

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012021\
 Data File : VX020684.D
 Acq On : 20 Jan 2021 16:34
 Operator : JC/SP
 Sample : M1161-01
 Misc : 6.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-011521

Quant Time: Jan 20 17:01:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

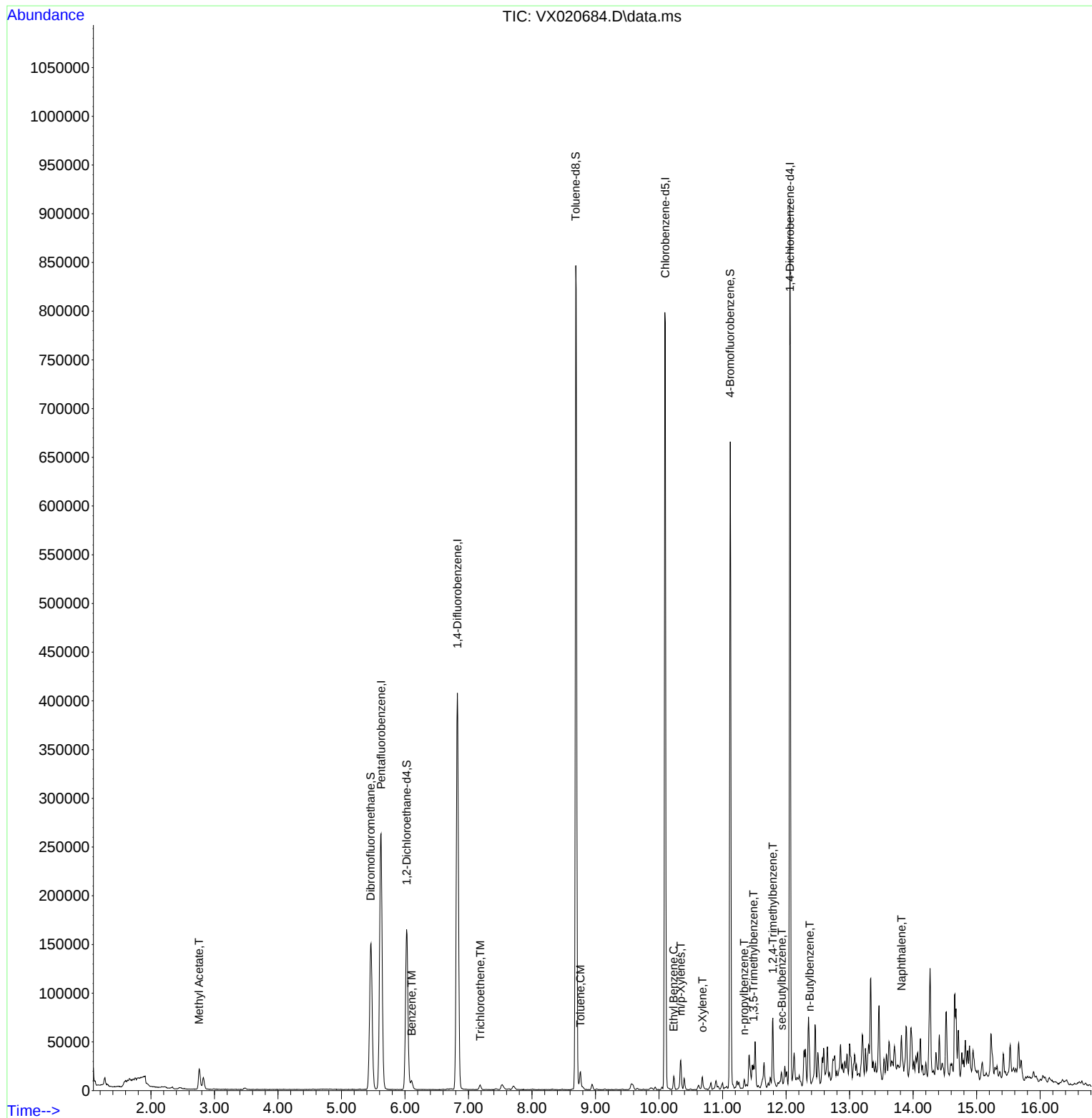
Internal Standards						
1) Pentafluorobenzene	5.623	168	248604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	422654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	398034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	177727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	162725	46.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.58%
35) Dibromofluoromethane	5.458	113	136177	45.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.32%
50) Toluene-d8	8.689	98	523774	50.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.32%
62) 4-Bromofluorobenzene	11.122	95	189597	49.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.88%
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.757	43	29328	9.78	ug/l	100
40) Benzene	6.104	78	9902	0.79	ug/l	100
44) Trichloroethene	7.183	130	1900	0.56	ug/l	95
52) Toluene	8.762	92	6105	0.80	ug/l	99
67) Ethyl Benzene	10.232	91	7292	0.50	ug/l	99
68) m/p-Xylenes	10.341	106	7199	1.33	ug/l	99
69) o-Xylene	10.683	106	2844	0.55	ug/l	97
78) n-propylbenzene	11.341	91	5824	0.40	ug/l	95
80) 1,3,5-Trimethylbenzene	11.487	105	7963	0.75	ug/l	95
84) 1,2,4-Trimethylbenzene	11.792	105	29892	2.98	ug/l	99
85) sec-Butylbenzene	11.932	105	3786	0.32	ug/l	90
89) n-Butylbenzene	12.371	91	9430	2.29	ug/l #	49
95) Naphthalene	13.816	128	26731	3.89	ug/l	96

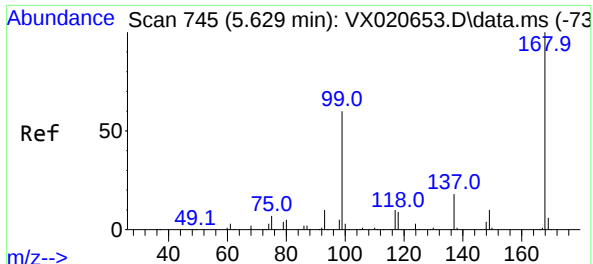
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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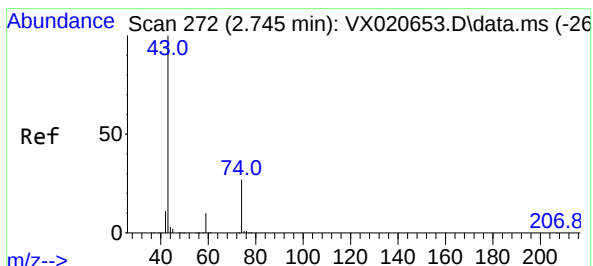
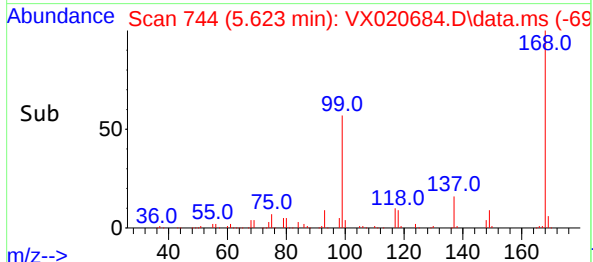
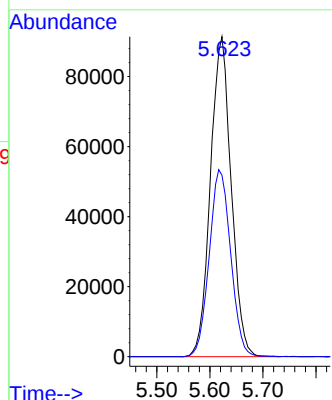
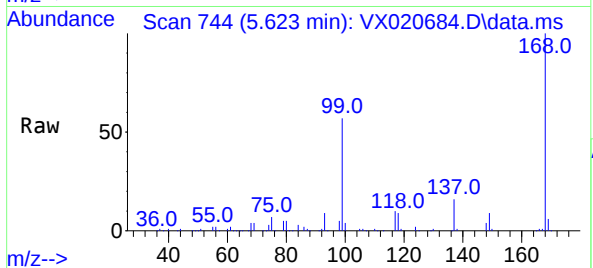




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

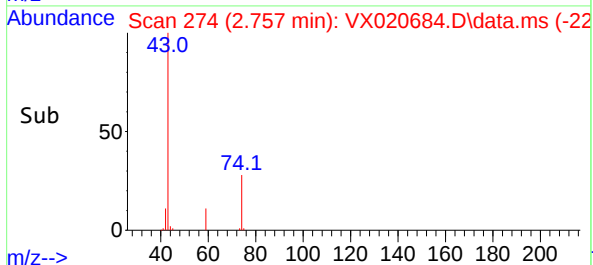
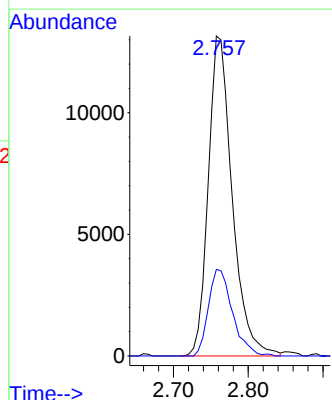
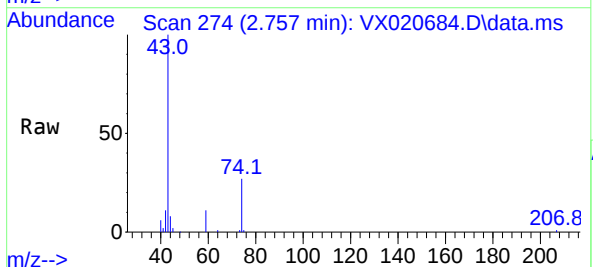
Instrument :
MSVOA_X
ClientSampleId :
TR-05-011521

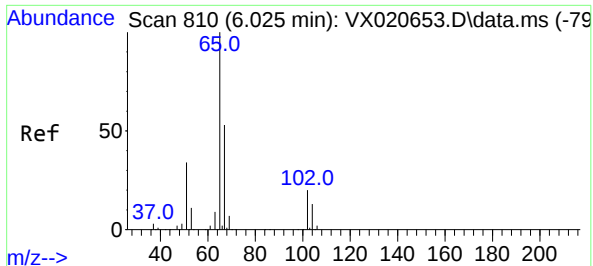
Tgt Ion:168 Resp: 248604
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#18
Methyl Acetate
Concen: 9.78 ug/l
RT: 2.757 min Scan# 274
Delta R.T. 0.012 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion: 43 Resp: 29328
Ion Ratio Lower Upper
43 100
74 27.1 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 46.79 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020684.D

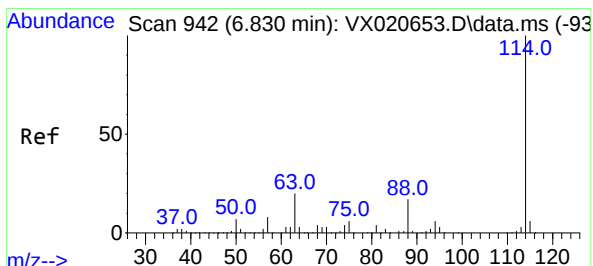
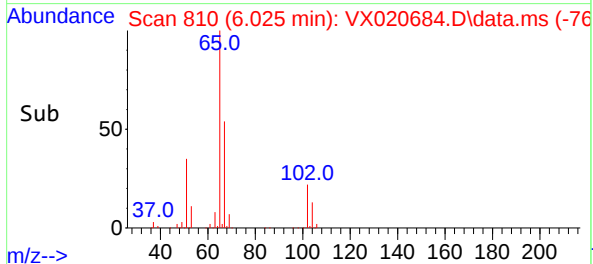
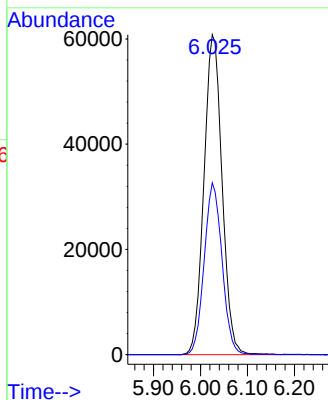
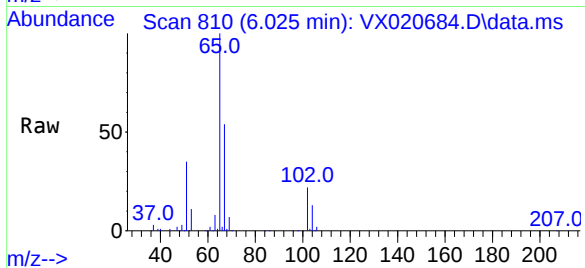
Acq: 20 Jan 2021 16:34

Tgt Ion: 65 Resp: 162725

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.006 min

Lab File: VX020684.D

Acq: 20 Jan 2021 16:34

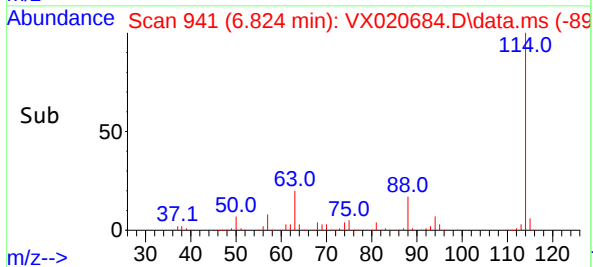
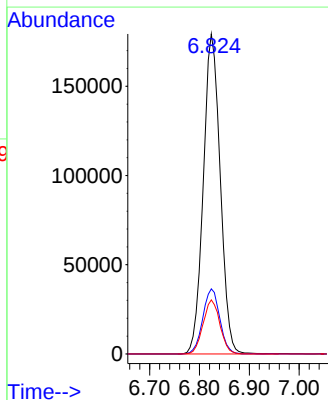
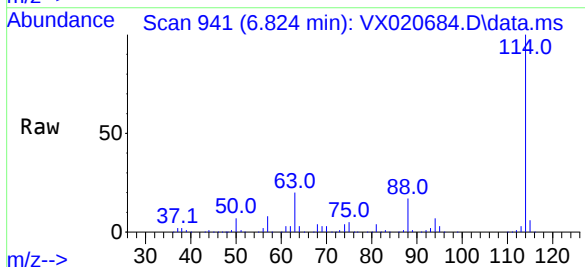
Tgt Ion: 114 Resp: 422654

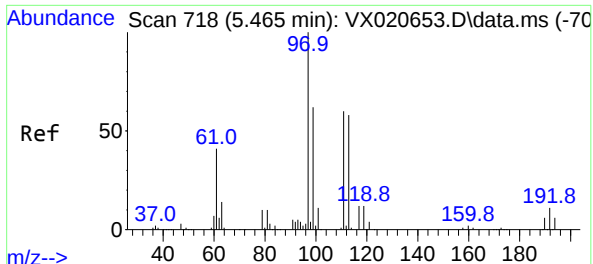
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.9 0.0 32.8

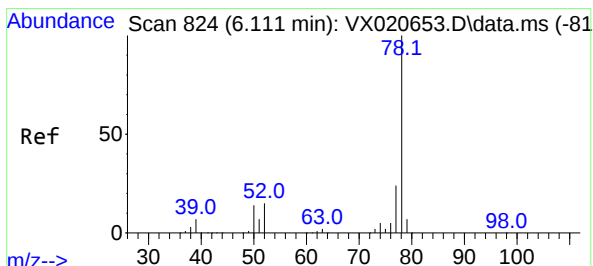
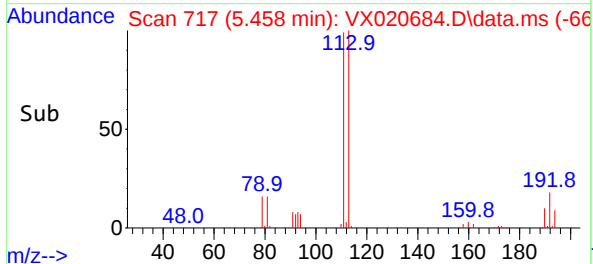
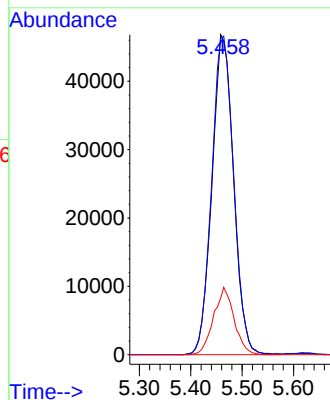
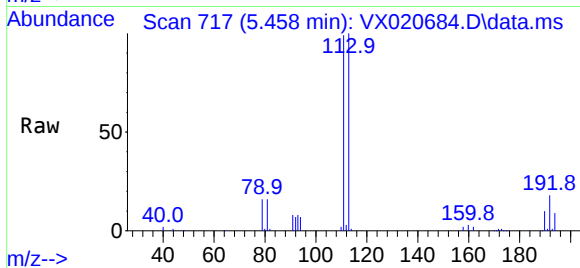




#35
Dibromofluoromethane
Concen: 45.66 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

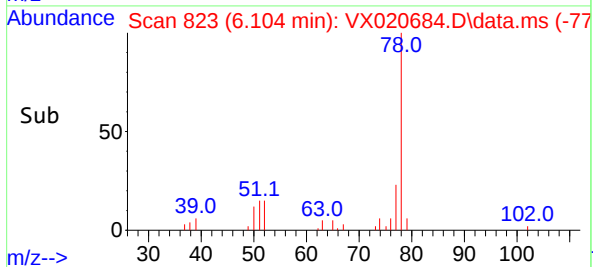
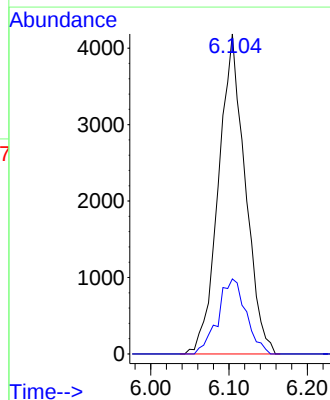
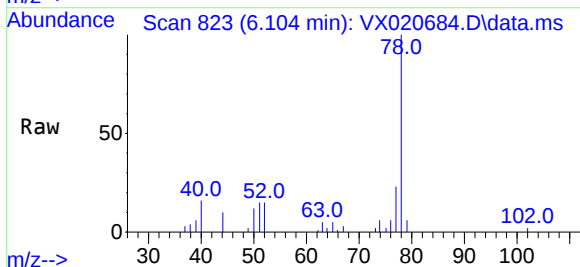
Instrument :
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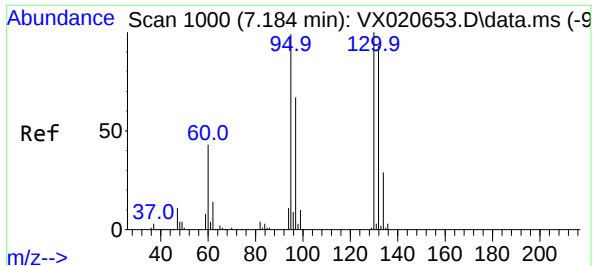
Tgt Ion:113 Resp: 136177
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.0 16.7 25.1



#40
Benzene
Concen: 0.79 ug/l
RT: 6.104 min Scan# 823
Delta R.T. -0.007 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion: 78 Resp: 9902
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

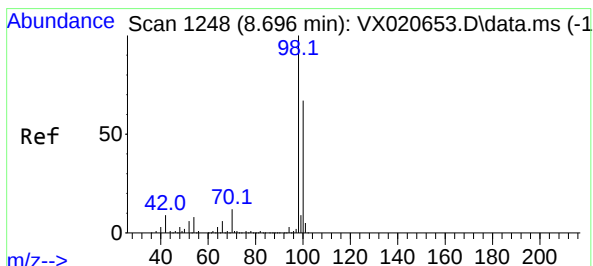
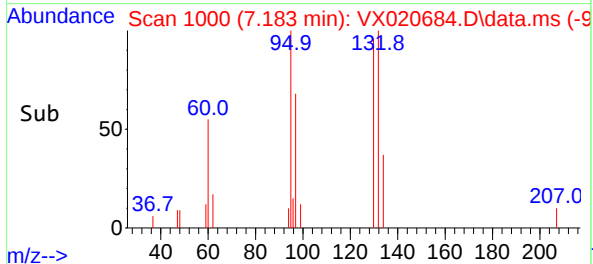
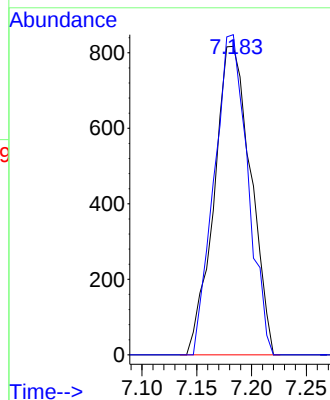
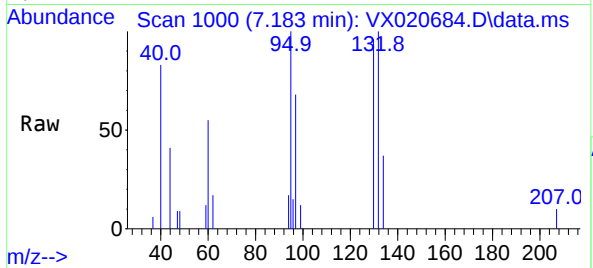




#44
Trichloroethene
Concen: 0.56 ug/l
RT: 7.183 min Scan# 1000
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

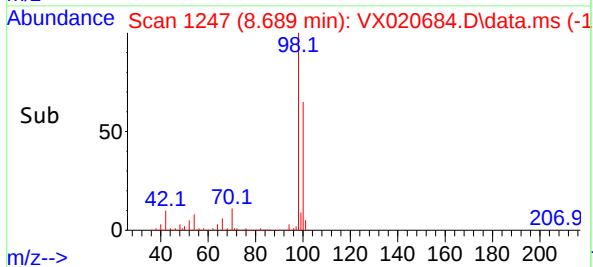
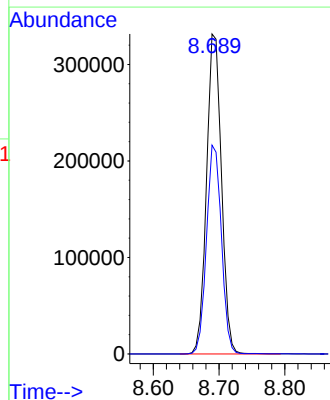
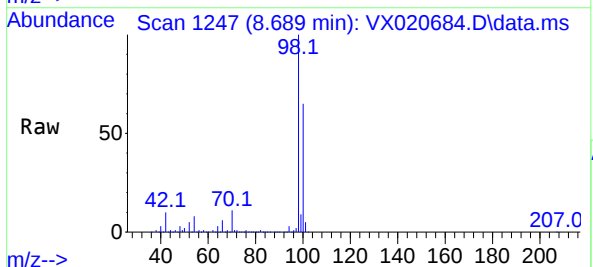
Instrument :
MSVOA_X
ClientSampleId :
TR-05-011521

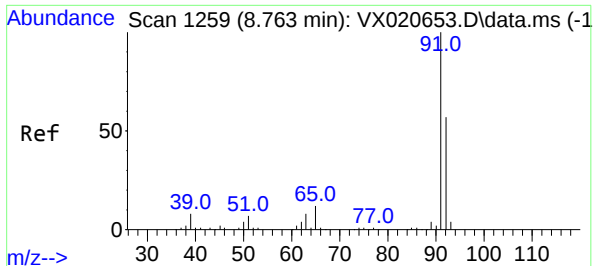
Tgt Ion:130 Resp: 1900
Ion Ratio Lower Upper
130 100
95 103.8 0.0 198.0



#50
Toluene-d8
Concen: 50.16 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion: 98 Resp: 523774
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

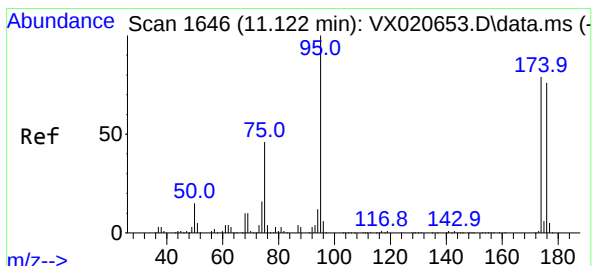
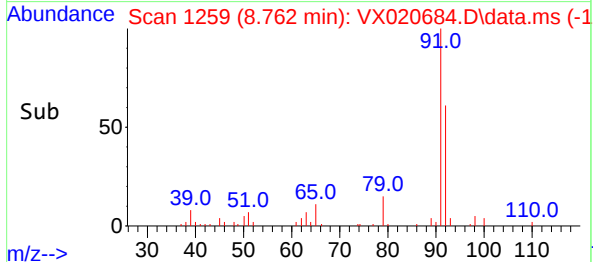
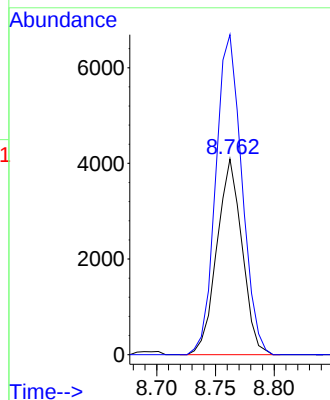
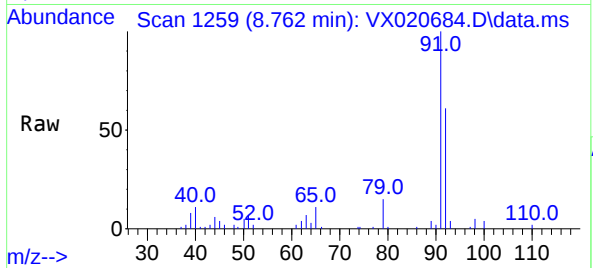




#52
Toluene
Concen: 0.80 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

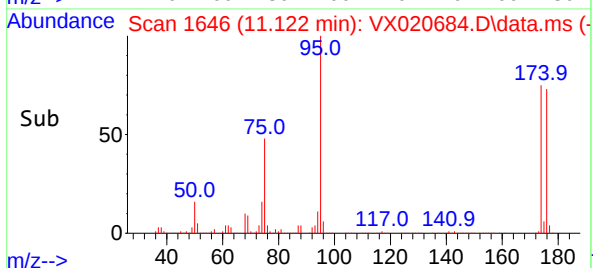
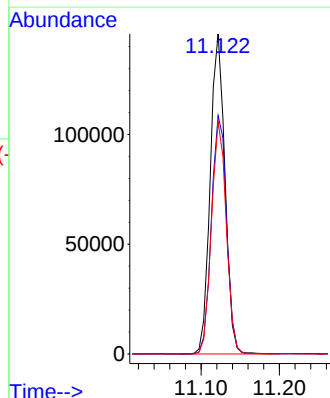
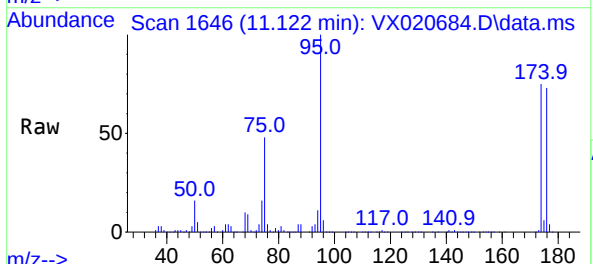
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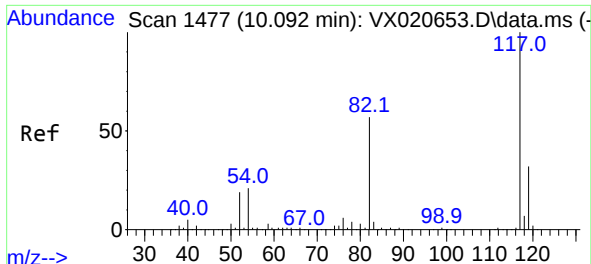
Tgt Ion: 92 Resp: 6105
Ion Ratio Lower Upper
92 100
91 169.6 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 49.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion: 95 Resp: 189597
Ion Ratio Lower Upper
95 100
174 76.8 0.0 154.6
176 73.2 0.0 155.8

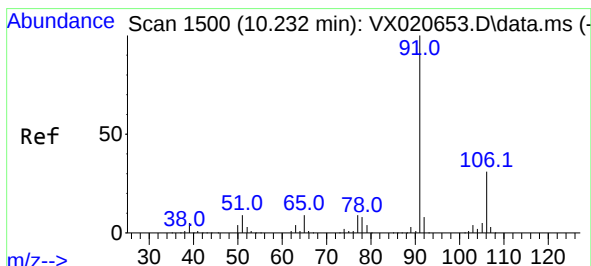
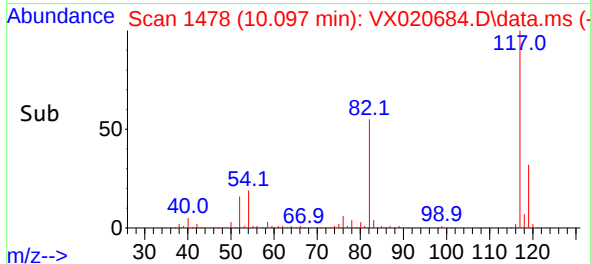
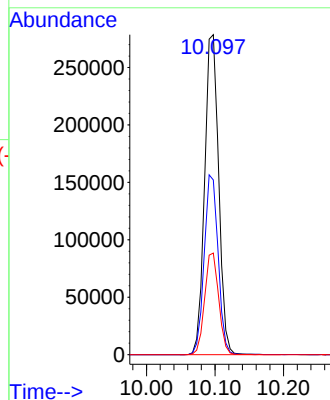
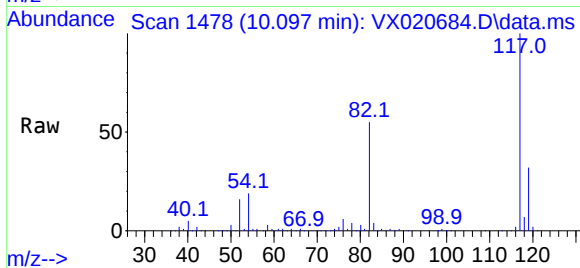




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

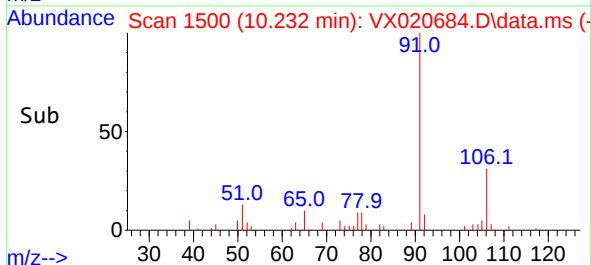
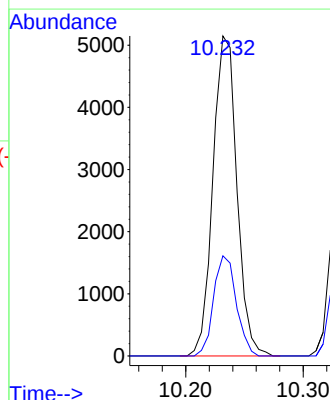
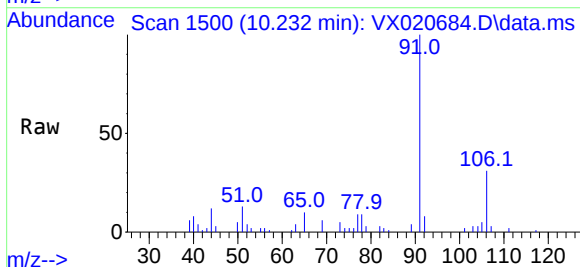
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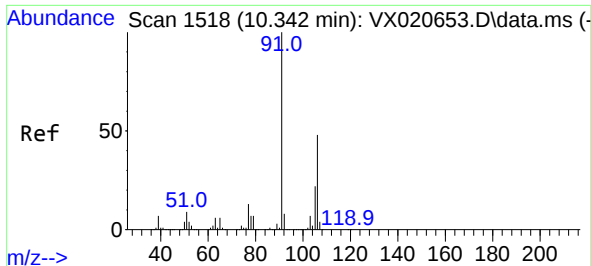
Tgt Ion:117 Resp: 398034
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 31.8 26.6 39.8



#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion: 91 Resp: 7292
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

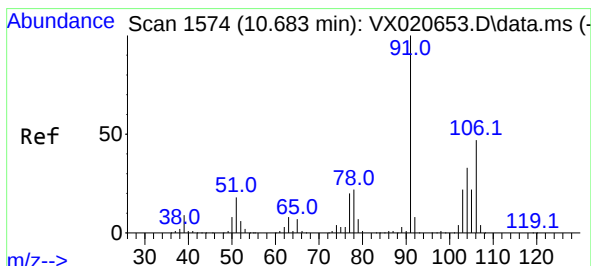
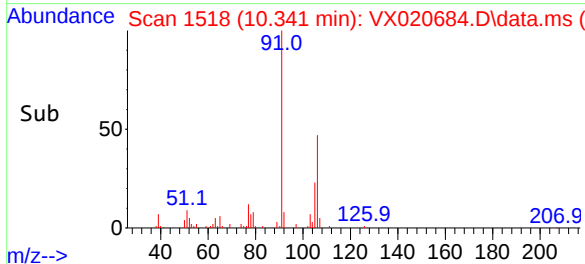
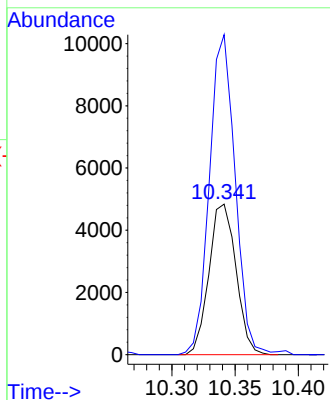
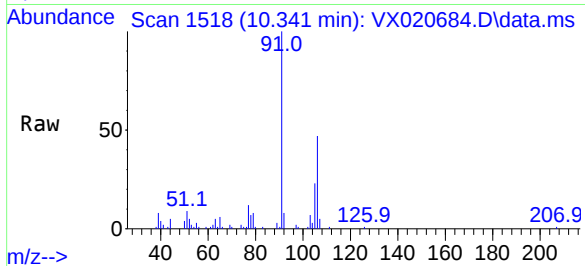




#68
m/p-Xylenes
Concen: 1.33 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

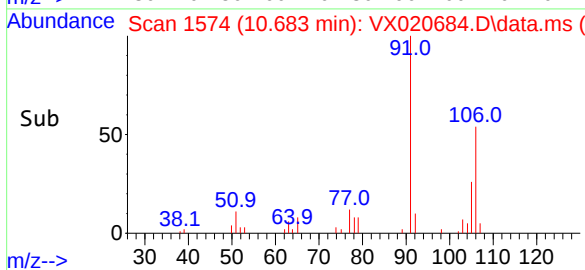
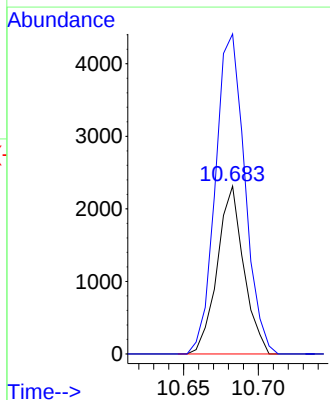
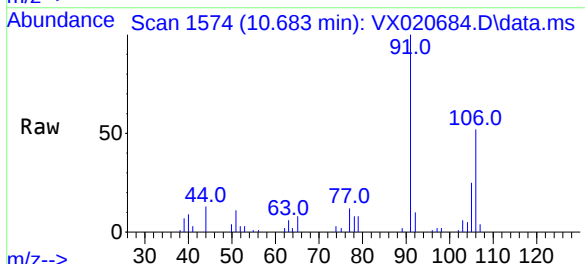
Instrument :
MSVOA_X
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TR-05-011521

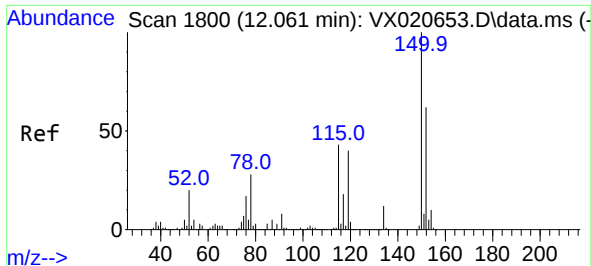
Tgt Ion:106 Resp: 7199
Ion Ratio Lower Upper
106 100
91 202.7 162.8 244.2



#69
o-Xylene
Concen: 0.55 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion:106 Resp: 2844
Ion Ratio Lower Upper
106 100
91 211.9 108.1 324.2

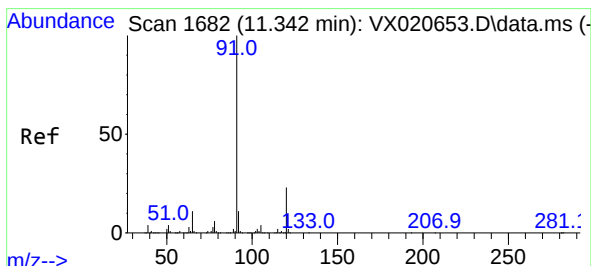
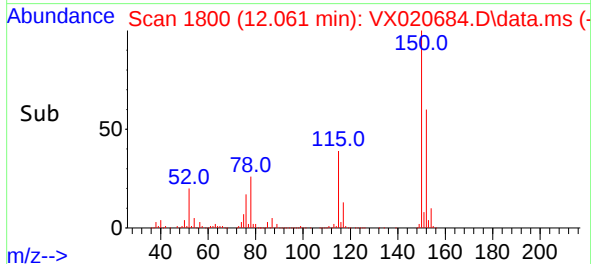
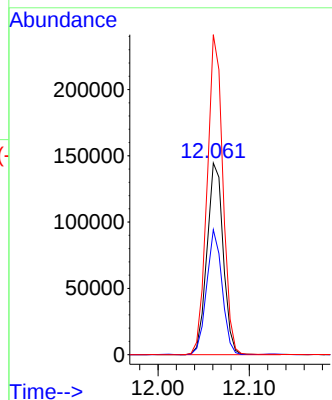
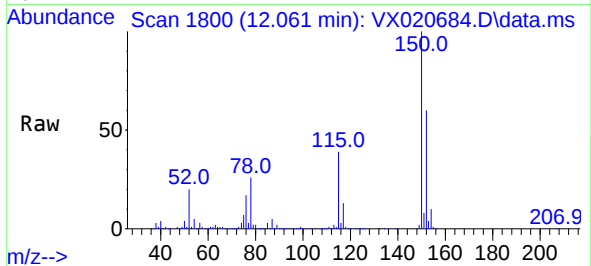




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

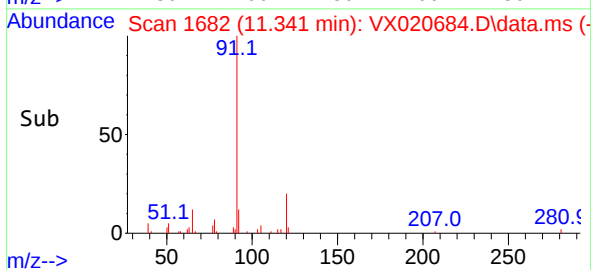
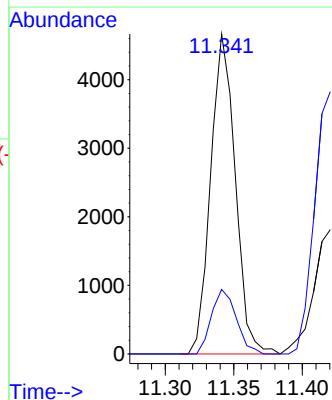
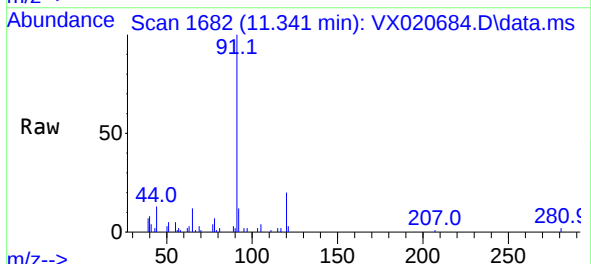
Instrument :
MSVOA_X
ClientSampleId :
TR-05-011521

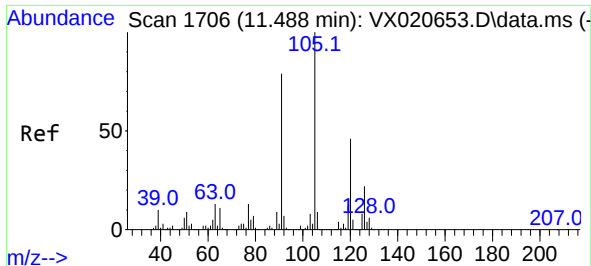
Tgt Ion:152 Resp: 177727
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 162.0 0.0 349.0



#78
n-propylbenzene
Concen: 0.40 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion: 91 Resp: 5824
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.5

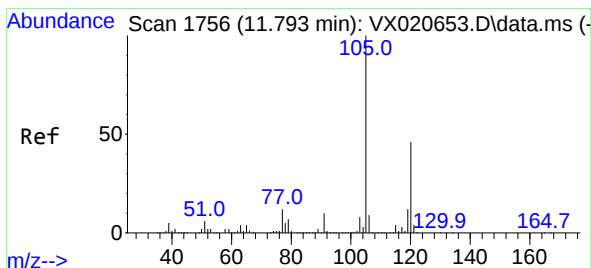
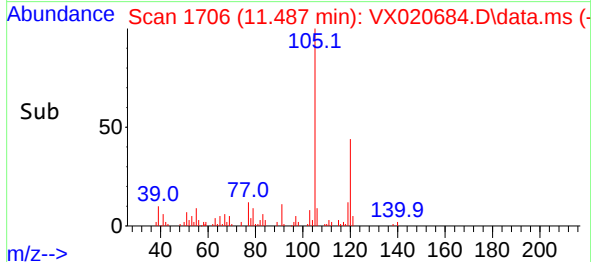
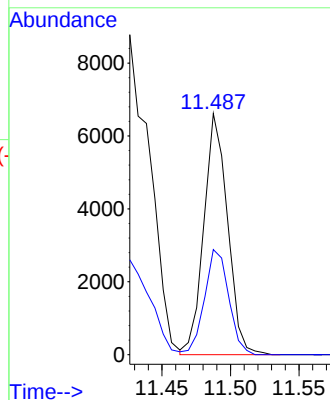
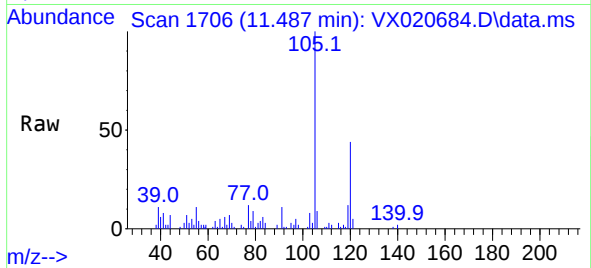




#80
1,3,5-Trimethylbenzene
Concen: 0.75 ug/l
RT: 11.487 min Scan# 1706
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

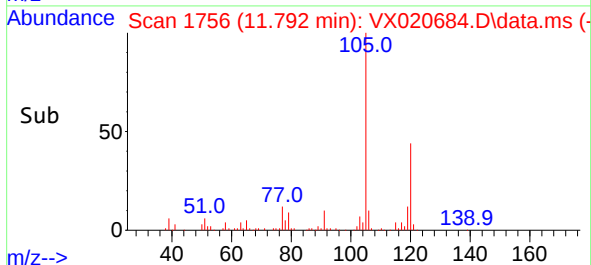
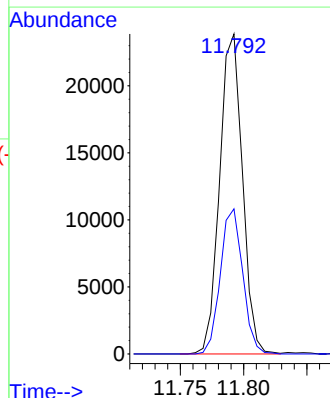
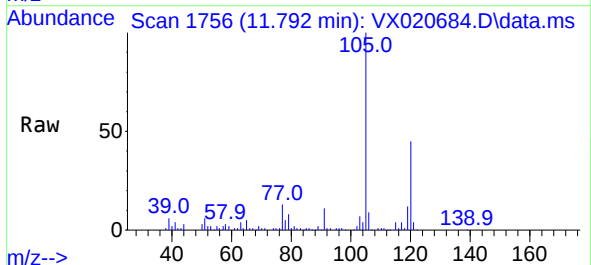
Instrument :
MSVOA_X
ClientSampleId :
TR-05-011521

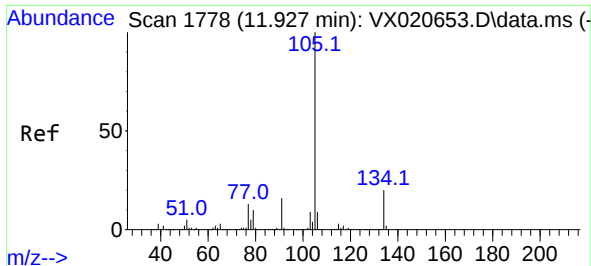
Tgt Ion:105 Resp: 7963
Ion Ratio Lower Upper
105 100
120 44.5 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 2.98 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Tgt Ion:105 Resp: 29892
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3

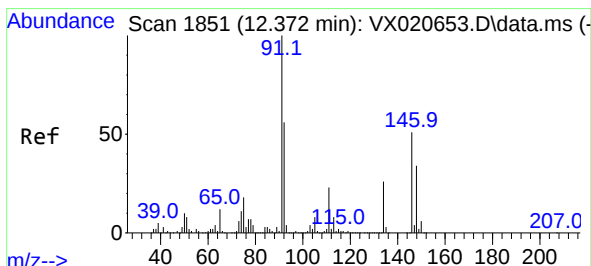
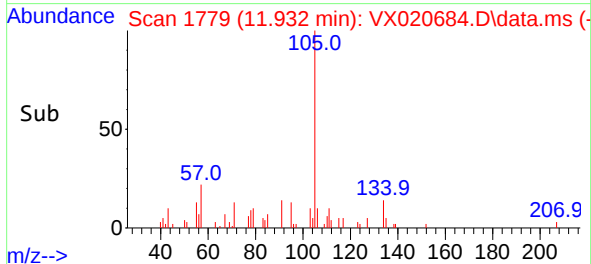
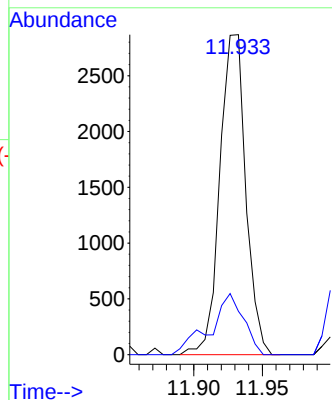
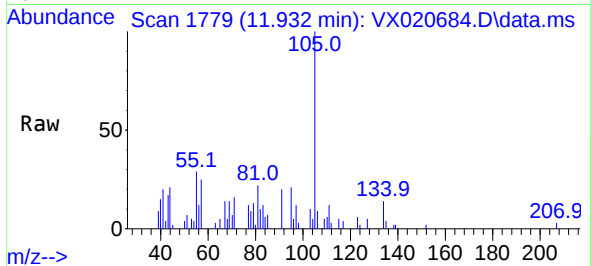




#85
sec-Butylbenzene
Concen: 0.32 ug/l
RT: 11.932 min Scan# 1779
Delta R.T. 0.005 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

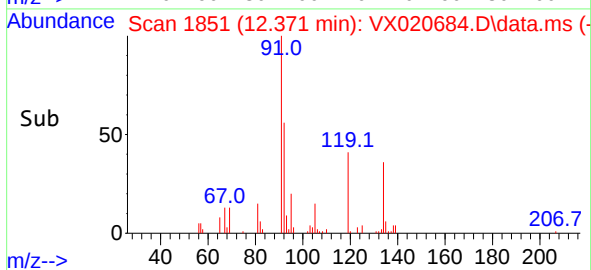
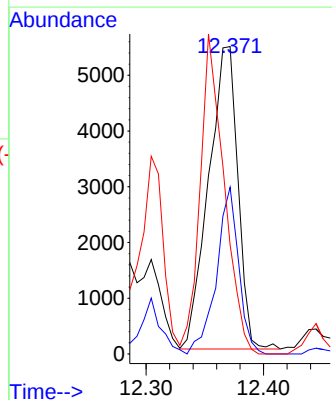
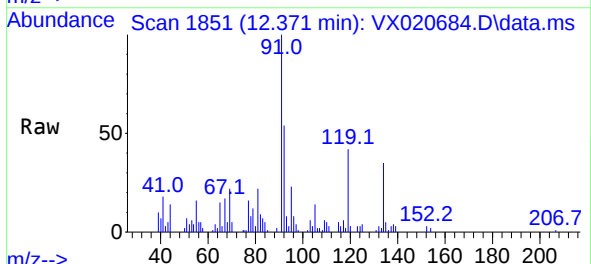
Instrument :
MSVOA_X
ClientSampled :
TR-05-011521

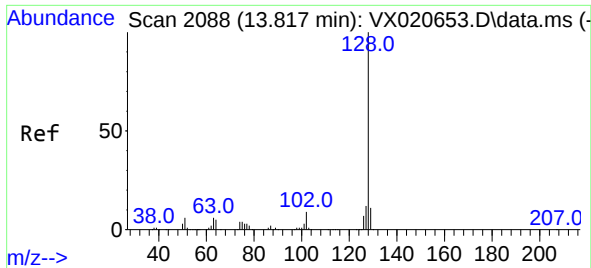
Tgt Ion:105 Resp: 3786
Ion Ratio Lower Upper
105 100
134 24.5 10.0 29.8



#89
n-Butylbenzene
Concen: 2.29 ug/l
RT: 12.371 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

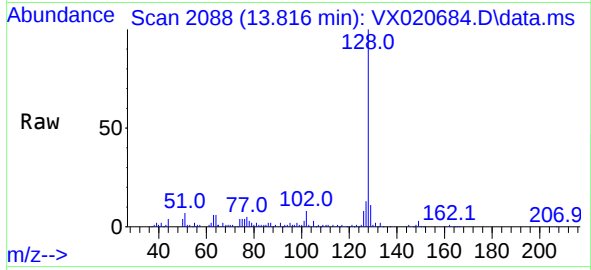
Tgt Ion: 91 Resp: 9430
Ion Ratio Lower Upper
91 100
92 41.7 27.4 82.0
134 86.7 13.2 39.5#





#95
Naphthalene
Concen: 3.89 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020684.D
Acq: 20 Jan 2021 16:34

Instrument :
MSVOA_X
ClientSampleId :
TR-05-011521



Tgt Ion:128 Resp: 26731
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 12.2 8.8 13.2

