

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021580.D
 Acq On : 29 Mar 2021 16:26
 Operator : JC/MD
 Sample : M1785-14 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3R

Quant Time: Mar 30 03:29:28 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)

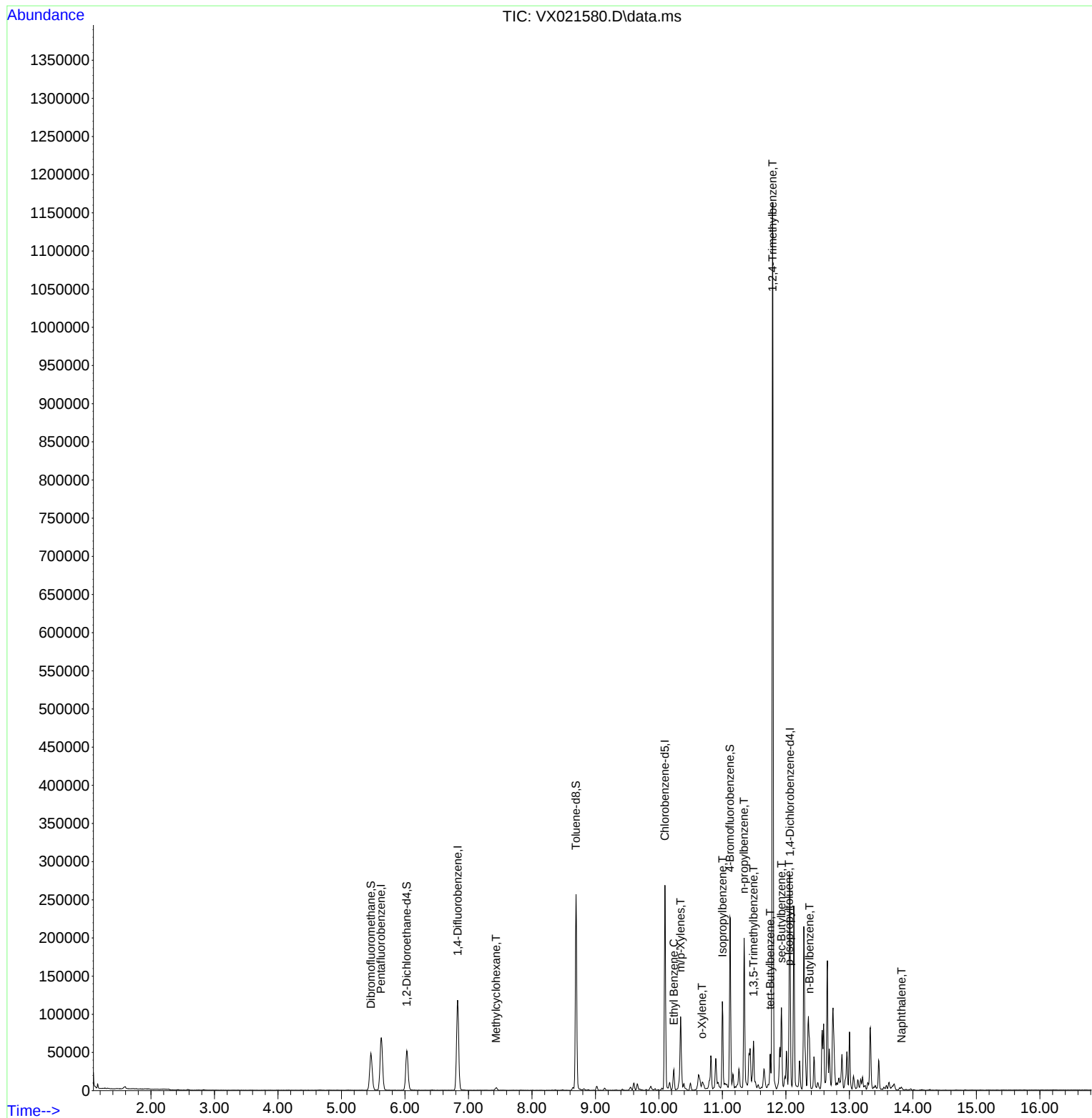
Internal Standards						
1) Pentafluorobenzene	5.623	168	60069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	110895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	50223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50819	50.85	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.70%			
35) Dibromofluoromethane	5.464	113	39411	50.03	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.06%			
50) Toluene-d8	8.694	98	140546	50.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.14%			
62) 4-Bromofluorobenzene	11.118	95	57611	52.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.58%			
Target Compounds					Qvalue	
39) Methylcyclohexane	7.435	83	1280	1.06	ug/l #	87
67) Ethyl Benzene	10.235	91	13370	3.33	ug/l	95
68) m/p-Xylenes	10.341	106	18714	13.07	ug/l	91
69) o-Xylene	10.677	106	1671	1.20	ug/l	87
73) Isopropylbenzene	11.000	105	54510	15.45	ug/l	98
78) n-propylbenzene	11.341	91	119235	28.61	ug/l	96
80) 1,3,5-Trimethylbenzene	11.488	105	23261	7.72	ug/l	96
83) tert-Butylbenzene	11.753	119	9665	3.29	ug/l	87
84) 1,2,4-Trimethylbenzene	11.788	105	476928	156.93	ug/l	98
85) sec-Butylbenzene	11.930	105	48871	14.43	ug/l	100
86) p-Isopropyltoluene	12.047	119	12246	3.97	ug/l	93
89) n-Butylbenzene	12.371	91	27595	9.77	ug/l #	72
95) Naphthalene	13.818	128	2459	0.75	ug/l	97

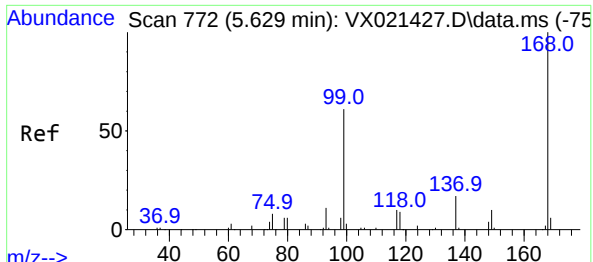
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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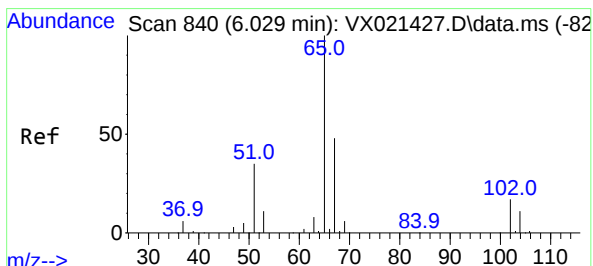
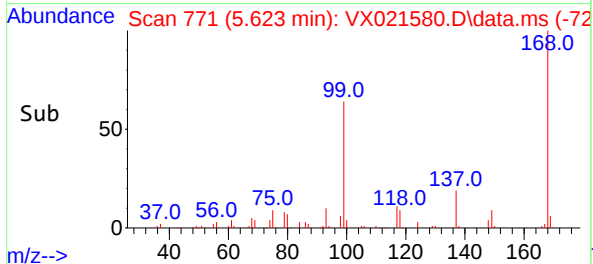
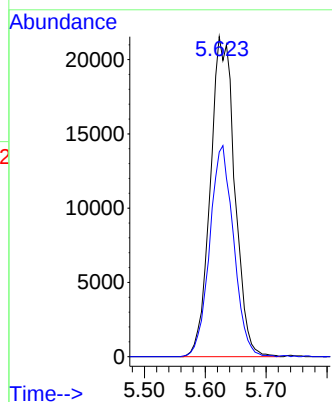
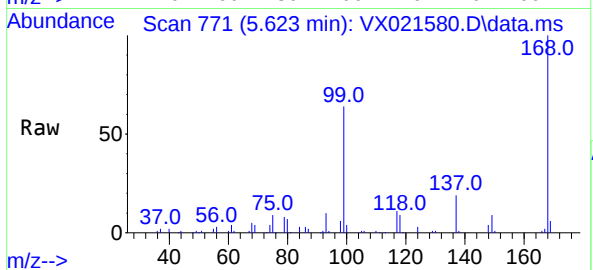




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

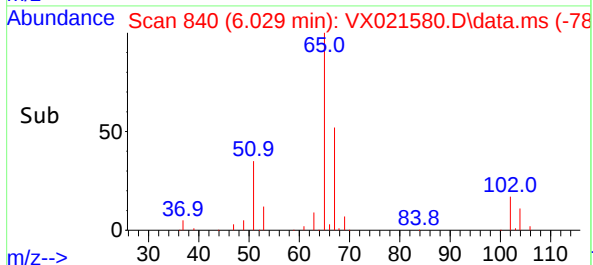
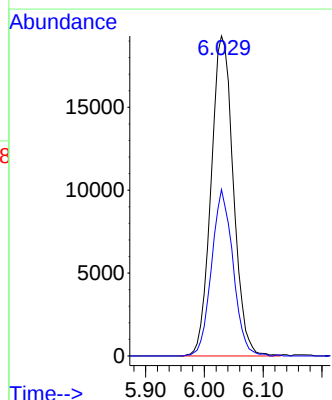
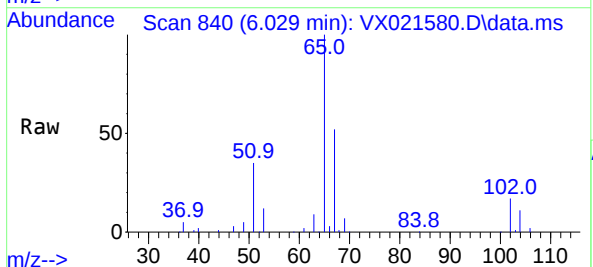
Instrument :
MSVOA_X
ClientSampleId :
MW-3R

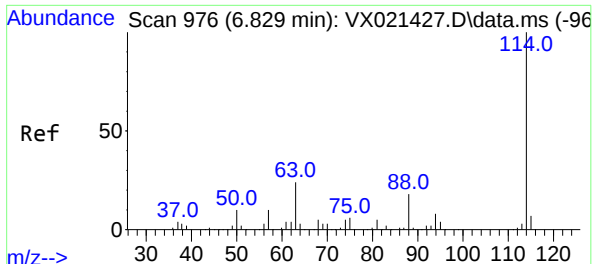
Tgt Ion:168 Resp: 60069
Ion Ratio Lower Upper
168 100
99 64.0 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 50.85 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 65 Resp: 50819
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

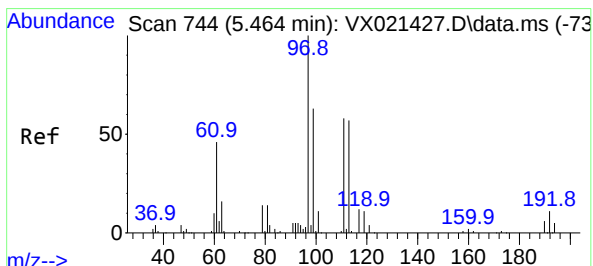
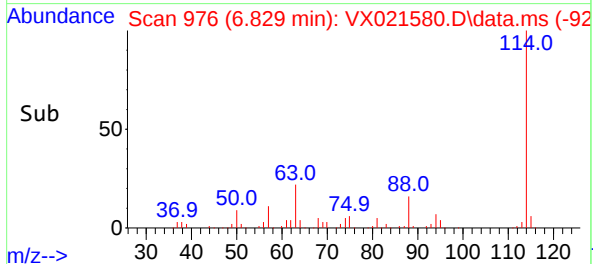
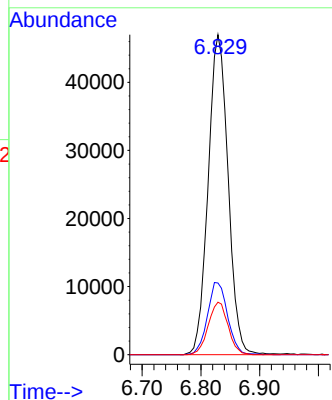
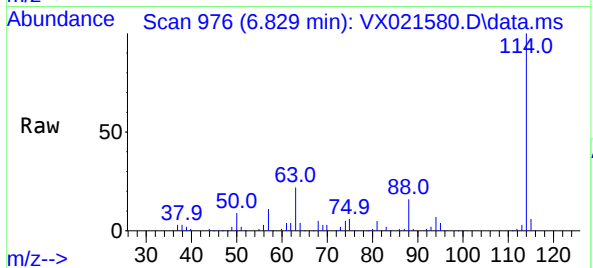




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

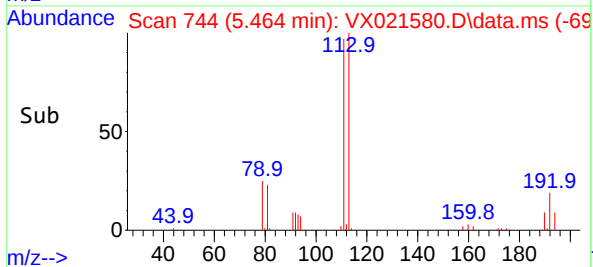
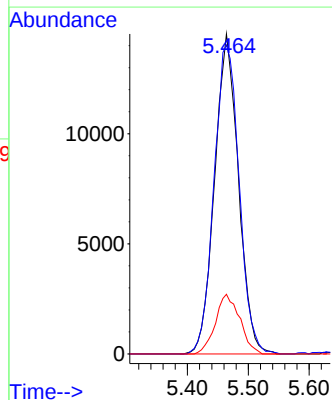
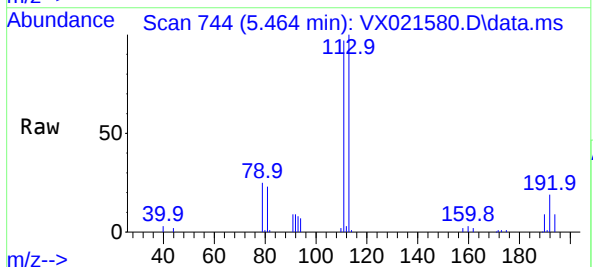
Instrument :
MSVOA_X
ClientSampleId :
MW-3R

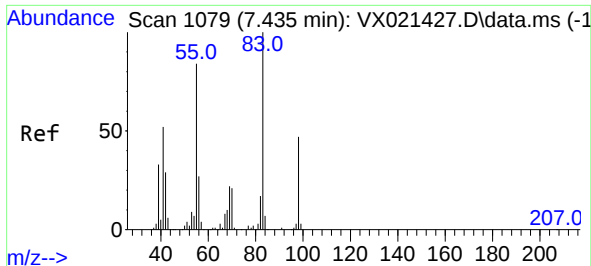
Tgt Ion:114 Resp: 110895
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.03 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion:113 Resp: 39411
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.1 16.7 25.1





#39

Methylcyclohexane

Concen: 1.06 ug/l

RT: 7.435 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX021580.D

Acq: 29 Mar 2021 16:26

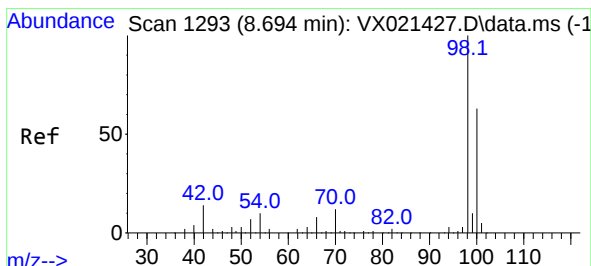
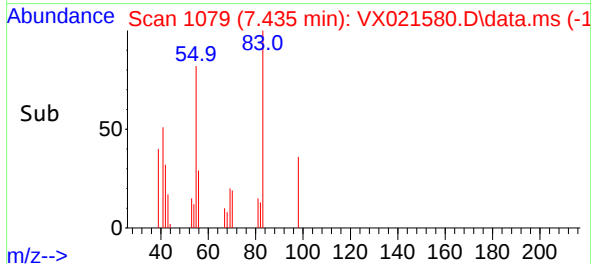
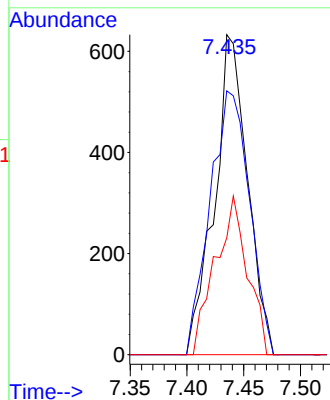
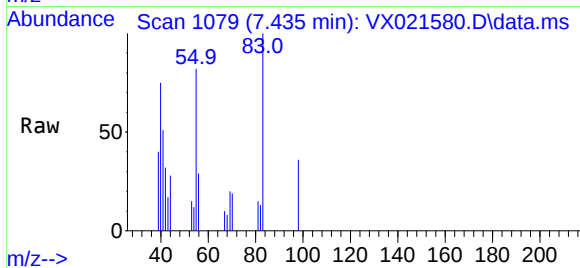
Instrument :

MSVOA_X

ClientSampleId :

MW-3R

Tgt Ion:	83	Resp:	1280
Ion	Ratio	Lower	Upper
83	100		
55	82.5	58.9	88.3
98	36.5	38.1	57.1#



#50

Toluene-d8

Concen: 50.07 ug/l

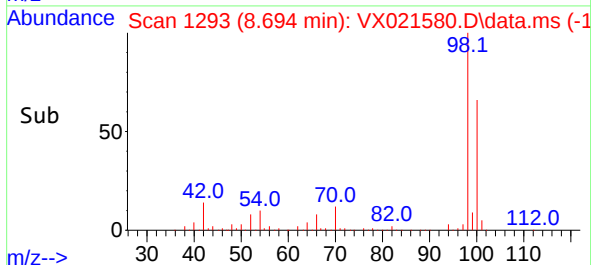
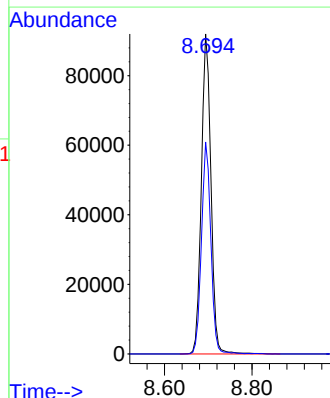
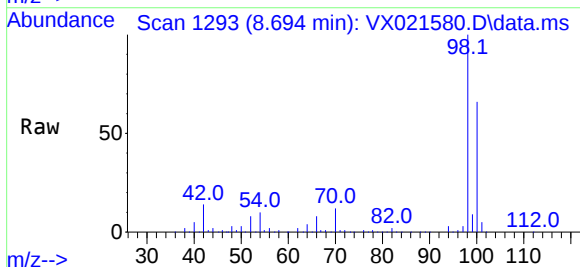
RT: 8.694 min Scan# 1293

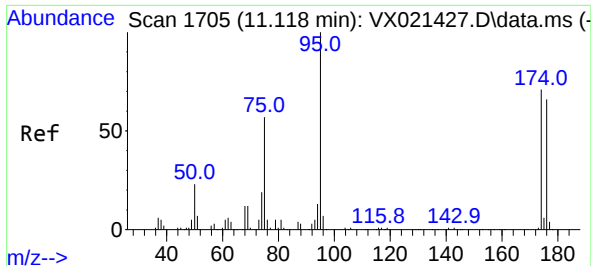
Delta R.T. -0.000 min

Lab File: VX021580.D

Acq: 29 Mar 2021 16:26

Tgt Ion:	98	Resp:	140546
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9

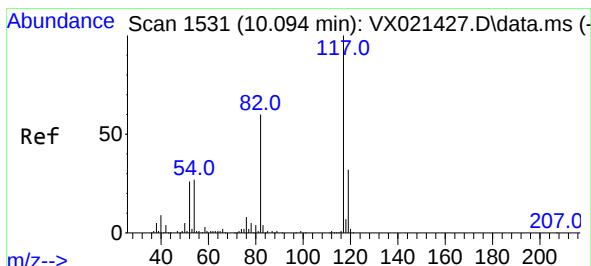
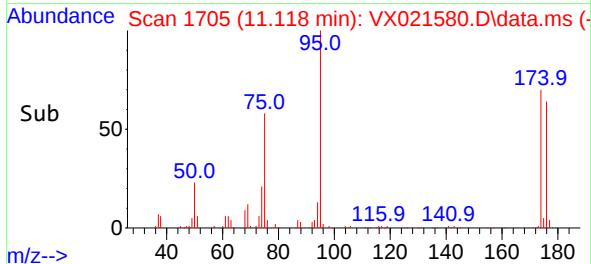
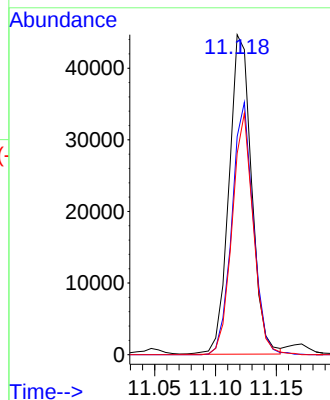
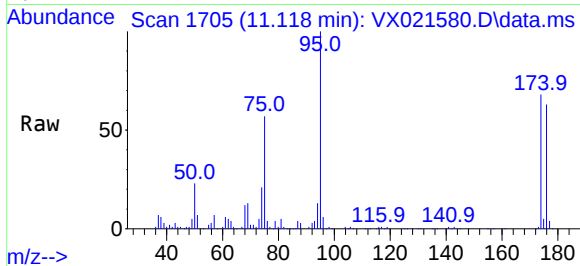




#62
4-Bromofluorobenzene
Concen: 52.79 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

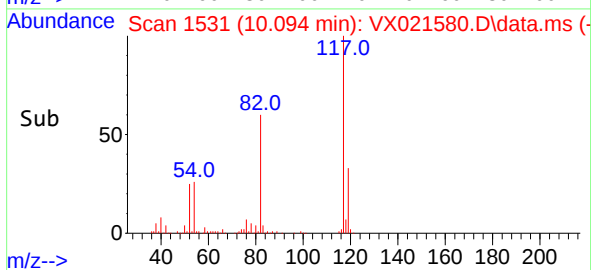
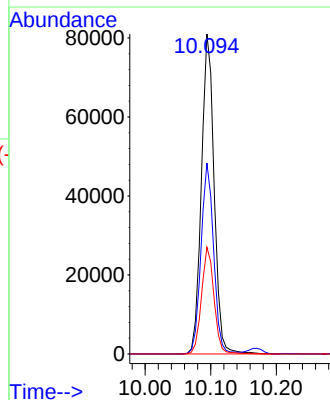
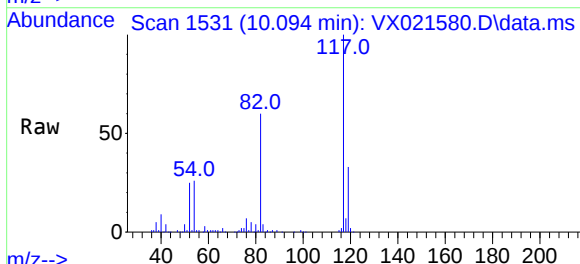
Instrument :
MSVOA_X
ClientSampled :
MW-3R

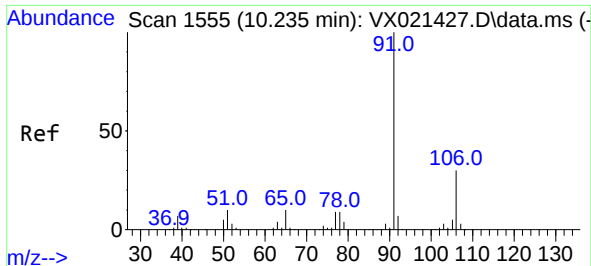
Tgt Ion: 95 Resp: 57611
Ion Ratio Lower Upper
95 100
174 74.9 0.0 154.6
176 70.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 117 Resp: 109772
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 33.4 26.6 39.8

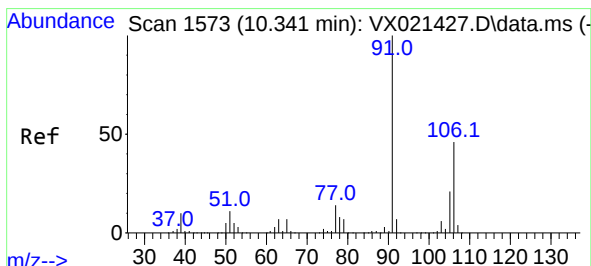
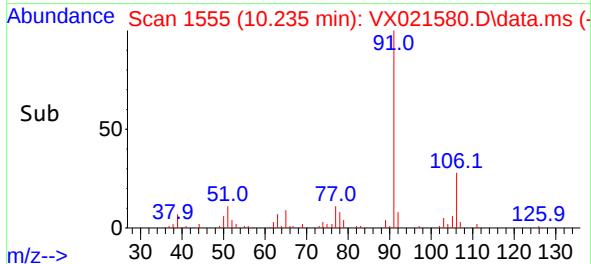
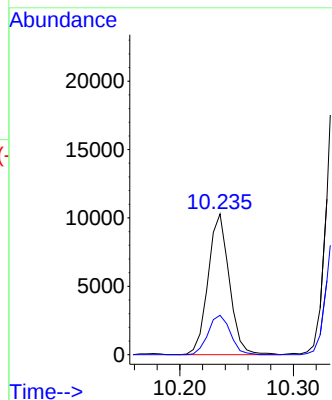
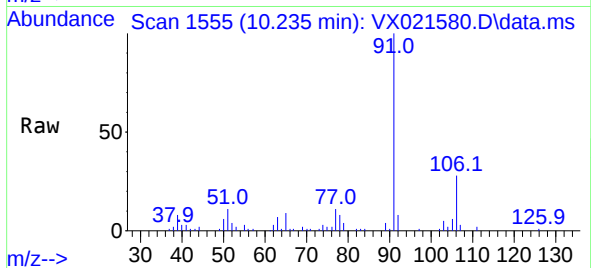




#67
Ethyl Benzene
Concen: 3.33 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

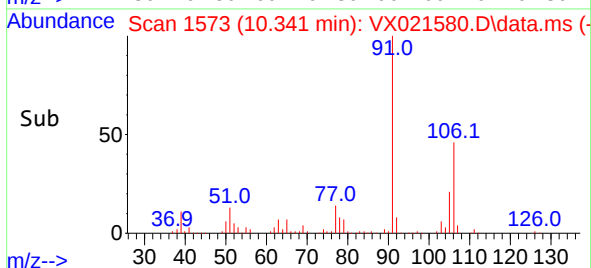
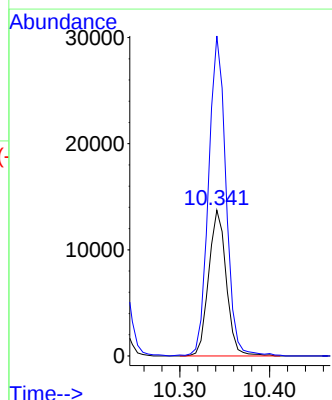
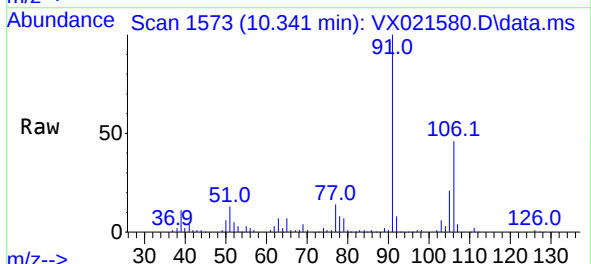
Instrument :
MSVOA_X
ClientSampled :
MW-3R

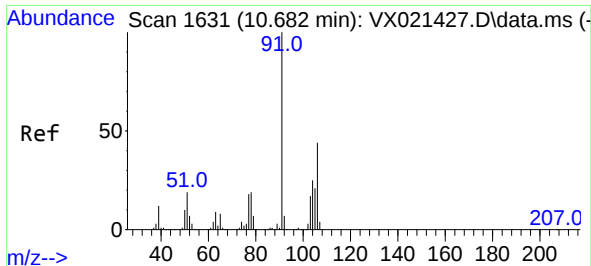
Tgt Ion: 91 Resp: 13370
Ion Ratio Lower Upper
91 100
106 27.9 24.6 37.0



#68
m/p-Xylenes
Concen: 13.07 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 106 Resp: 18714
Ion Ratio Lower Upper
106 100
91 217.2 162.8 244.2

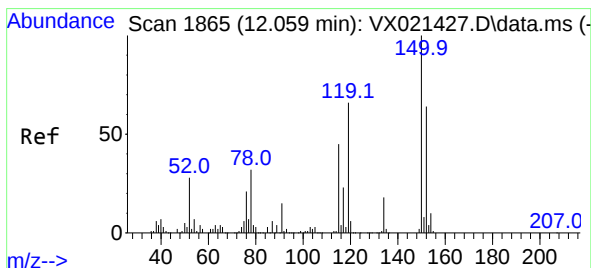
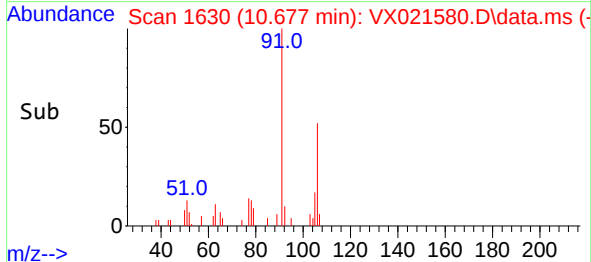
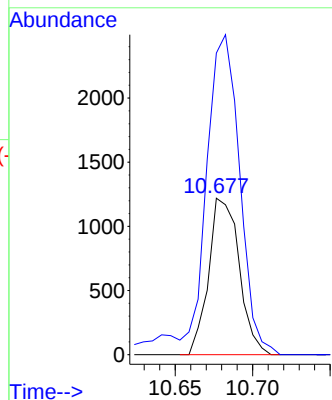
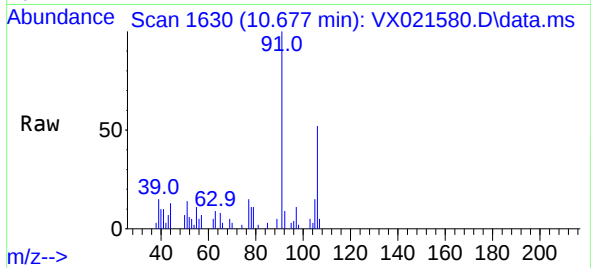




#69
o-Xylene
Concen: 1.20 ug/l
RT: 10.677 min Scan# 1630
Delta R.T. -0.005 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

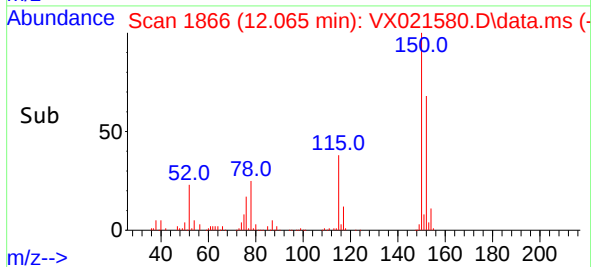
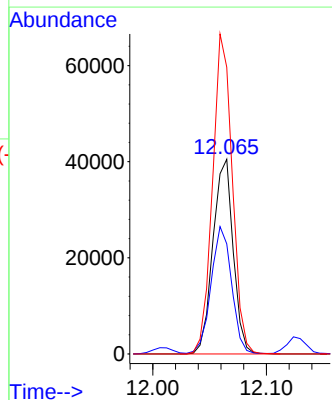
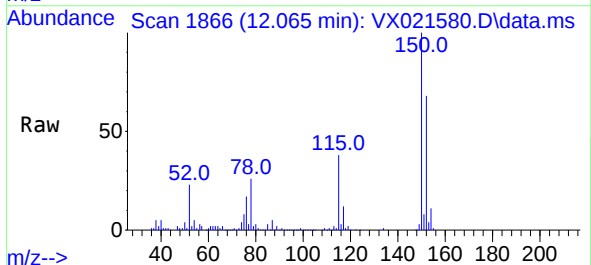
Instrument :
MSVOA_X
ClientSampled :
MW-3R

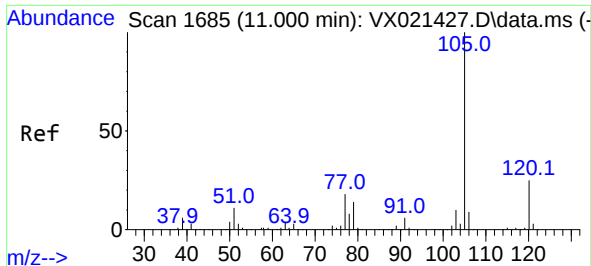
Tgt Ion:106 Resp: 1671
Ion Ratio Lower Upper
106 100
91 236.4 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion:152 Resp: 50223
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 159.7 0.0 349.0

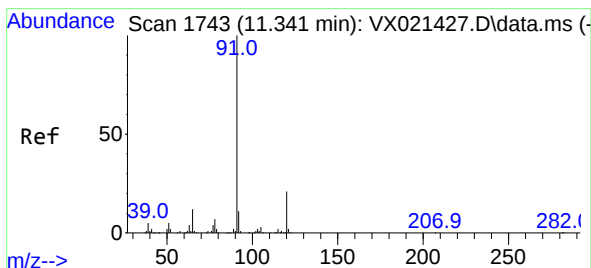
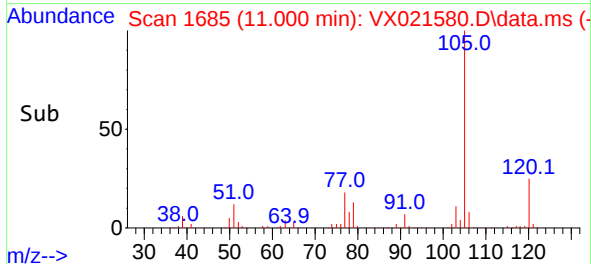
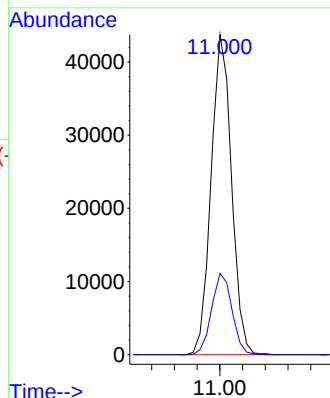
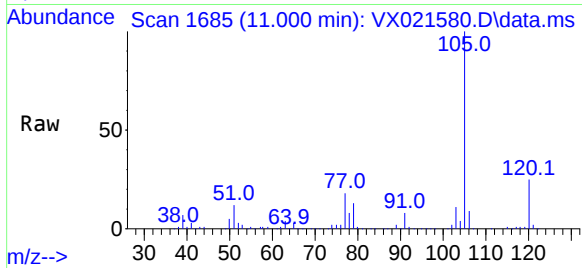




#73
Isopropylbenzene
Concen: 15.45 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

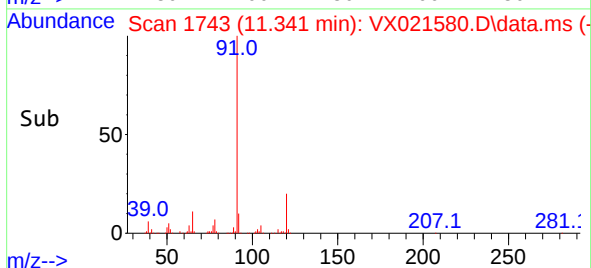
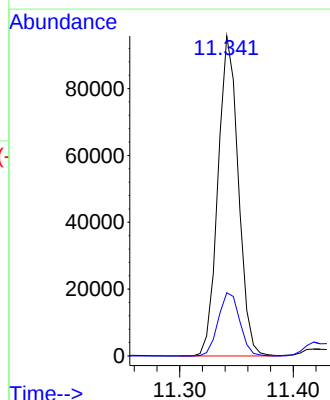
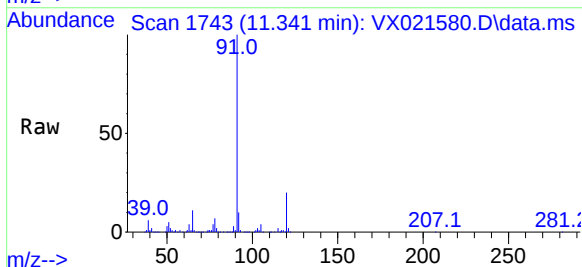
Instrument :
MSVOA_X
ClientSampled :
MW-3R

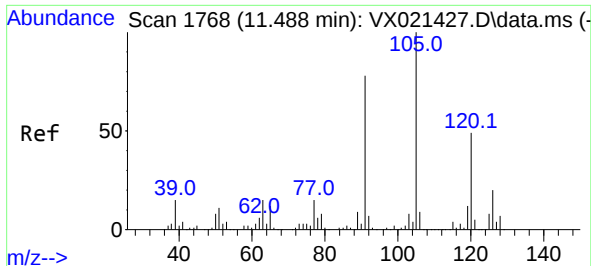
Tgt Ion:105 Resp: 54510
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.6



#78
n-propylbenzene
Concen: 28.61 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 91 Resp: 119235
Ion Ratio Lower Upper
91 100
120 20.9 11.5 34.5

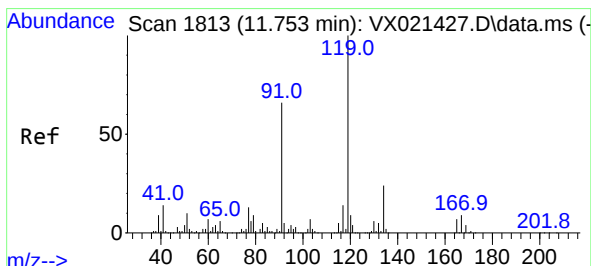
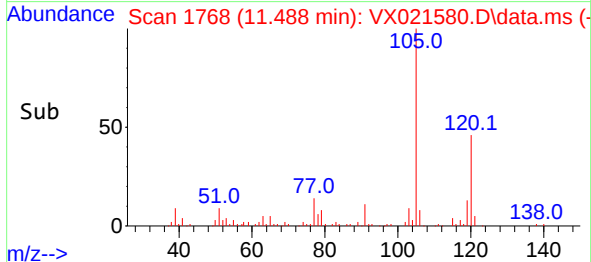
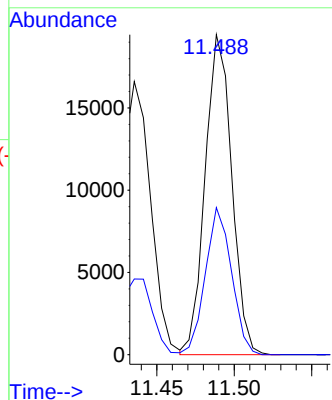
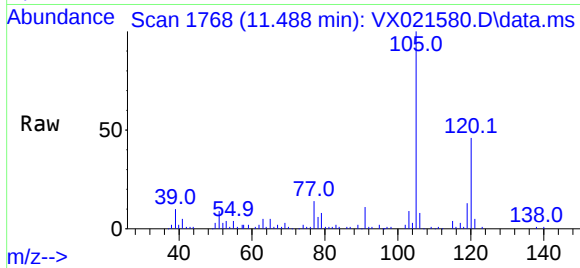




#80
1,3,5-Trimethylbenzene
Concen: 7.72 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

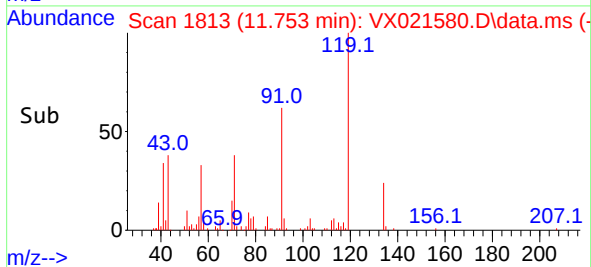
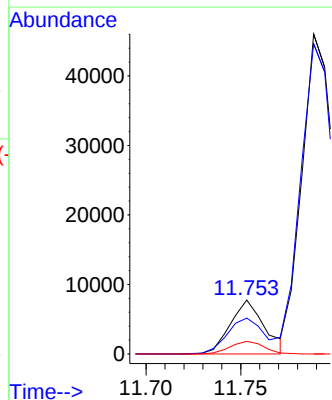
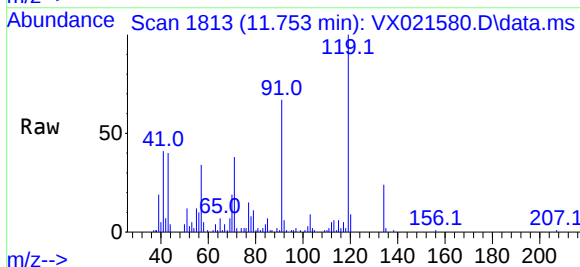
Instrument :
MSVOA_X
ClientSampled :
MW-3R

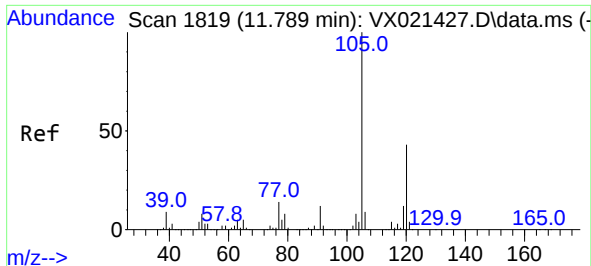
Tgt Ion:105 Resp: 23261
Ion Ratio Lower Upper
105 100
120 45.2 23.8 71.5



#83
tert-Butylbenzene
Concen: 3.29 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion:119 Resp: 9665
Ion Ratio Lower Upper
119 100
91 69.2 27.9 83.7
134 23.1 11.3 33.9

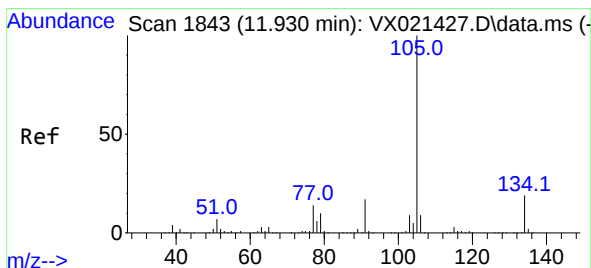
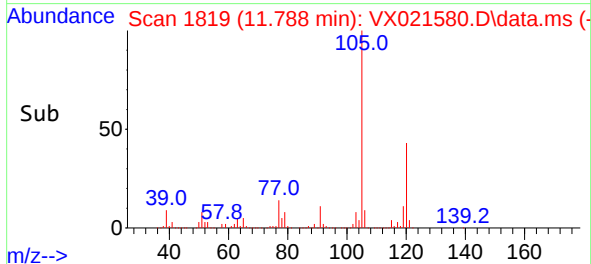
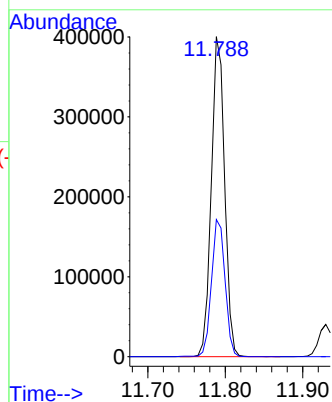
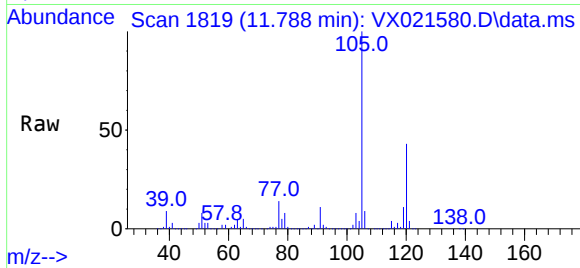




#84
1,2,4-Trimethylbenzene
Concen: 156.93 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

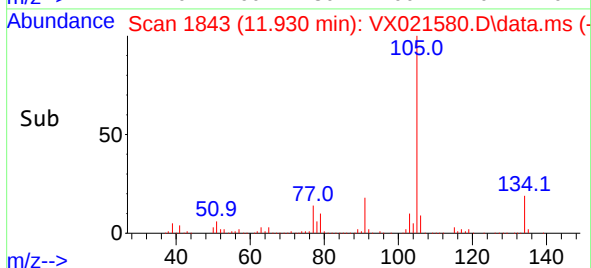
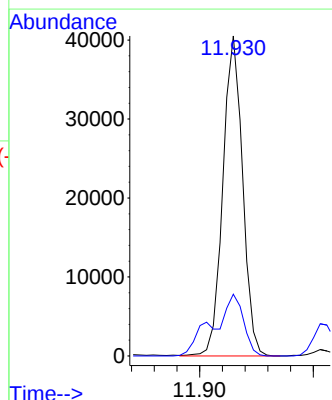
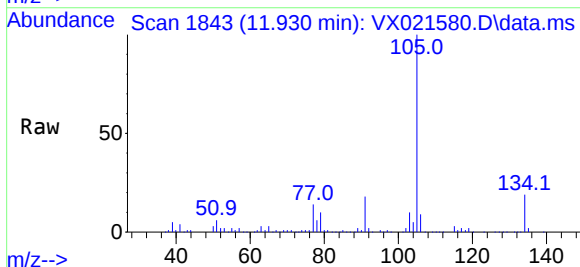
Instrument :
MSVOA_X
ClientSampled :
MW-3R

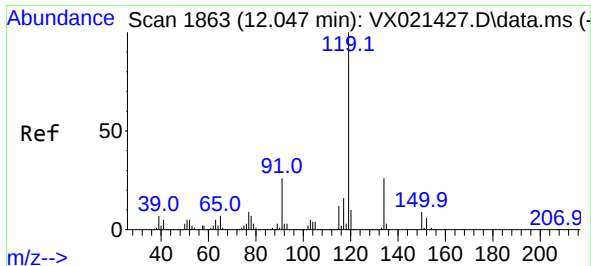
Tgt Ion:105 Resp: 476928
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.3



#85
sec-Butylbenzene
Concen: 14.43 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion:105 Resp: 48871
Ion Ratio Lower Upper
105 100
134 19.8 10.0 29.8

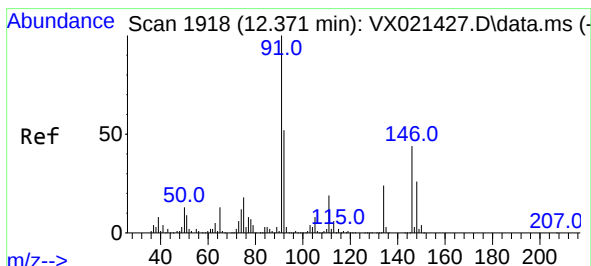
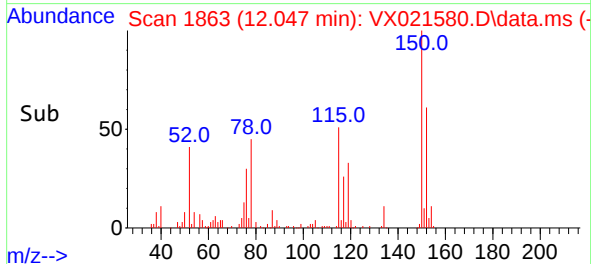
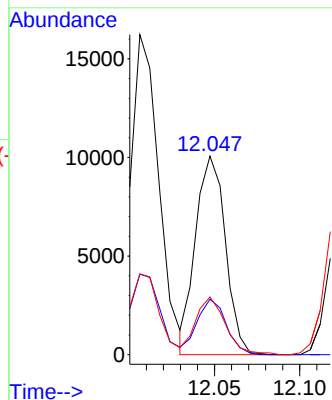
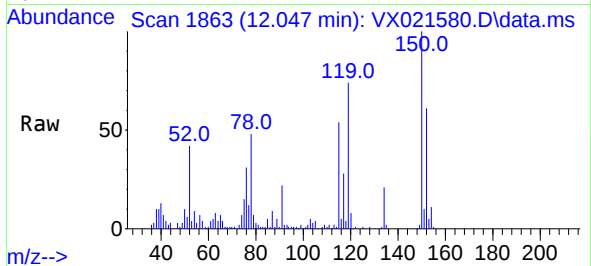




#86
p-Isopropyltoluene
Concen: 3.97 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

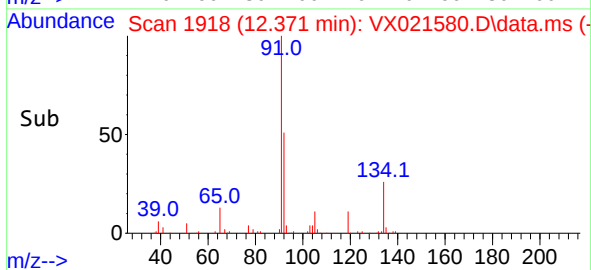
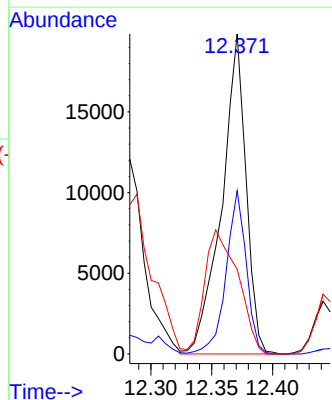
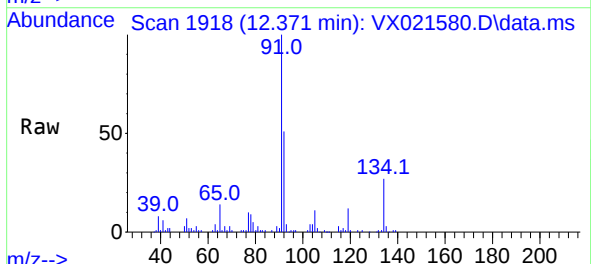
Instrument :
MSVOA_X
ClientSampleId :
MW-3R

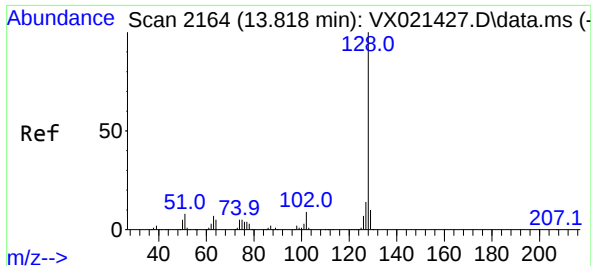
Tgt Ion:119 Resp: 12246
Ion Ratio Lower Upper
119 100
134 27.3 12.9 38.7
91 29.1 11.7 35.0



#89
n-Butylbenzene
Concen: 9.77 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Tgt Ion: 91 Resp: 27595
Ion Ratio Lower Upper
91 100
92 42.3 27.4 82.0
134 52.9 13.2 39.5#





#95
Naphthalene
Concen: 0.75 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021580.D
Acq: 29 Mar 2021 16:26

Instrument :
MSVOA_X
ClientSampleId :
MW-3R

Tgt Ion:	128	Resp:	2459
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	9.6	8.8	13.2

