

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021631.D
 Acq On : 30 Mar 2021 15:50
 Operator : JC/MD
 Sample : M1785-17 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-032321

Quant Time: Mar 31 04:59:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

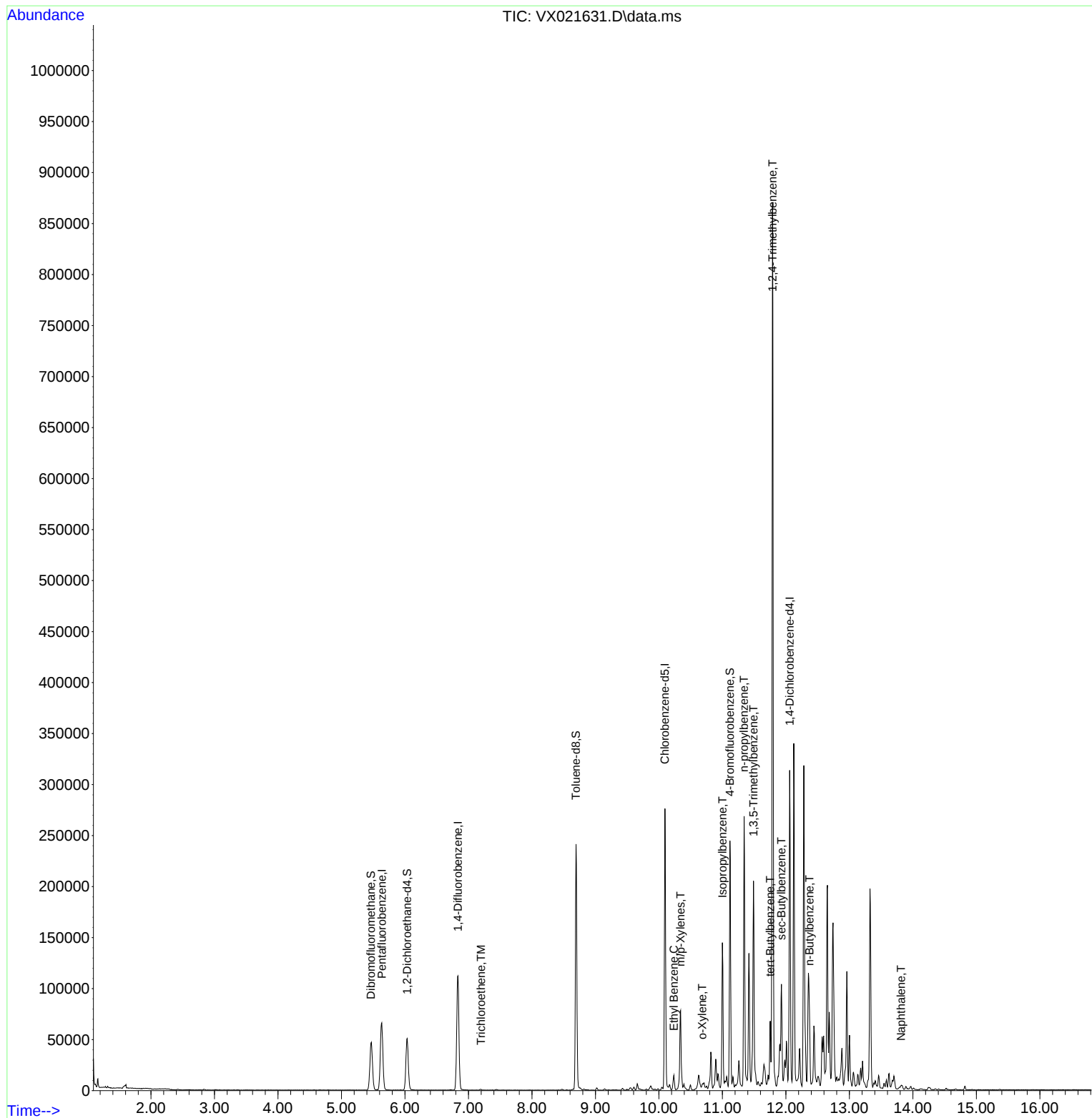
Internal Standards						
1) Pentafluorobenzene	5.635	168	58538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	107403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	50004	51.34	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.68%	
35) Dibromofluoromethane	5.464	113	38427	50.37	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.74%	
50) Toluene-d8	8.694	98	135774	49.94	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.88%	
62) 4-Bromofluorobenzene	11.118	95	60743	57.47	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.94%	
Target Compounds						Qvalue
44) Trichloroethene	7.200	130	238	0.30	ug/l	88
67) Ethyl Benzene	10.235	91	7205	1.73	ug/l	93
68) m/p-Xylenes	10.341	106	15261	10.30	ug/l	88
69) o-Xylene	10.682	106	734	0.51	ug/l	97
73) Isopropylbenzene	11.000	105	67557	16.87	ug/l	98
78) n-propylbenzene	11.341	91	154628	32.69	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	78850	23.05	ug/l	98
83) tert-Butylbenzene	11.753	119	9186	2.76	ug/l	86
84) 1,2,4-Trimethylbenzene	11.788	105	351302	101.86	ug/l	99
85) sec-Butylbenzene	11.930	105	40635	10.58	ug/l	81
89) n-Butylbenzene	12.371	91	31137	9.72	ug/l	# 69
95) Naphthalene	13.812	128	1981	0.53	ug/l	98

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

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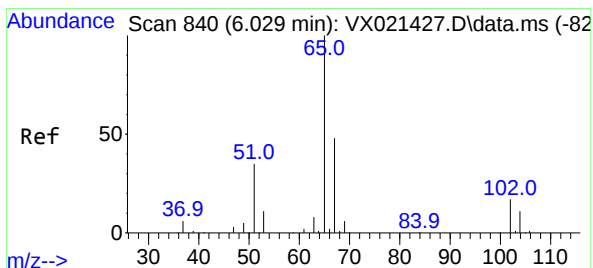
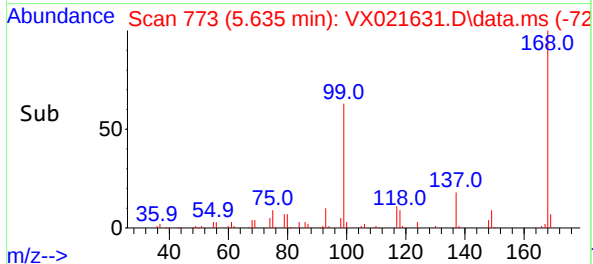
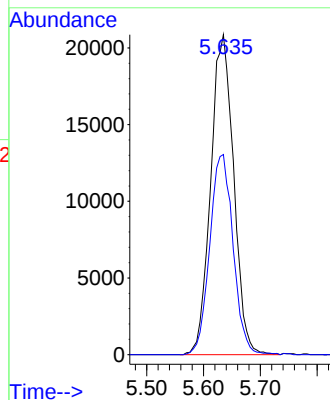
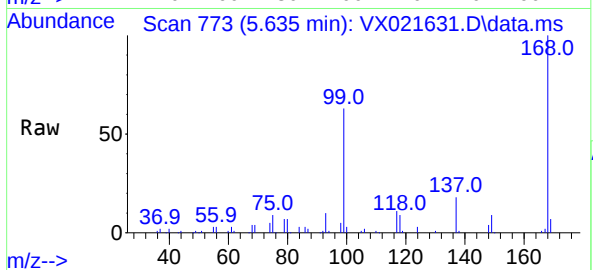




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

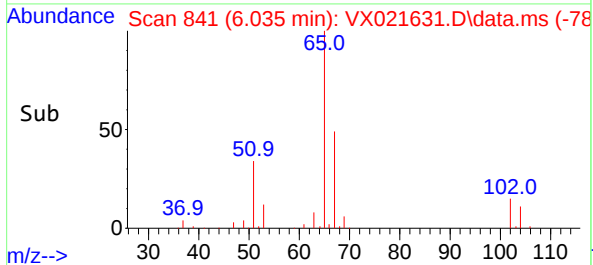
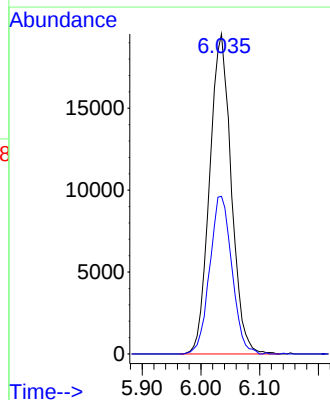
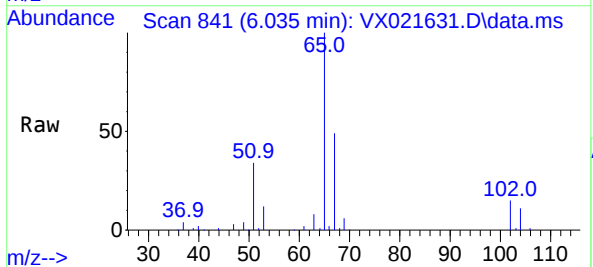
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MSVOA_X
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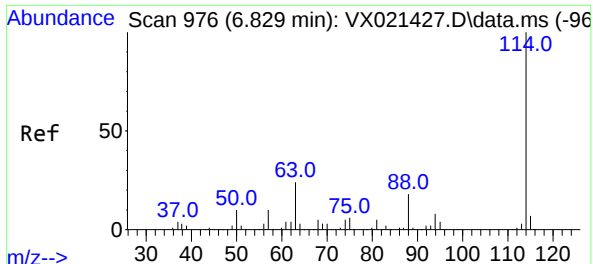
Tgt Ion:168 Resp: 58538
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 51.34 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion: 65 Resp: 50004
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

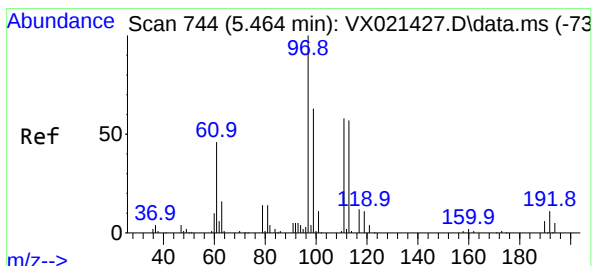
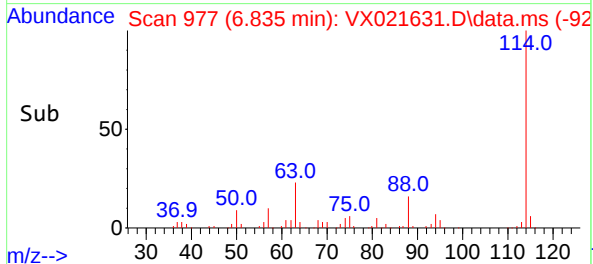
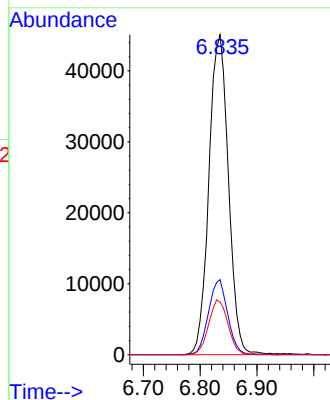
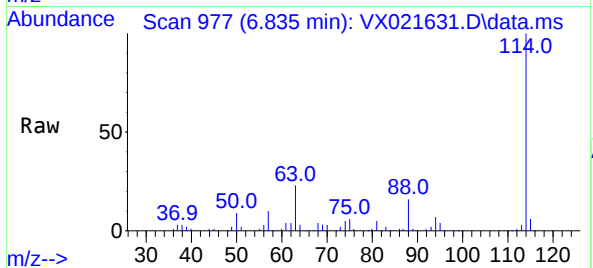




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

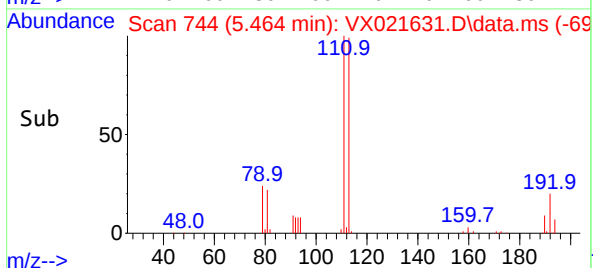
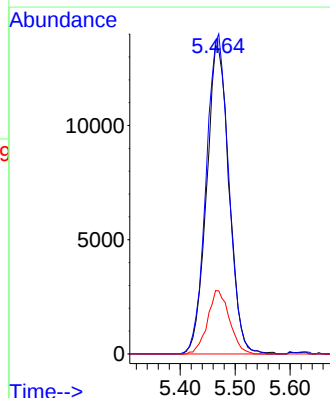
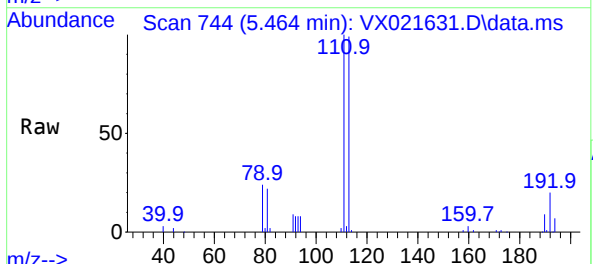
Instrument :
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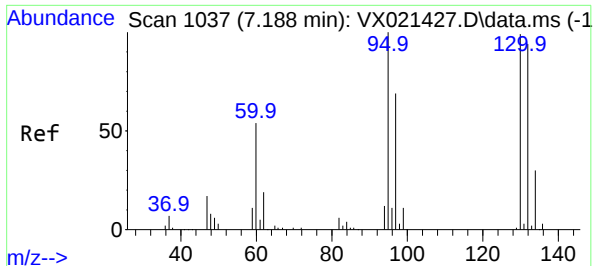
Tgt Ion:114 Resp: 107403
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion:113 Resp: 38427
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 20.0 16.7 25.1

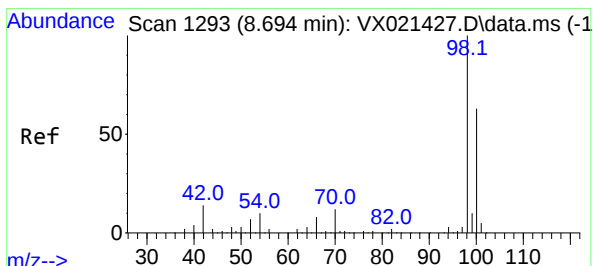
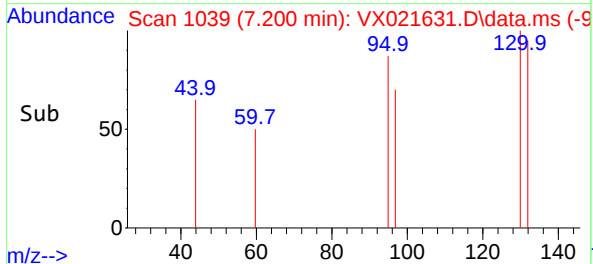
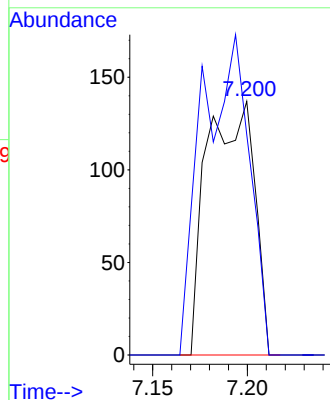
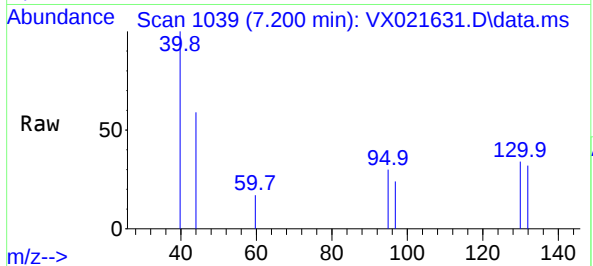




#44
Trichloroethene
Concen: 0.30 ug/l
RT: 7.200 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

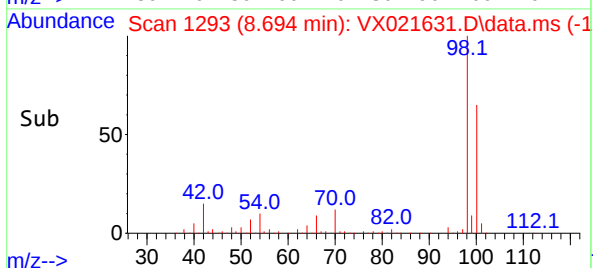
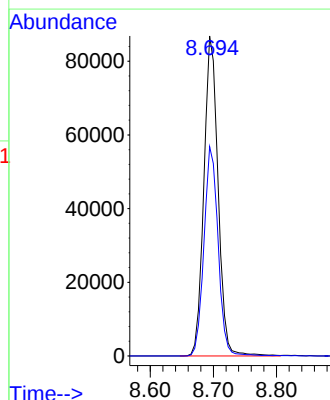
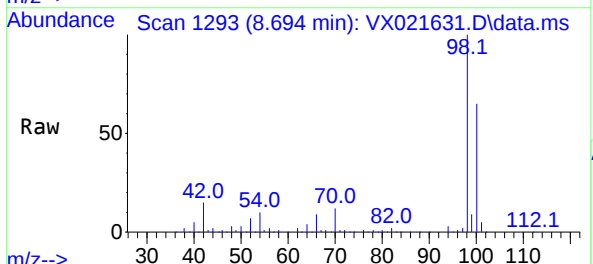
Instrument :
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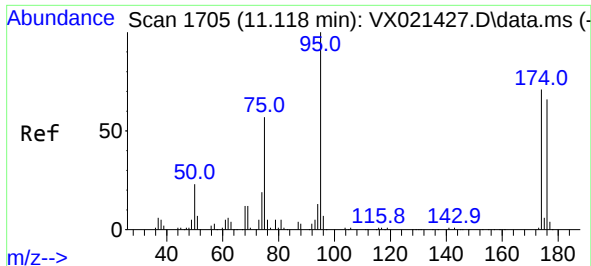
Tgt Ion:130 Resp: 238
Ion Ratio Lower Upper
130 100
95 86.9 0.0 198.0



#50
Toluene-d8
Concen: 49.94 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion: 98 Resp: 135774
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

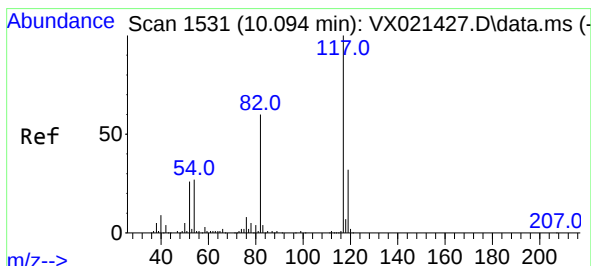
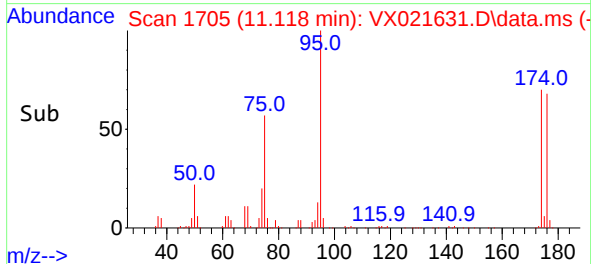
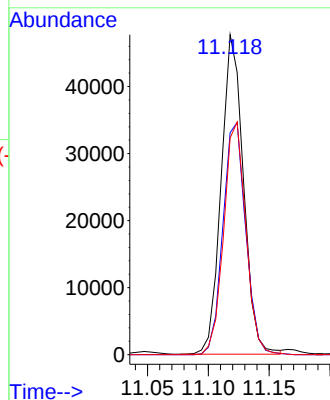
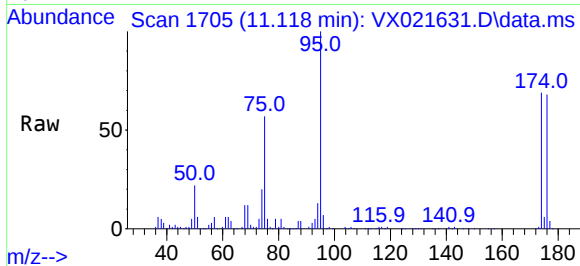




#62
4-Bromofluorobenzene
Concen: 57.47 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

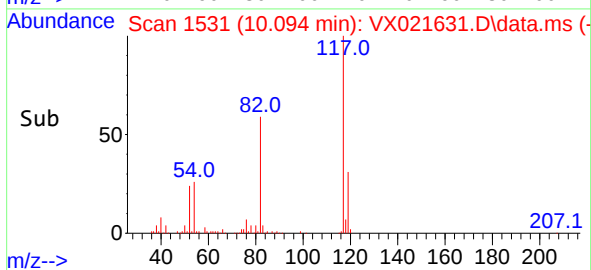
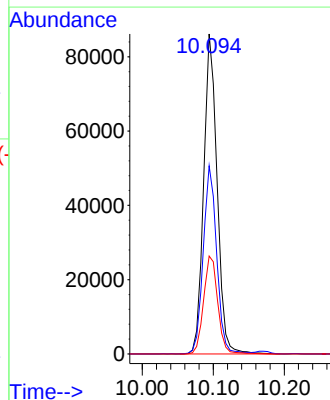
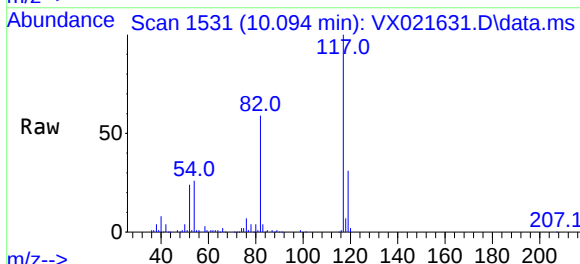
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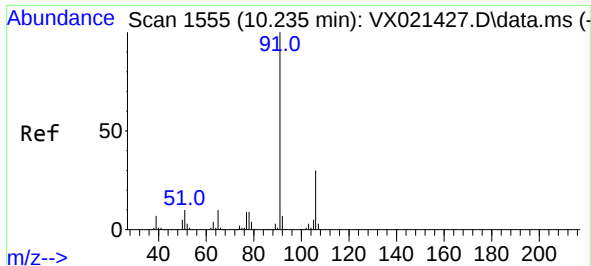
Tgt Ion: 95 Resp: 60743
Ion Ratio Lower Upper
95 100
174 74.2 0.0 154.6
176 72.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion: 117 Resp: 113610
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 30.6 26.6 39.8

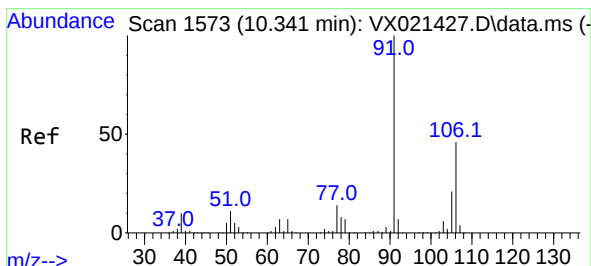
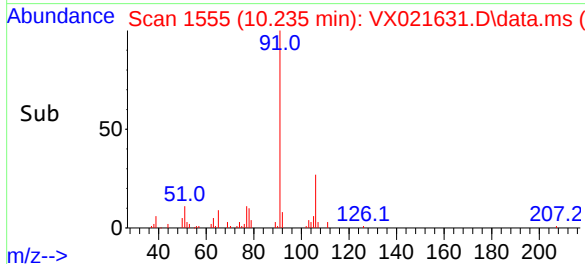
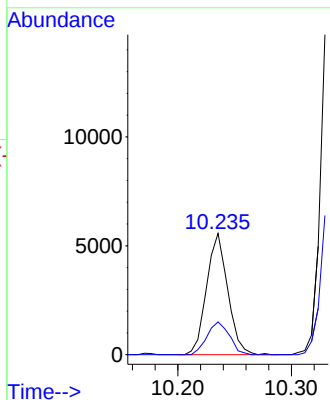
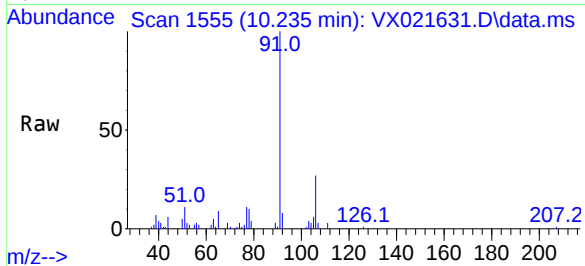




#67
Ethyl Benzene
Concen: 1.73 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

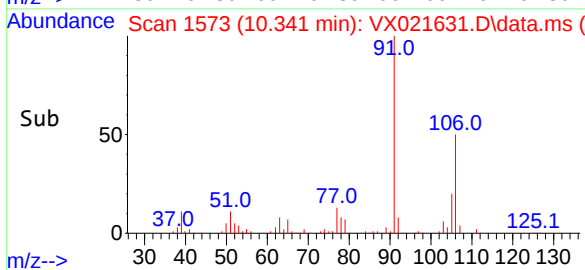
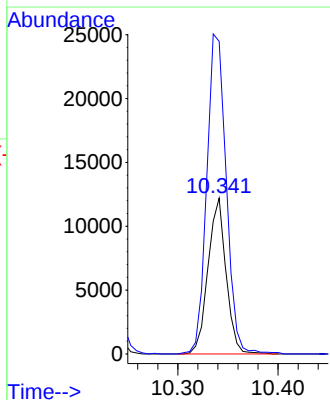
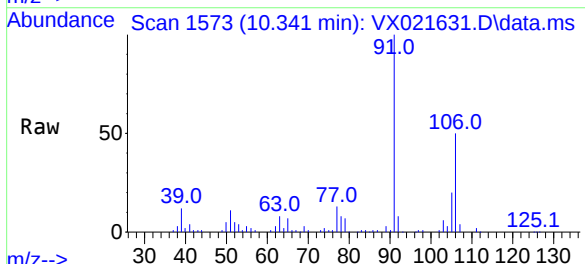
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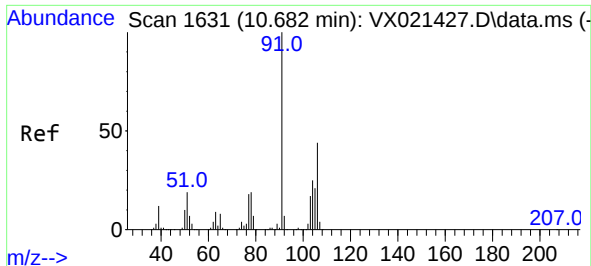
Tgt Ion: 91 Resp: 7205
Ion Ratio Lower Upper
91 100
106 27.0 24.6 37.0



#68
m/p-Xylenes
Concen: 10.30 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion: 106 Resp: 15261
Ion Ratio Lower Upper
106 100
91 221.5 162.8 244.2

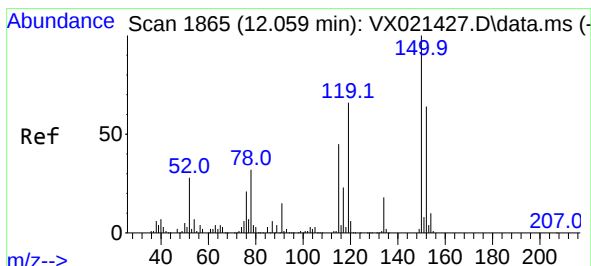
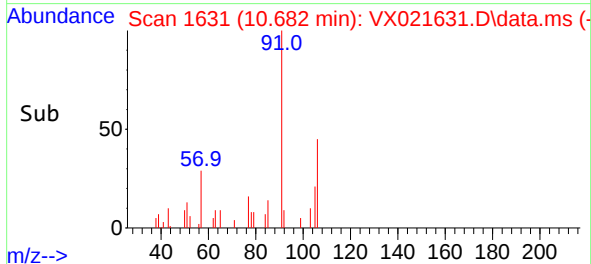
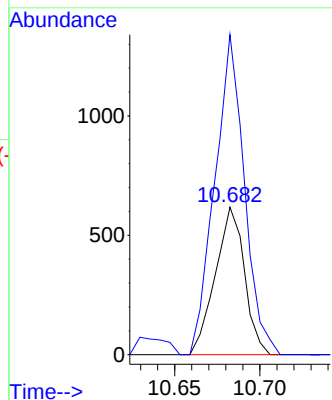
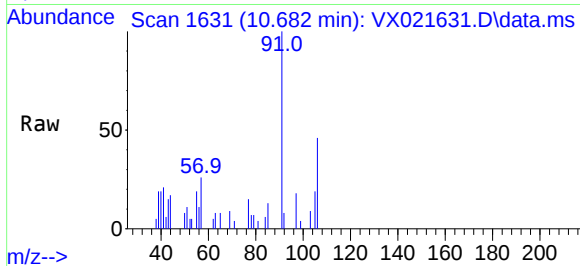




#69
o-Xylene
Concen: 0.51 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

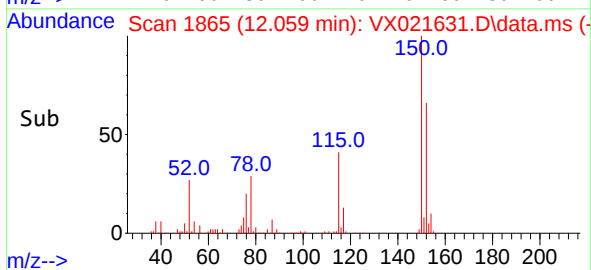
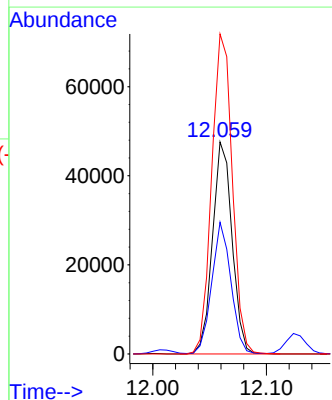
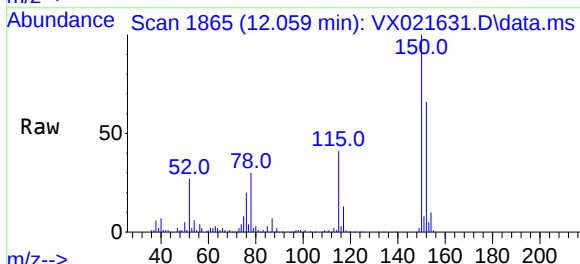
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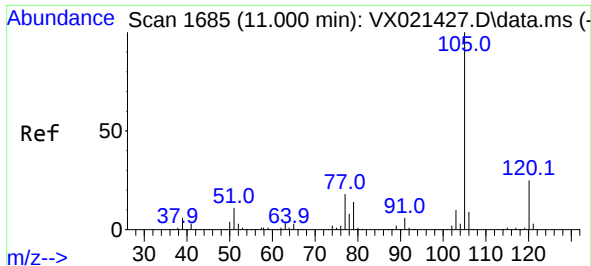
Tgt Ion:106 Resp: 734
Ion Ratio Lower Upper
106 100
91 220.4 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion:152 Resp: 56998
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.5 0.0 349.0

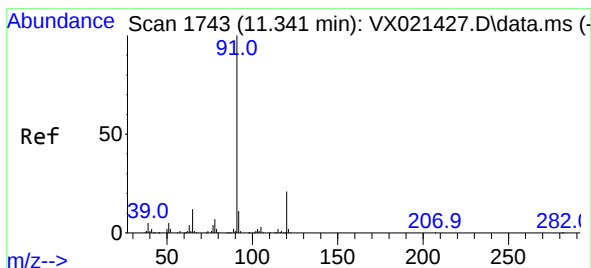
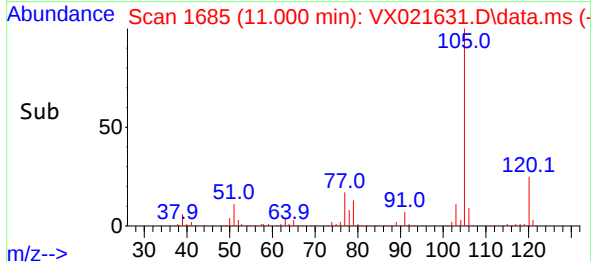
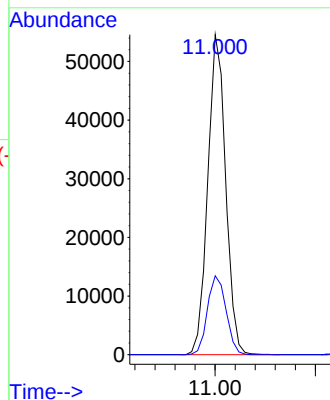
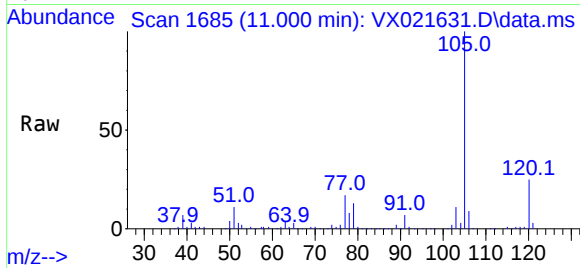




#73
Isopropylbenzene
Concen: 16.87 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

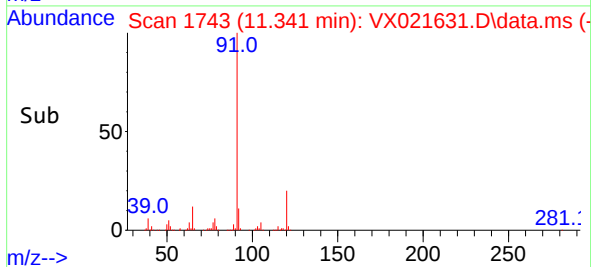
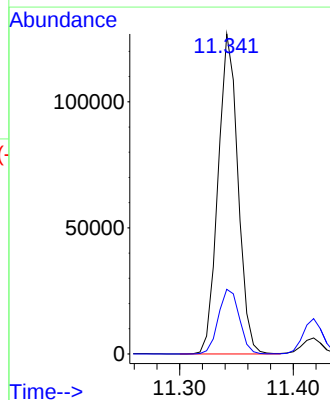
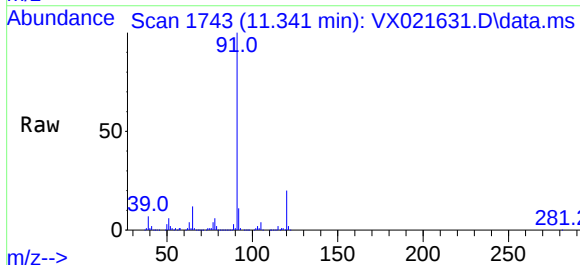
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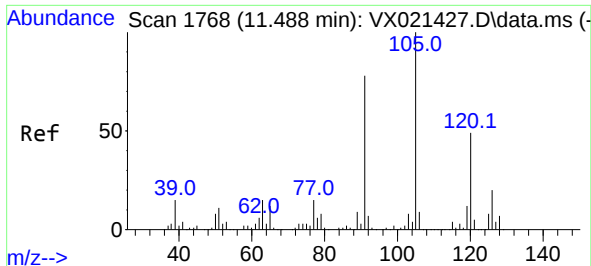
Tgt Ion:105 Resp: 67557
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.6



#78
n-propylbenzene
Concen: 32.69 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion: 91 Resp: 154628
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.5

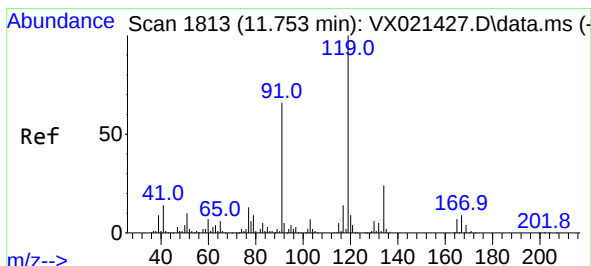
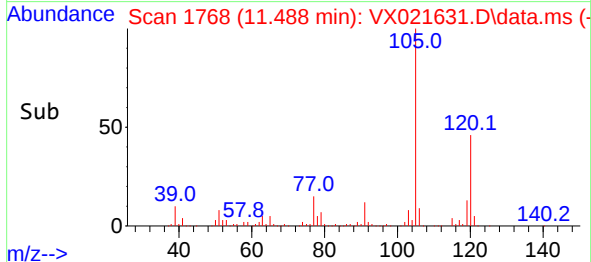
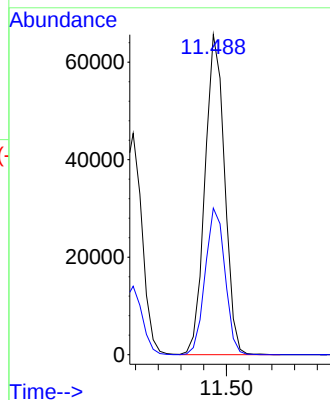
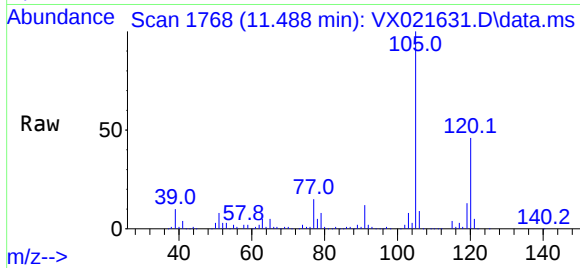




#80
1,3,5-Trimethylbenzene
Concen: 23.05 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

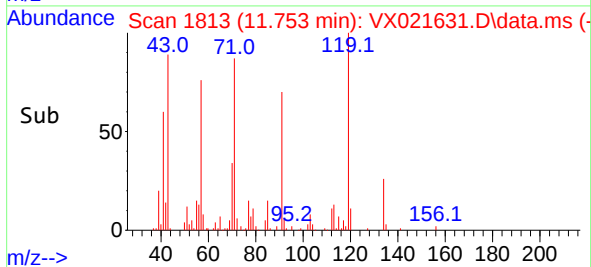
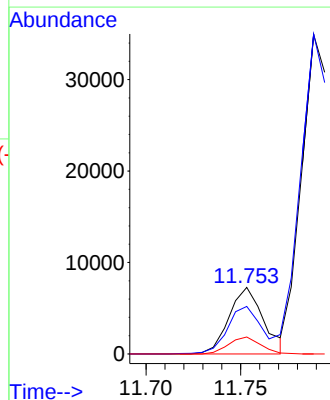
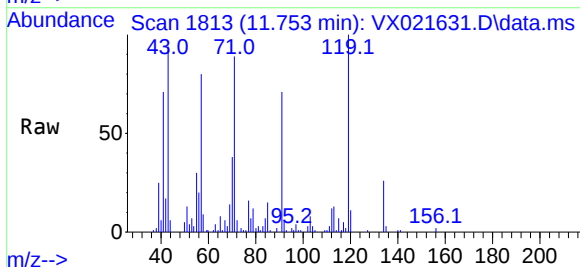
Instrument :
MSVOA_X
ClientSampled :
FD-032321

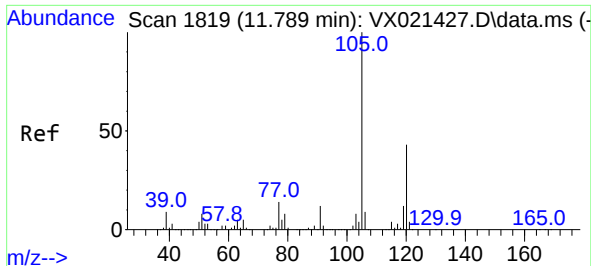
Tgt Ion:105 Resp: 78850
Ion Ratio Lower Upper
105 100
120 46.1 23.8 71.5



#83
tert-Butylbenzene
Concen: 2.76 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion:119 Resp: 9186
Ion Ratio Lower Upper
119 100
91 69.4 27.9 83.7
134 23.8 11.3 33.9

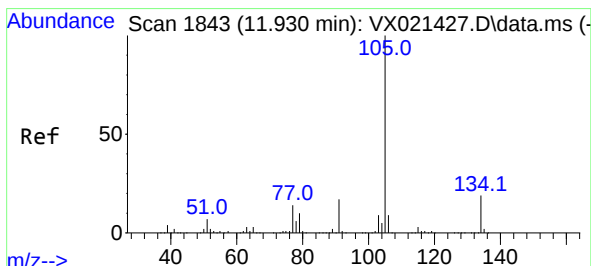
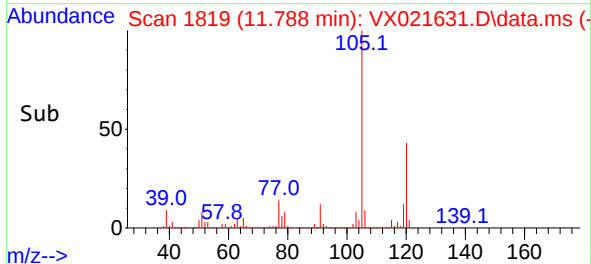
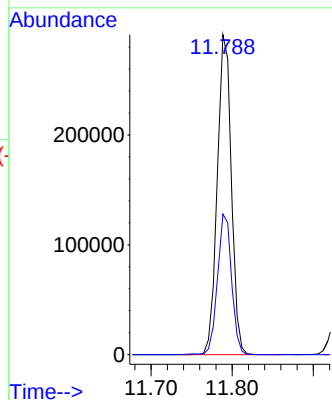
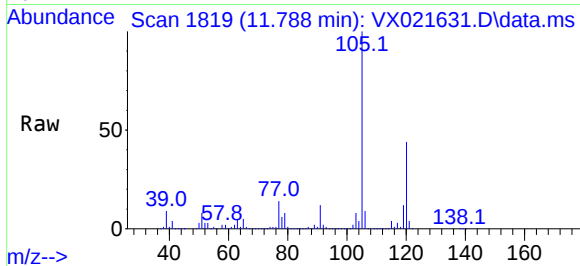




#84
1,2,4-Trimethylbenzene
Concen: 101.86 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

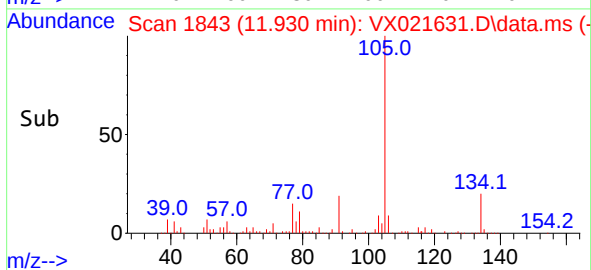
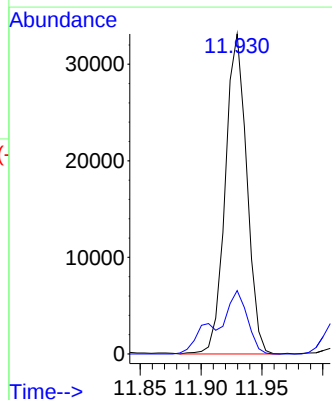
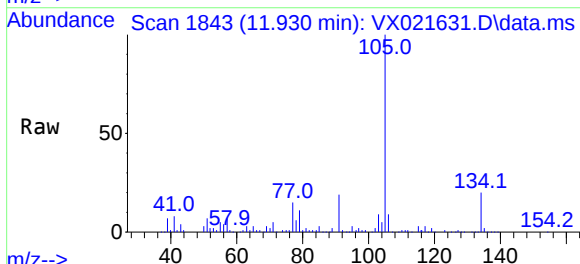
Instrument :
MSVOA_X
ClientSampleId :
FD-032321

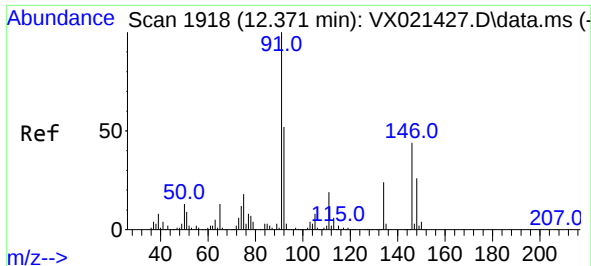
Tgt Ion:105 Resp: 351302
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 10.58 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion:105 Resp: 40635
Ion Ratio Lower Upper
105 100
134 28.6 10.0 29.8

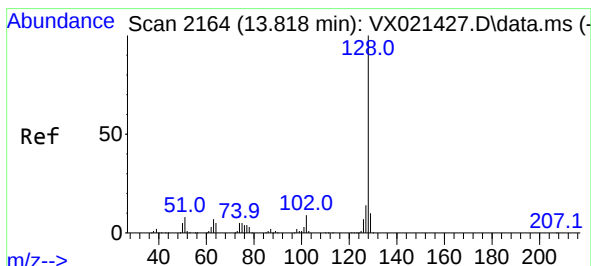
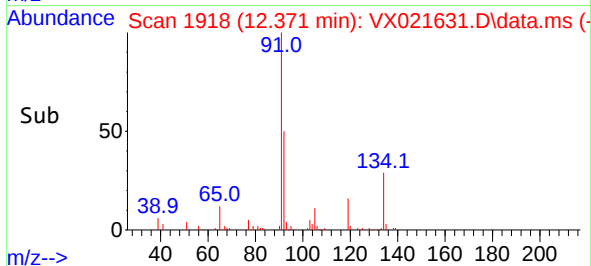
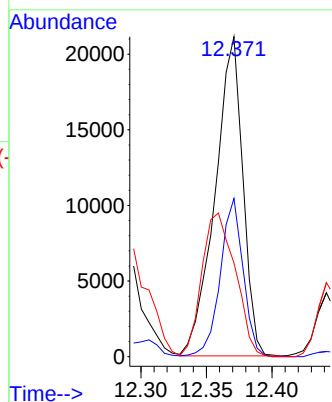
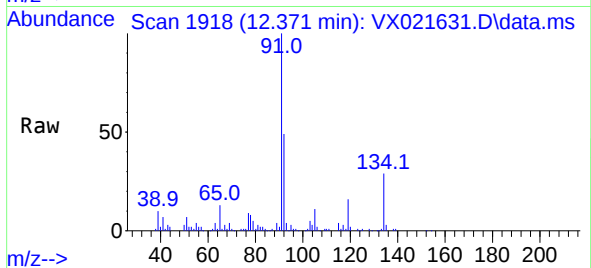




#89
n-Butylbenzene
Concen: 9.72 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

Tgt Ion: 91 Resp: 31137
Ion Ratio Lower Upper
91 100
92 40.8 27.4 82.0
134 54.2 13.2 39.5#



#95
Naphthalene
Concen: 0.53 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021631.D
Acq: 30 Mar 2021 15:50

Tgt Ion: 128 Resp: 1981
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 11.9 8.8 13.2

