

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021581.D
 Acq On : 29 Mar 2021 16:49
 Operator : JC/MD
 Sample : M1785-16 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

Quant Time: Mar 30 03:29:50 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)

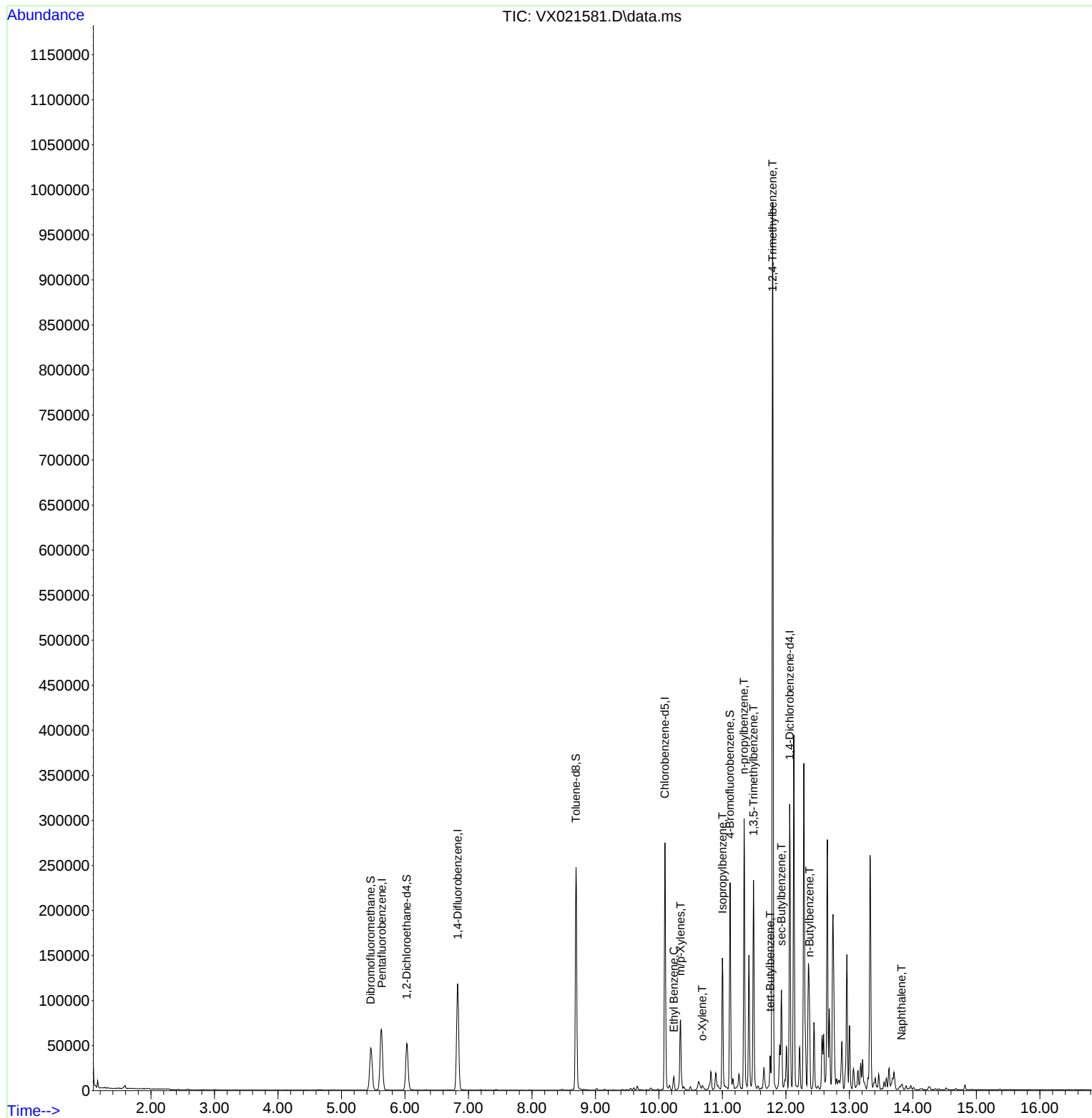
Internal Standards						
1) Pentafluorobenzene	5.635	168	59069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51531	52.43	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.86%
35) Dibromofluoromethane	5.458	113	39089	50.44	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.88%
50) Toluene-d8	8.694	98	141273	51.16	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.32%
62) 4-Bromofluorobenzene	11.118	95	61713	57.48	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.96%
Target Compounds						
67) Ethyl Benzene	10.235	91	7541	1.81	ug/l	100
68) m/p-Xylenes	10.341	106	15868	10.70	ug/l	91
69) o-Xylene	10.683	106	777	0.54	ug/l	100
73) Isopropylbenzene	11.000	105	71260	17.62	ug/l	98
78) n-propylbenzene	11.341	91	169749	35.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	92006	26.63	ug/l	98
83) tert-Butylbenzene	11.753	119	10605	3.15	ug/l	81
84) 1,2,4-Trimethylbenzene	11.789	105	405761	116.52	ug/l	98
85) sec-Butylbenzene	11.930	105	52653	13.57	ug/l	80
89) n-Butylbenzene	12.371	91	43017	13.29	ug/l #	72
95) Naphthalene	13.818	128	2347	0.63	ug/l #	93

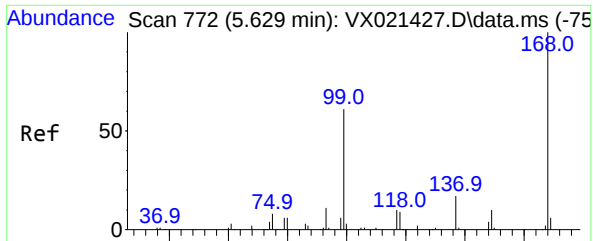
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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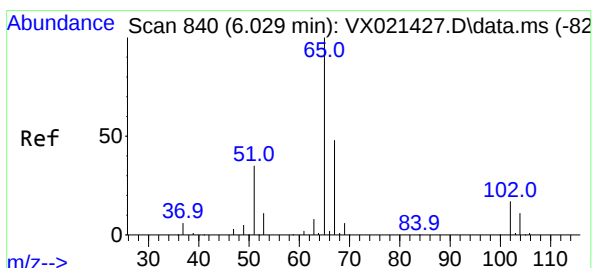
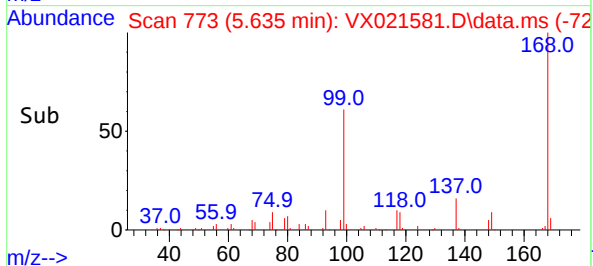
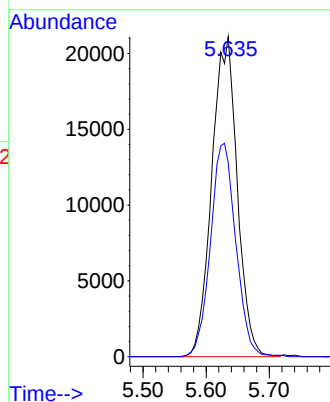
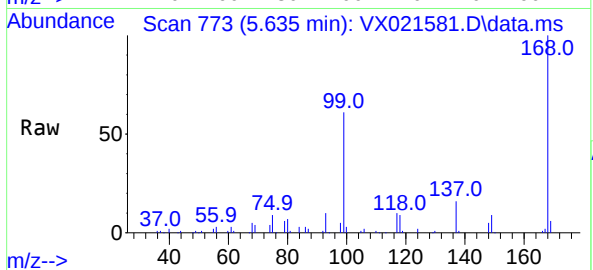




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

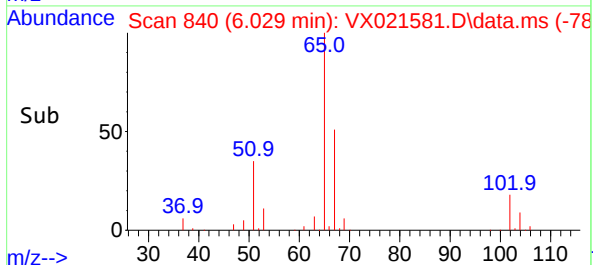
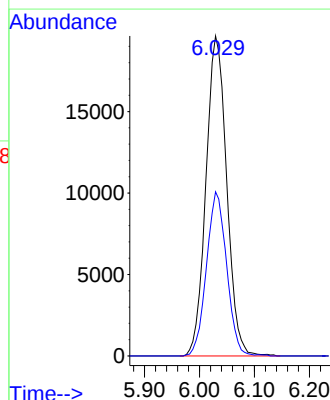
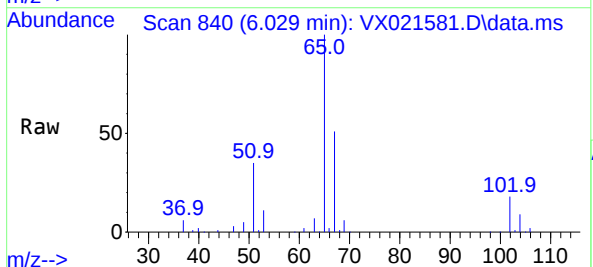
Instrument :
MSVOA_X
ClientSampled :
MW-5R

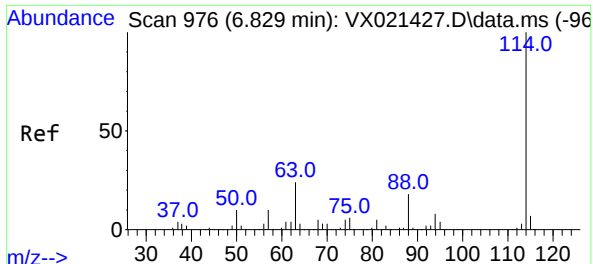
Tgt Ion:168 Resp: 59069
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 65 Resp: 51531
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

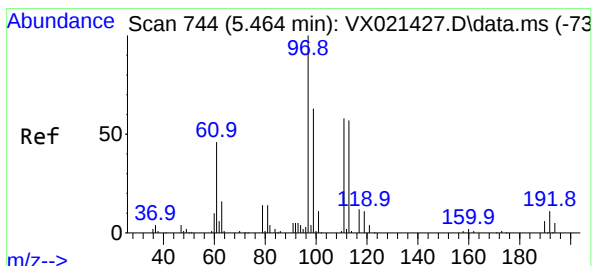
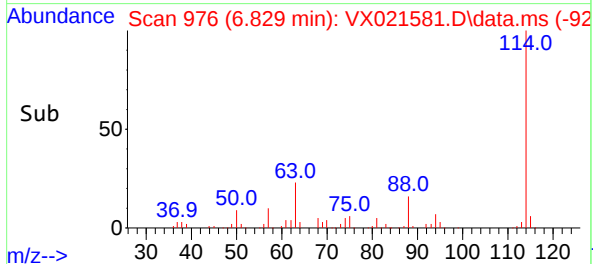
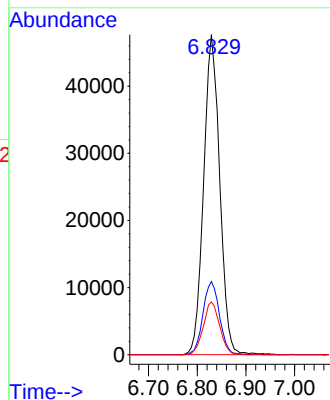
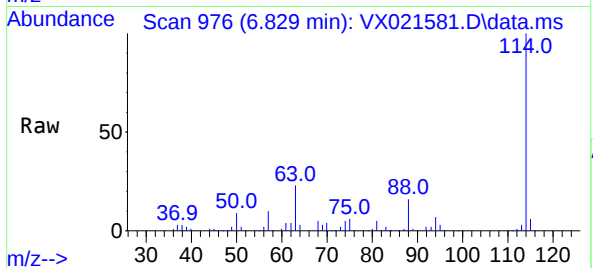




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

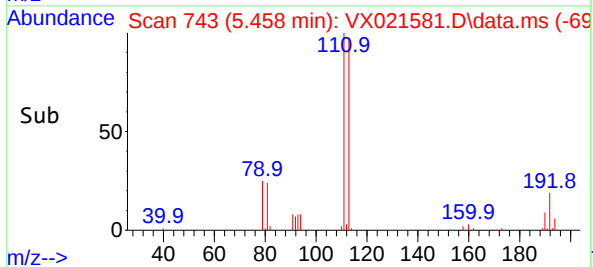
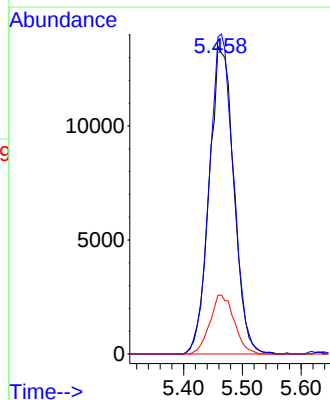
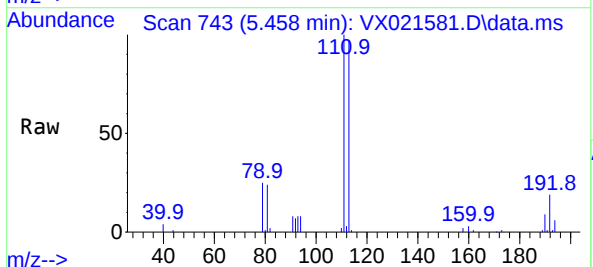
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

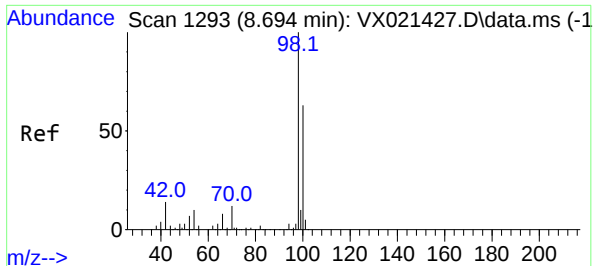
Tgt Ion:114 Resp: 109090
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.44 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion:113 Resp: 39089
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.0 16.7 25.1

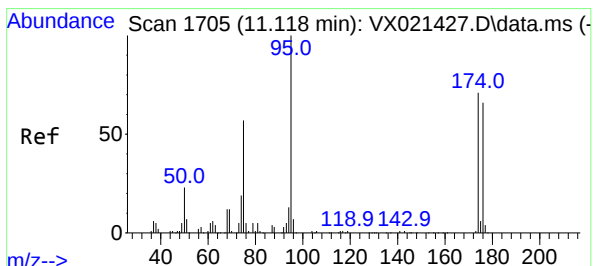
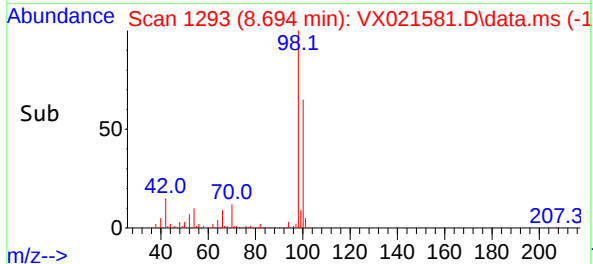
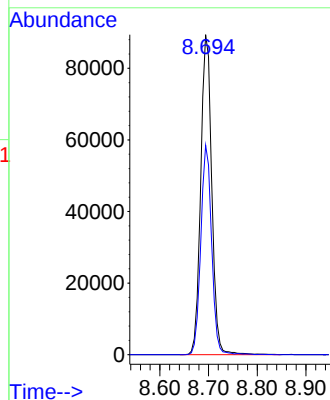
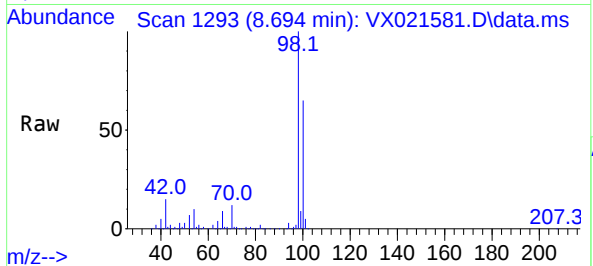




#50
Toluene-d8
Concen: 51.16 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

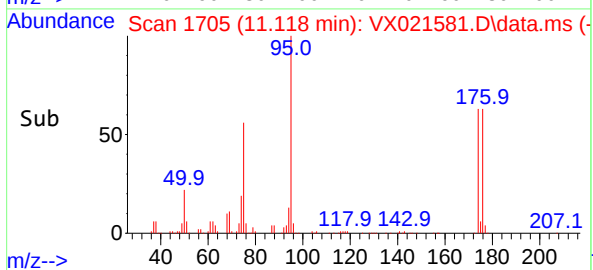
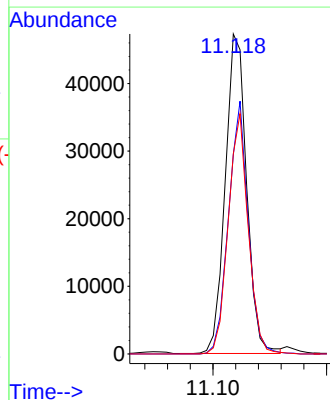
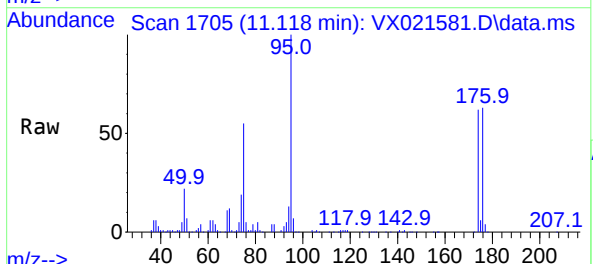
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

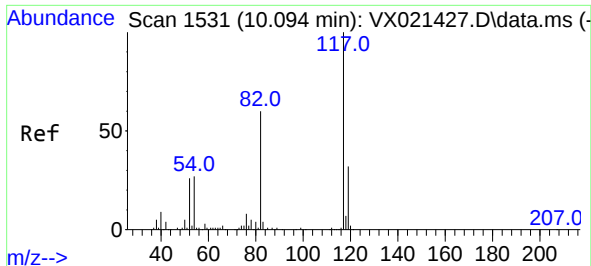
Tgt Ion: 98 Resp: 141273
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.48 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 95 Resp: 61713
Ion Ratio Lower Upper
95 100
174 72.8 0.0 154.6
176 70.3 0.0 155.8

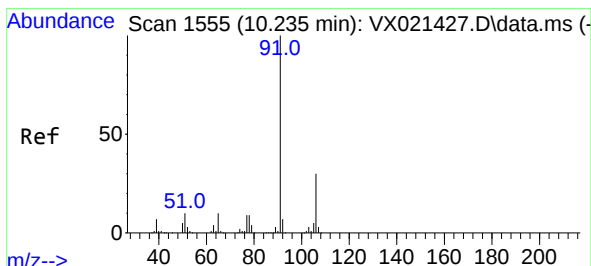
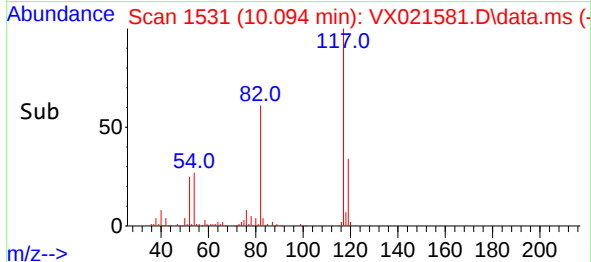
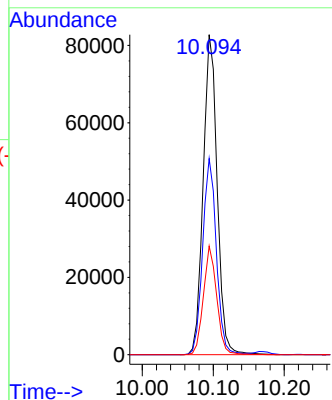
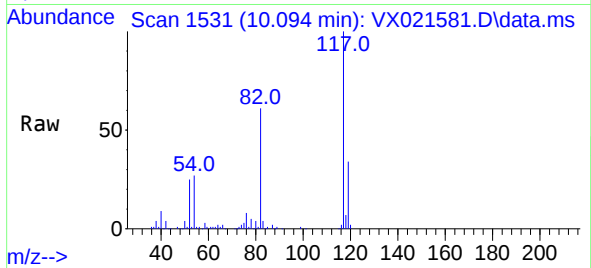




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

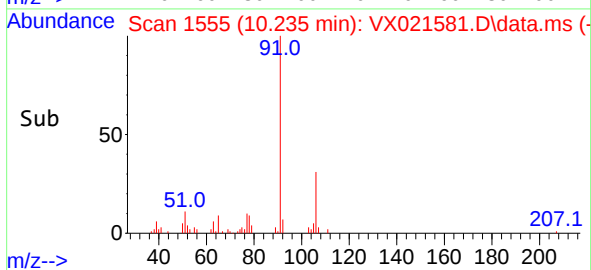
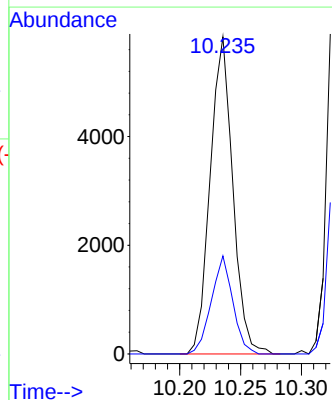
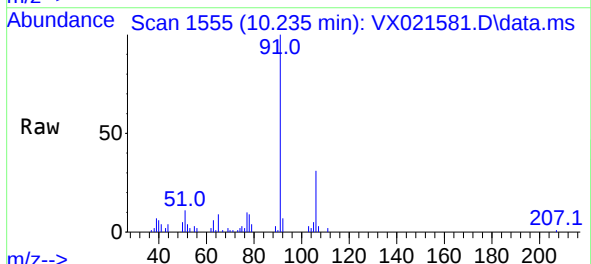
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

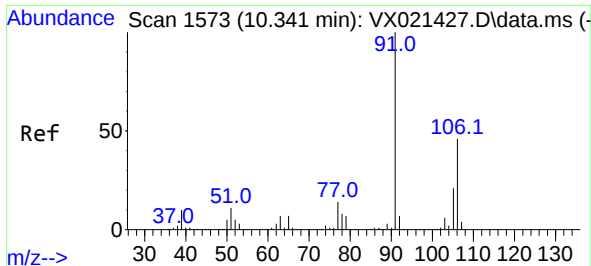
Tgt Ion:117 Resp: 113700
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 34.0 26.6 39.8



#67
Ethyl Benzene
Concen: 1.81 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 91 Resp: 7541
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

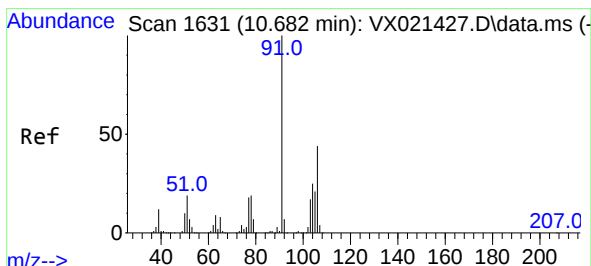
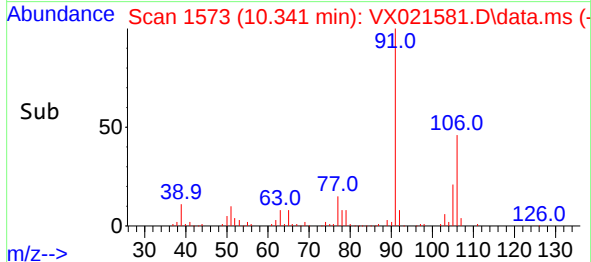
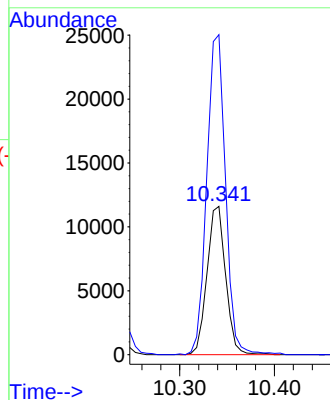
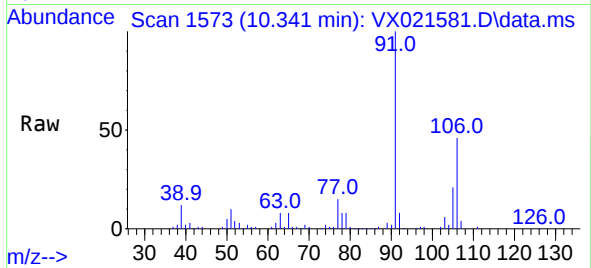




#68
m/p-Xylenes
Concen: 10.70 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

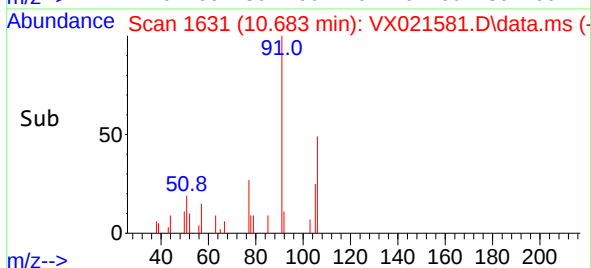
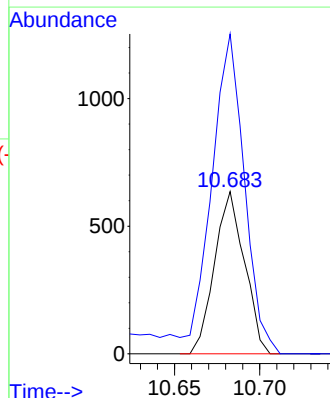
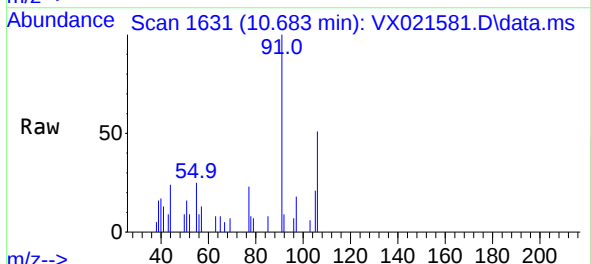
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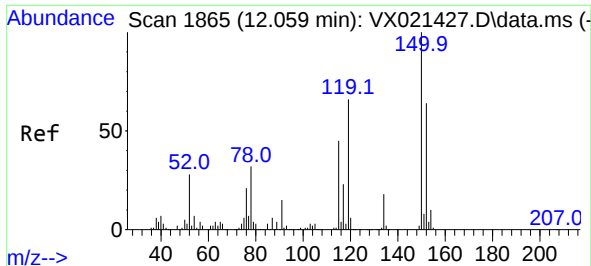
Tgt Ion:106 Resp: 15868
Ion Ratio Lower Upper
106 100
91 216.5 162.8 244.2



#69
o-Xylene
Concen: 0.54 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. 0.001 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion:106 Resp: 777
Ion Ratio Lower Upper
106 100
91 215.3 108.1 324.2

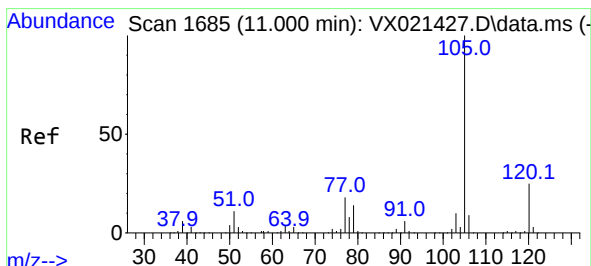
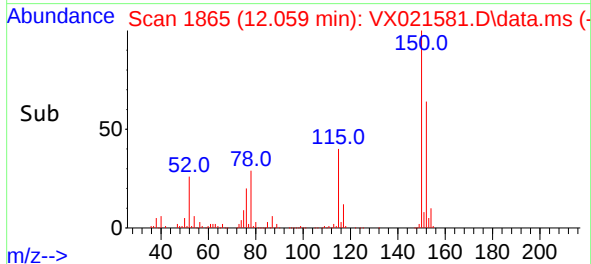
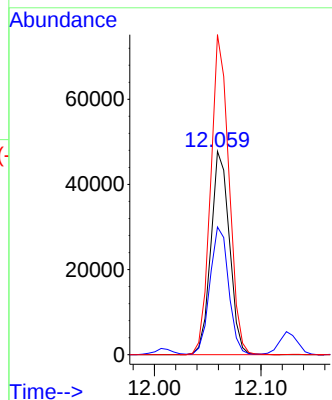
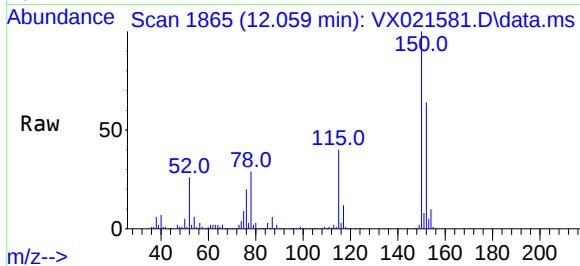




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

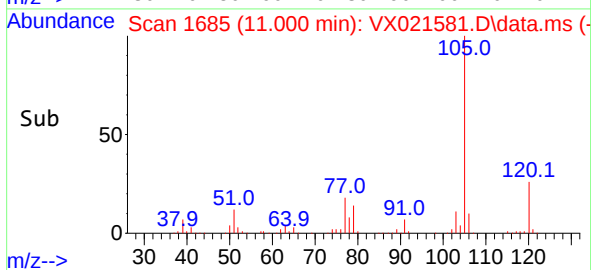
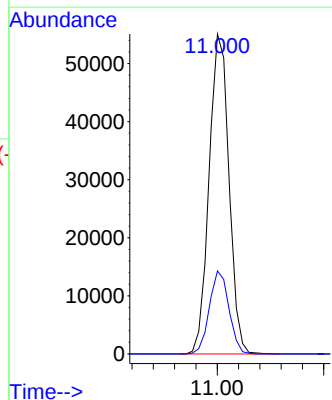
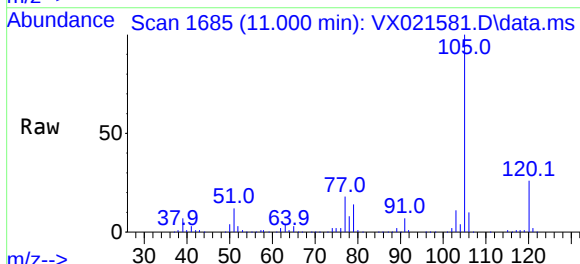
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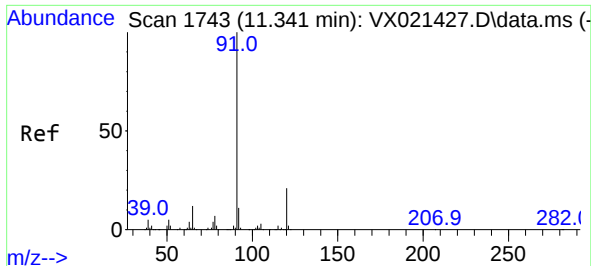
Tgt Ion:152 Resp: 57549
Ion Ratio Lower Upper
152 100
115 63.9 41.1 123.3
150 155.8 0.0 349.0



#73
Isopropylbenzene
Concen: 17.62 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion:105 Resp: 71260
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.6

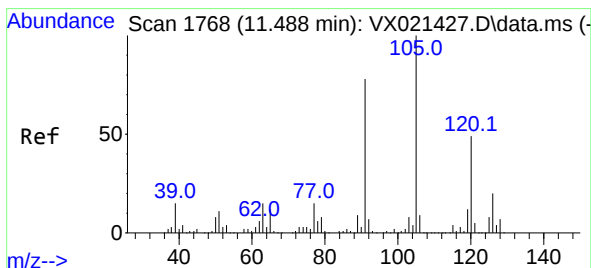
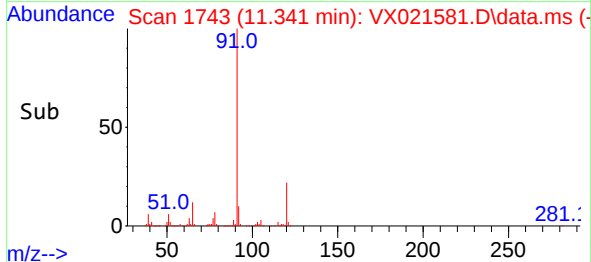
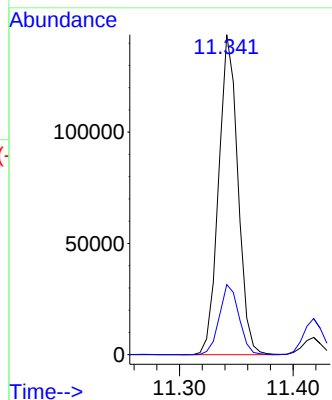
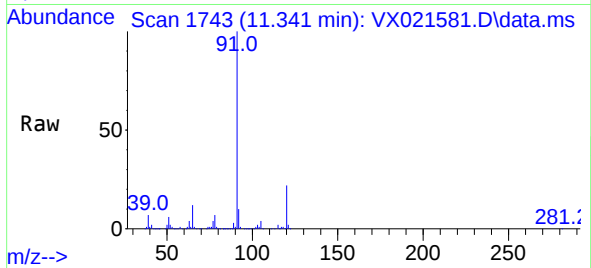




#78
n-propylbenzene
Concen: 35.55 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

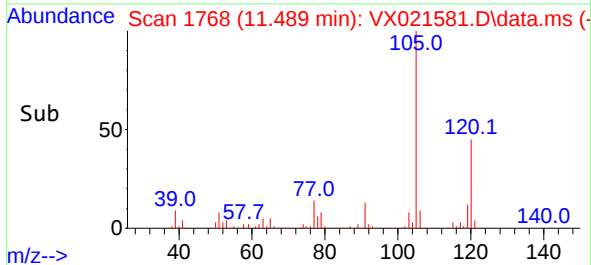
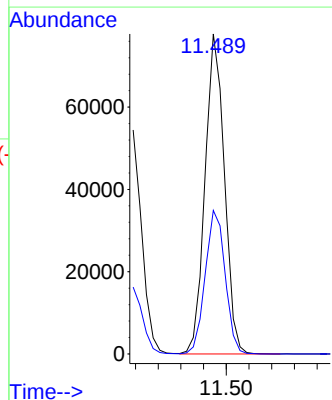
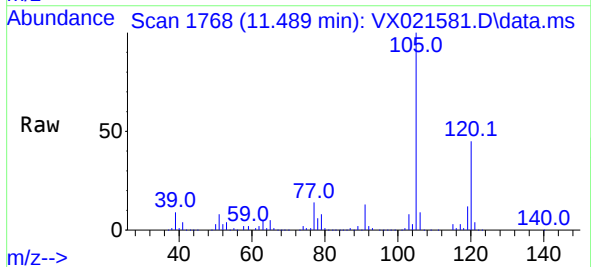
Instrument :
MSVOA_X
ClientSampled :
MW-5R

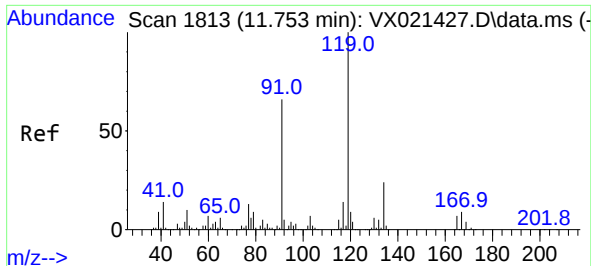
Tgt Ion: 91 Resp: 169749
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 26.63 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.001 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 105 Resp: 92006
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.5

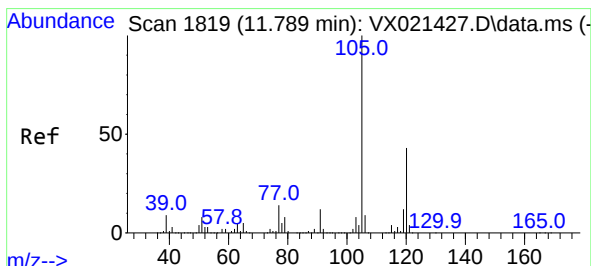
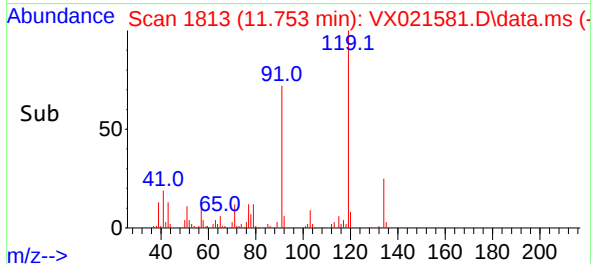
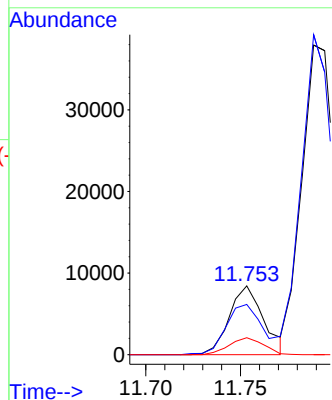
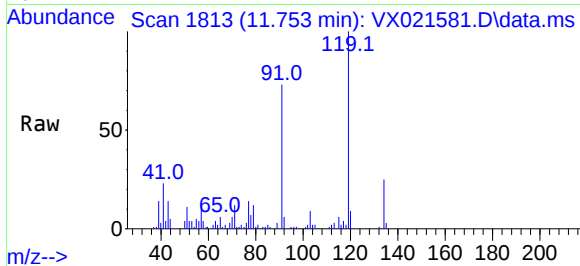




#83
tert-Butylbenzene
Concen: 3.15 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

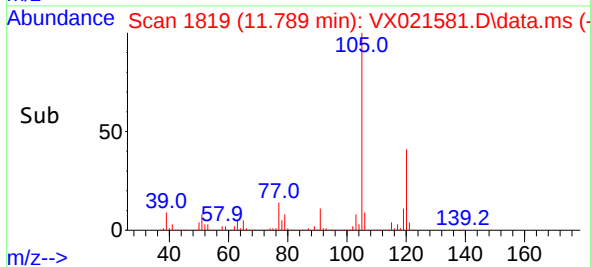
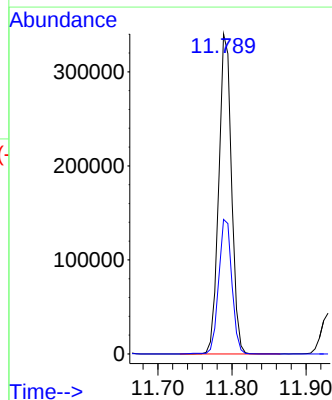
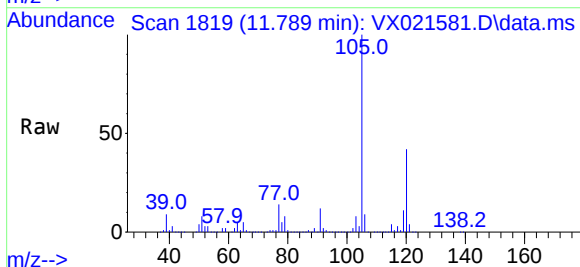
Instrument :
MSVOA_X
ClientSampled :
MW-5R

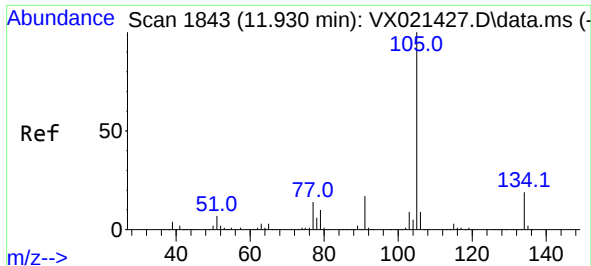
Tgt Ion:119 Resp: 10605
Ion Ratio Lower Upper
119 100
91 74.4 27.9 83.7
134 24.7 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 116.52 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Tgt Ion:105 Resp: 405761
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.3

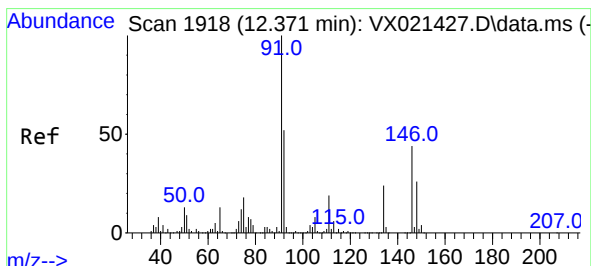
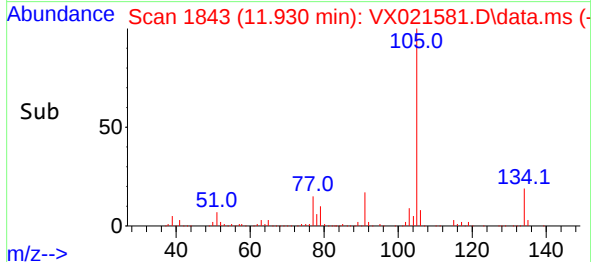
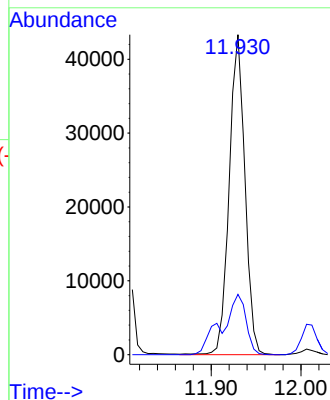
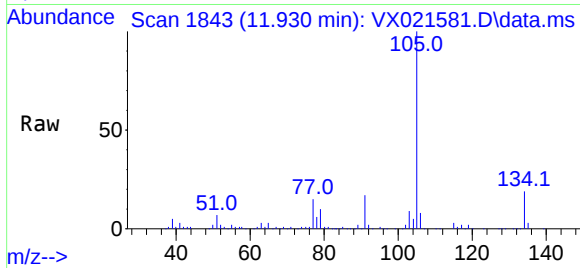




#85
sec-Butylbenzene
Concen: 13.57 ug/l
RT: 11.930 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

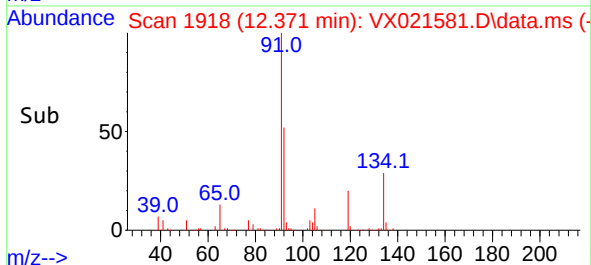
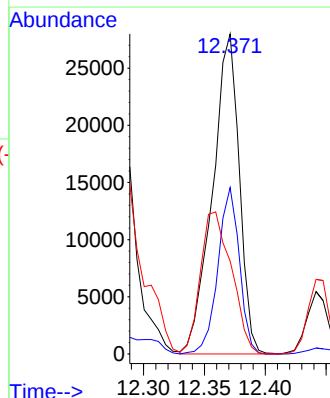
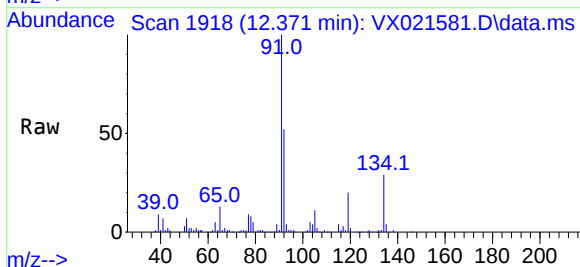
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

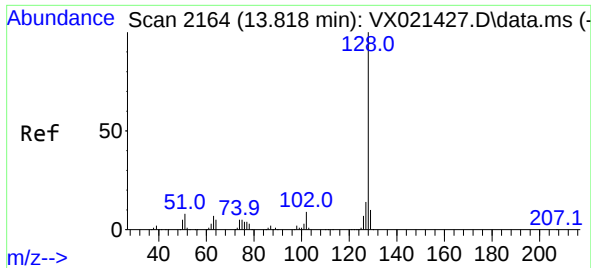
Tgt Ion:105 Resp: 52653
Ion Ratio Lower Upper
105 100
134 29.0 10.0 29.8



#89
n-Butylbenzene
Concen: 13.29 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

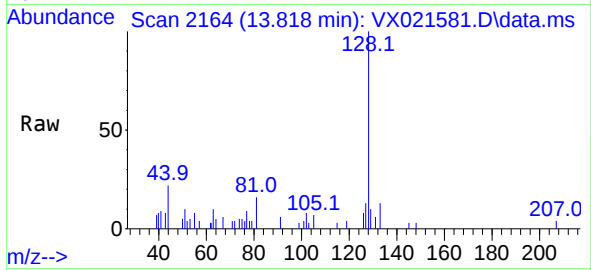
Tgt Ion: 91 Resp: 43017
Ion Ratio Lower Upper
91 100
92 41.6 27.4 82.0
134 51.2 13.2 39.5#





#95
Naphthalene
Concen: 0.63 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021581.D
Acq: 29 Mar 2021 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-5R



Tgt Ion:128 Resp: 2347
Ion Ratio Lower Upper
128 100
127 16.7 10.3 15.5#
129 12.4 8.8 13.2

