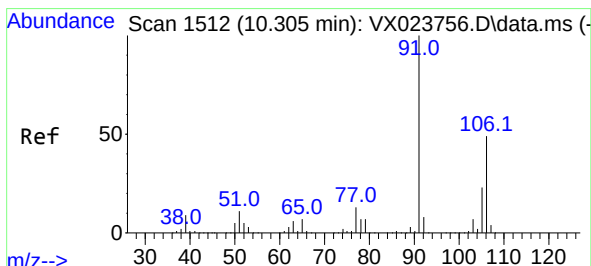
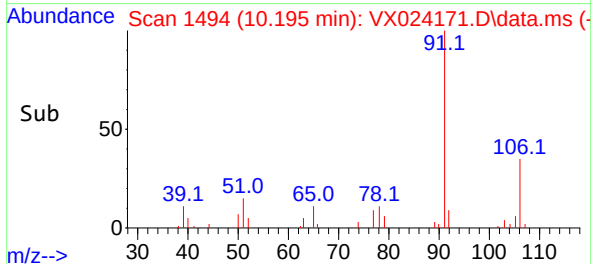
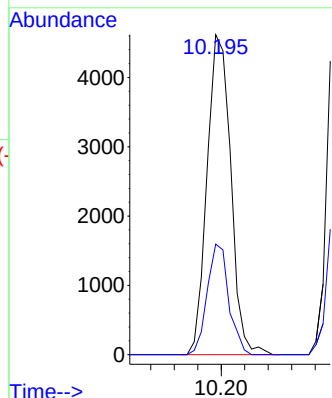
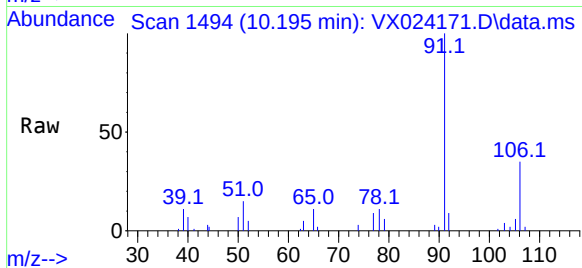




#67
Ethyl Benzene
Concen: 0.757 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

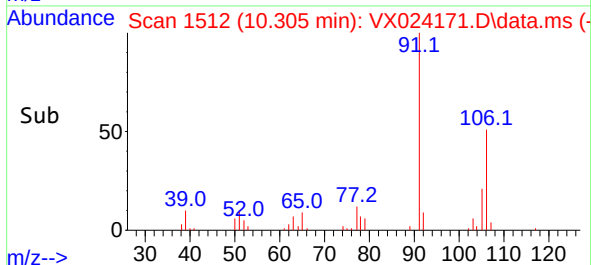
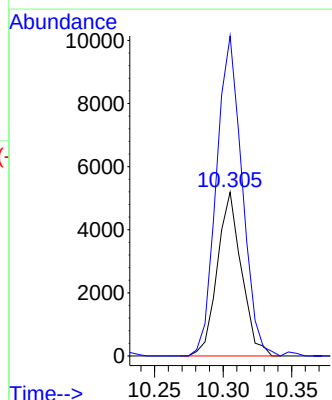
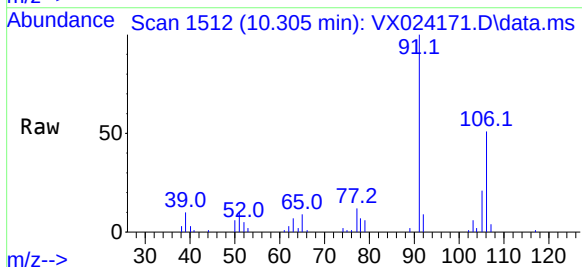
Instrument :
MSVOA_X
ClientSampled :
258

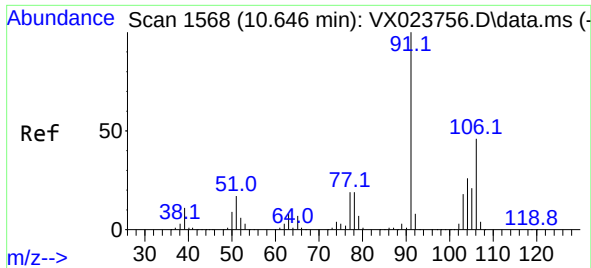
Tgt Ion: 91 Resp: 6482
Ion Ratio Lower Upper
91 100
106 34.6 24.6 37.0



#68
m/p-Xylenes
Concen: 1.950 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion: 106 Resp: 6362
Ion Ratio Lower Upper
106 100
91 208.1 162.8 244.2

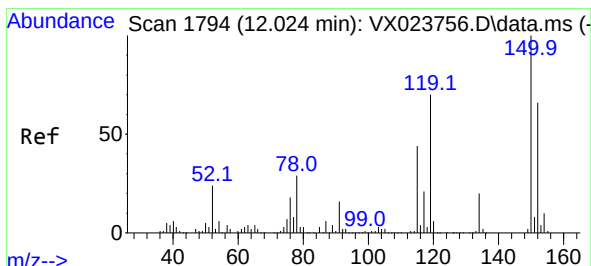
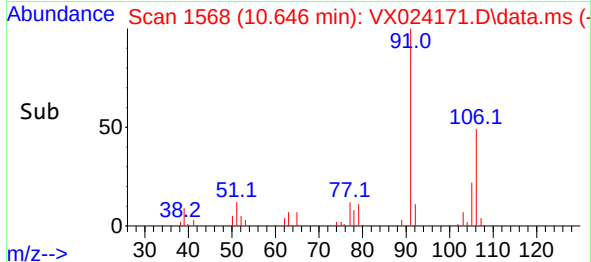
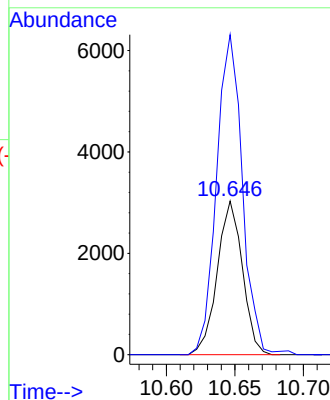
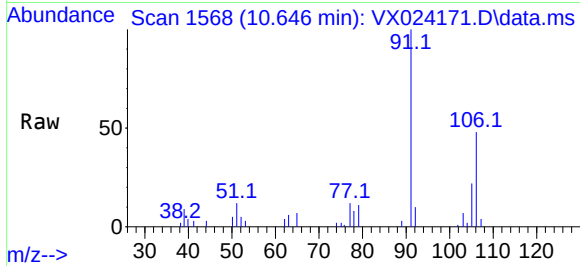




#69
o-Xylene
Concen: 1.211 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

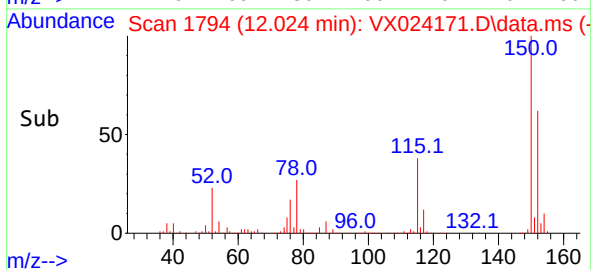
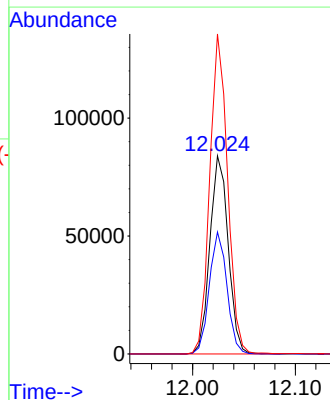
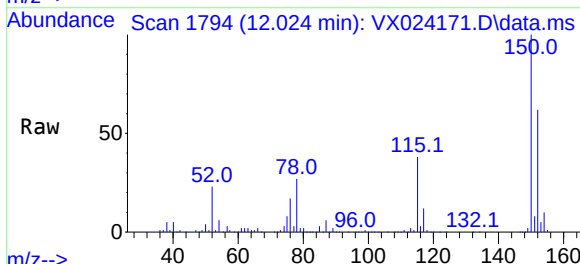
Instrument :
MSVOA_X
ClientSampled :
258

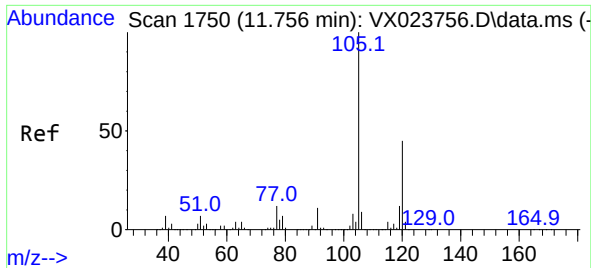
Tgt Ion:106 Resp: 3883
Ion Ratio Lower Upper
106 100
91 213.3 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024171.D
Acq: 10 Sep 2021 17:19

Tgt Ion:152 Resp: 103967
Ion Ratio Lower Upper
152 100
115 59.3 41.1 123.3
150 157.2 0.0 349.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.365 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX024171.D
 Acq: 10 Sep 2021 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 258

Tgt Ion:105 Resp: 2372
 Ion Ratio Lower Upper
 105 100
 120 37.5 22.4 67.3

