

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065433.D
 Acq On : 7 Jan 2021 17:44
 Operator : JC/MD
 Sample : M1022-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16790

Quant Time: Jan 08 01:20:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

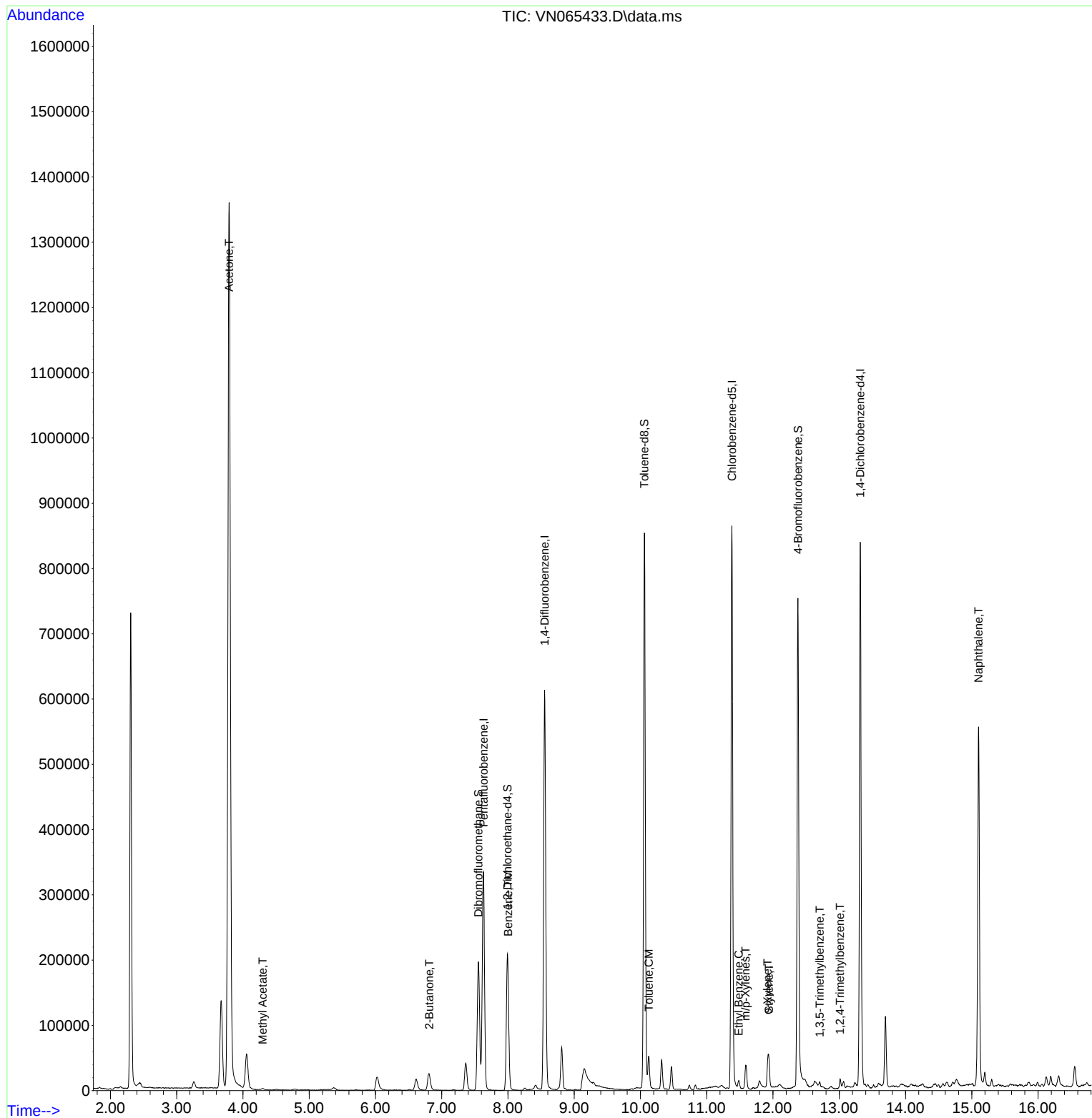
Internal Standards						
1) Pentafluorobenzene	7.630	168	306867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	502454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	537903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	250453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	171578	49.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.06%
35) Dibromofluoromethane	7.553	113	152972	50.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.92%
50) Toluene-d8	10.058	98	613940	54.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.08%
62) 4-Bromofluorobenzene	12.376	95	255462	56.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.30%
Target Compounds						
						Qvalue
16) Acetone	3.791	43	2272011	1621.92	ug/l	98
18) Methyl Acetate	4.299	43	4799	1.54	ug/l #	81
25) 2-Butanone	6.811	43	47239	24.29	ug/l	98
40) Benzene	8.003	78	23985	1.76	ug/l	98
52) Toluene	10.126	92	20069	2.34	ug/l	97
67) Ethyl Benzene	11.482	91	9489	0.48	ug/l	99
68) m/p-Xylenes	11.589	106	12186	1.64	ug/l	95
69) o-Xylene	11.920	106	8653	1.20	ug/l	95
70) Styrene	11.939	104	18894	1.57	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	3554	0.22	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	11107	0.70	ug/l	81
95) Naphthalene	15.103	128	496172	39.02	ug/l	100

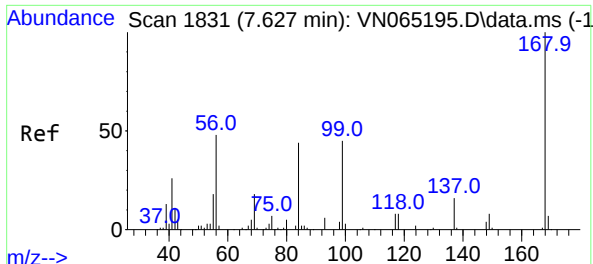
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
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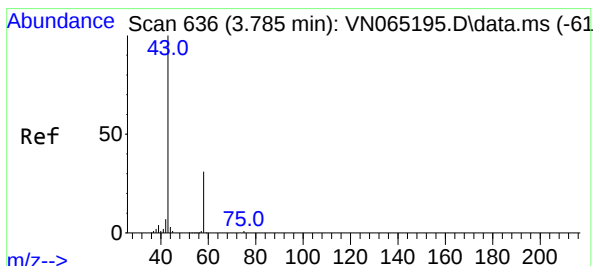
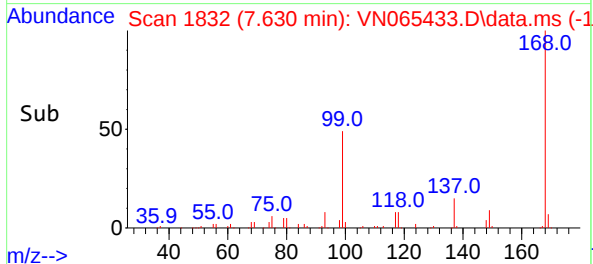
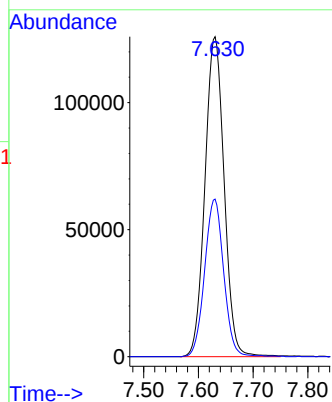
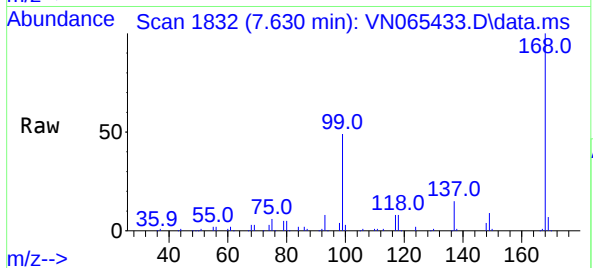




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

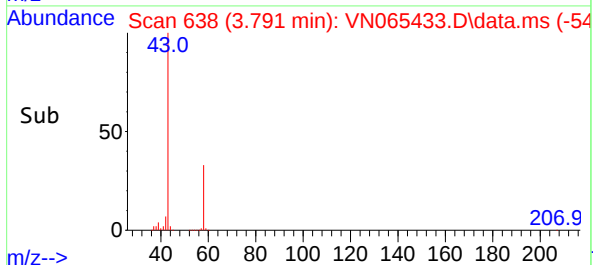
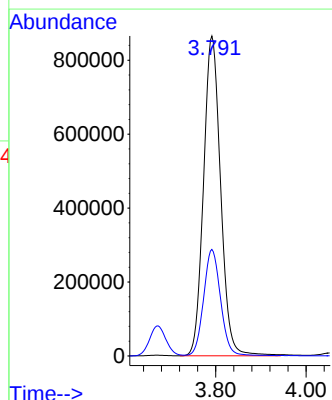
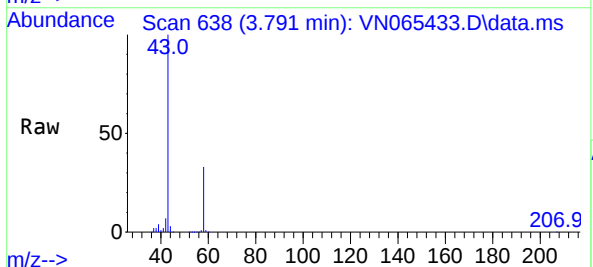
Instrument :
MSVOA_N
ClientSampleId :
16790

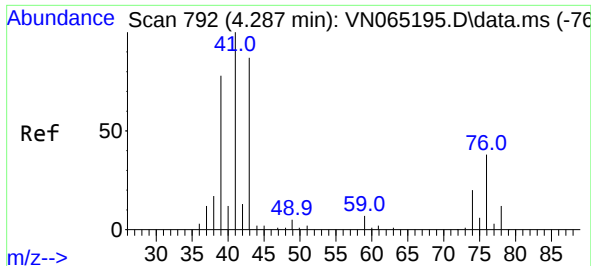
Tgt Ion:168 Resp: 306867
Ion Ratio Lower Upper
168 100
99 49.2 43.0 64.4



#16
Acetone
Concen: 1621.92 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion: 43 Resp: 2272011
Ion Ratio Lower Upper
43 100
58 33.2 25.7 38.5

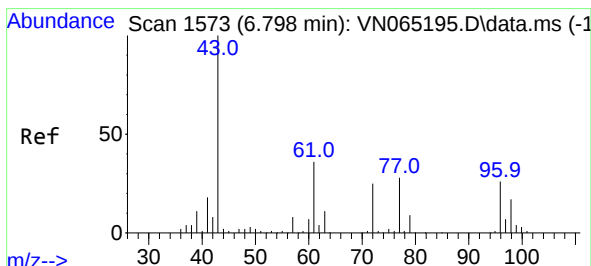
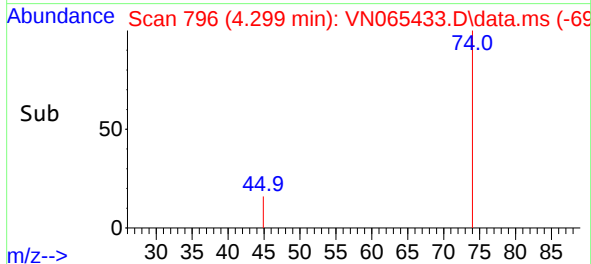
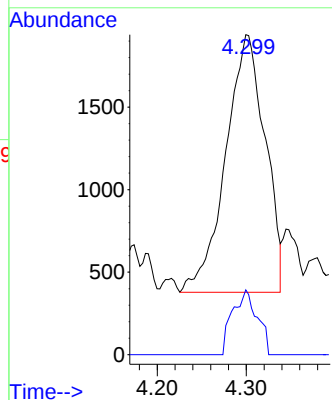
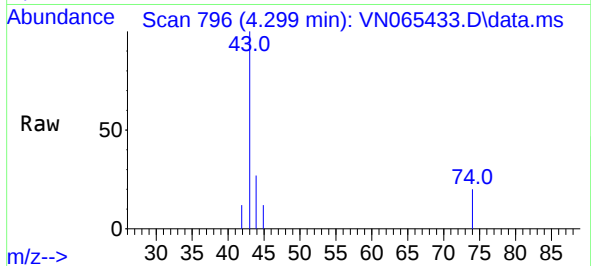




#18
Methyl Acetate
Concen: 1.54 ug/l
RT: 4.299 min Scan# 796
Delta R.T. 0.012 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

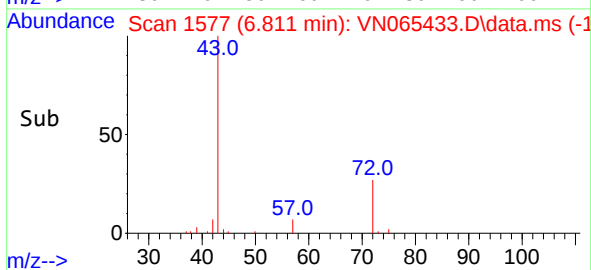
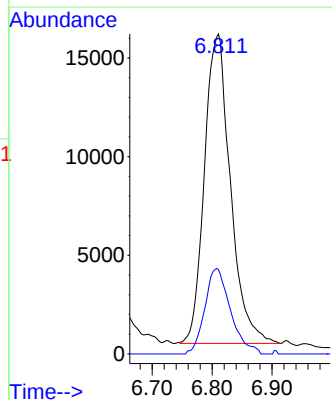
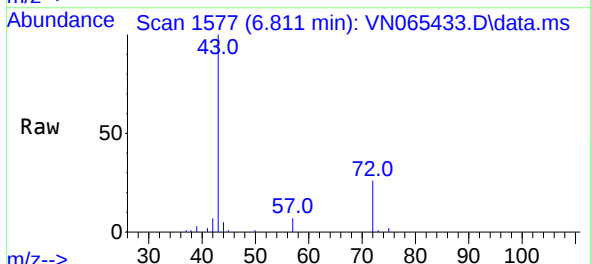
Instrument :
MSVOA_N
ClientSampleId :
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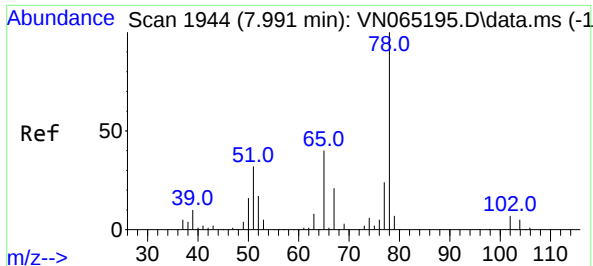
Tgt Ion: 43 Resp: 4799
Ion Ratio Lower Upper
43 100
74 15.8 20.2 30.2#



#25
2-Butanone
Concen: 24.29 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion: 43 Resp: 47239
Ion Ratio Lower Upper
43 100
72 27.3 21.0 31.6

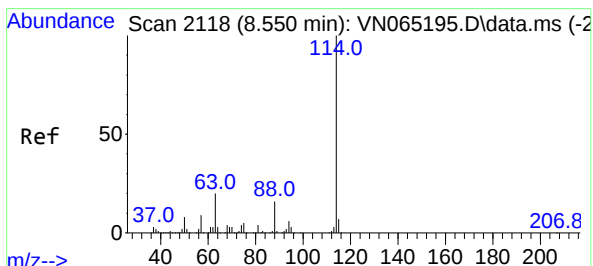
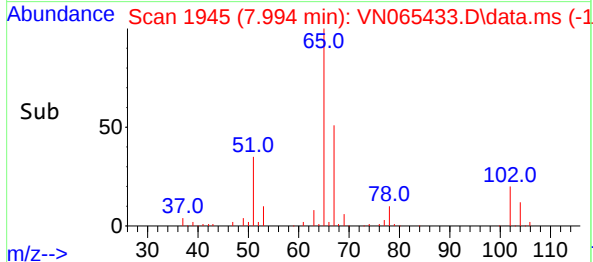
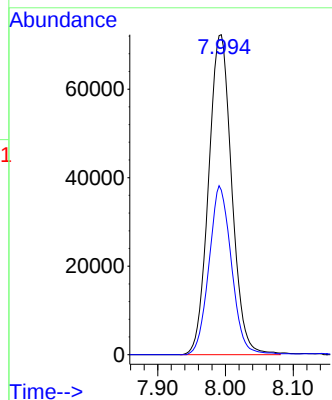
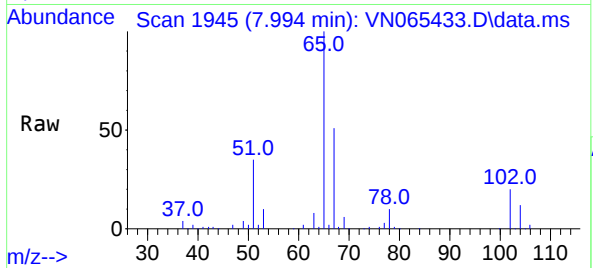




#33
1,2-Dichloroethane-d4
Concen: 49.53 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

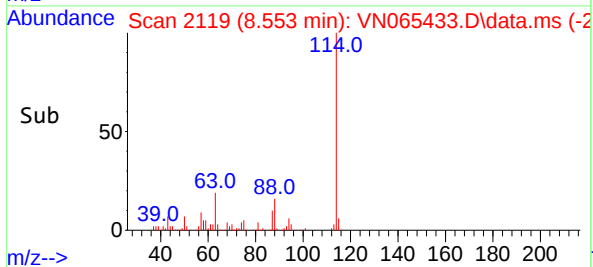
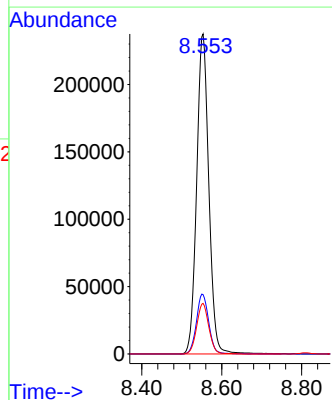
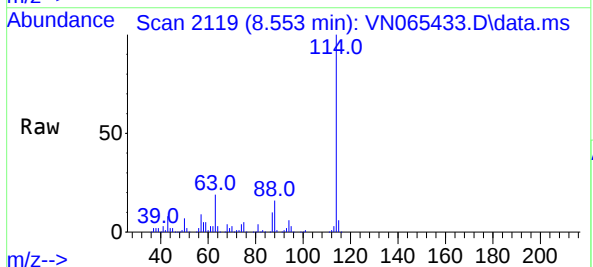
Instrument :
MSVOA_N
ClientSampleId :
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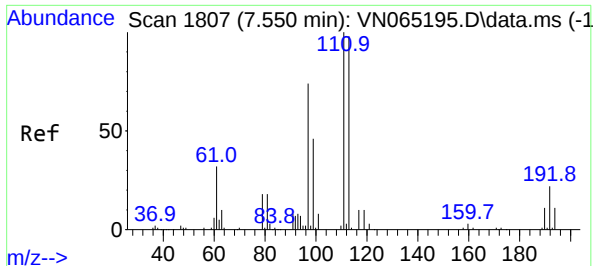
Tgt Ion: 65 Resp: 171578
Ion Ratio Lower Upper
65 100
67 51.2 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion: 114 Resp: 502454
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.6
88 15.8 0.0 32.6

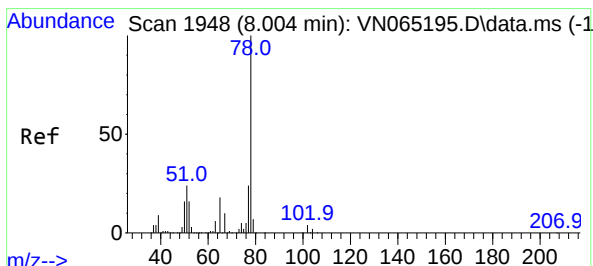
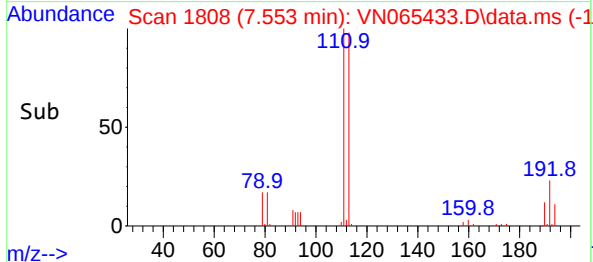
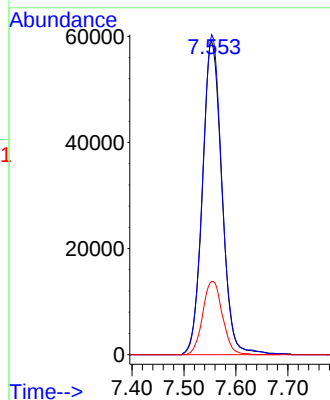
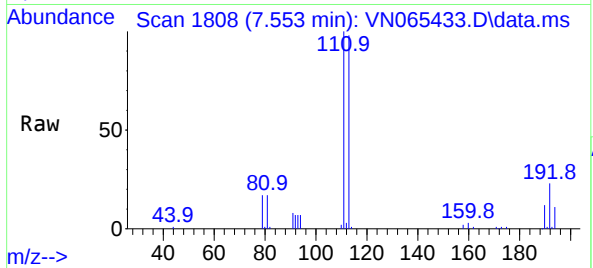




#35
Dibromofluoromethane
Concen: 50.46 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

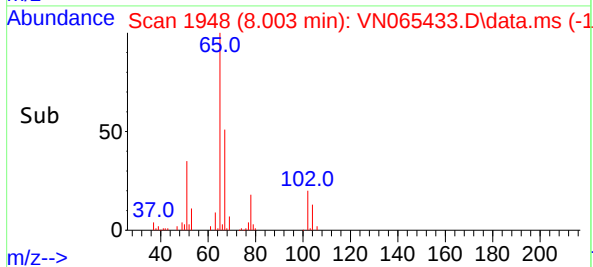
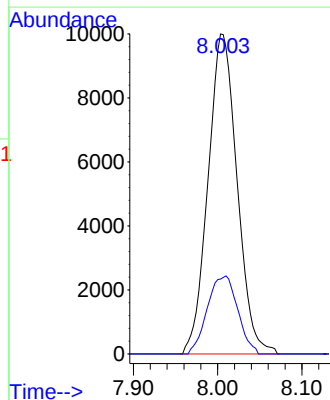
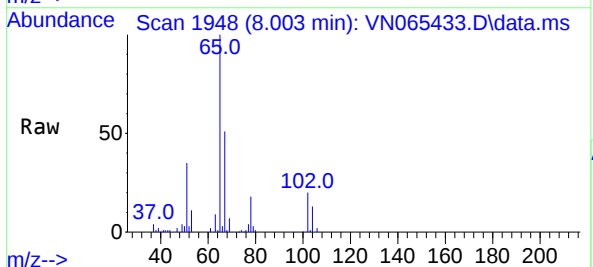
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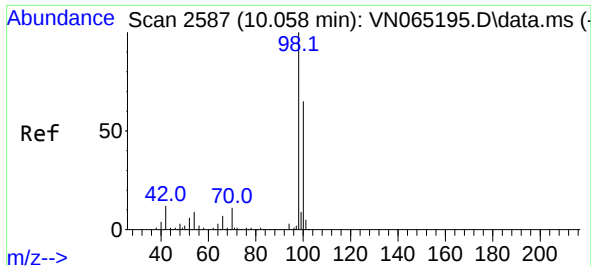
Tgt Ion:113 Resp: 152972
Ion Ratio Lower Upper
113 100
111 100.9 81.6 122.4
192 23.7 16.2 24.2



#40
Benzene
Concen: 1.76 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion: 78 Resp: 23985
Ion Ratio Lower Upper
78 100
77 23.4 17.9 26.9

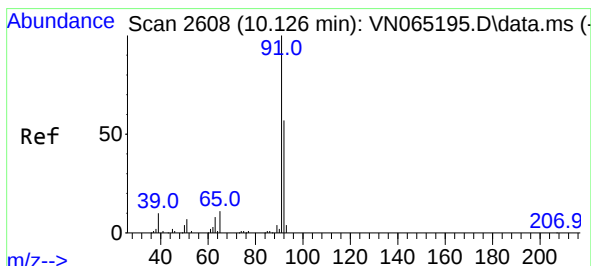
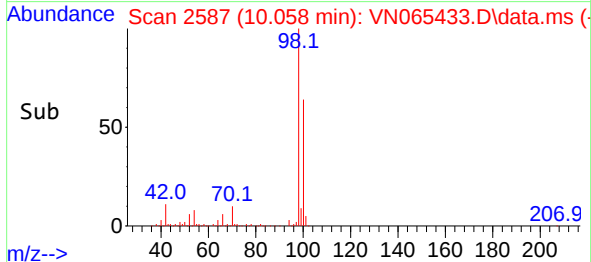
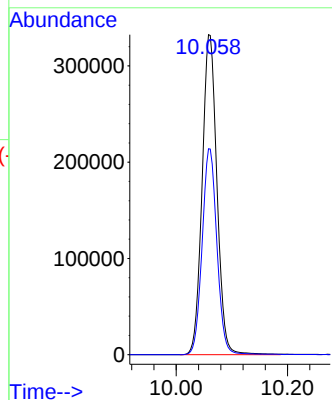
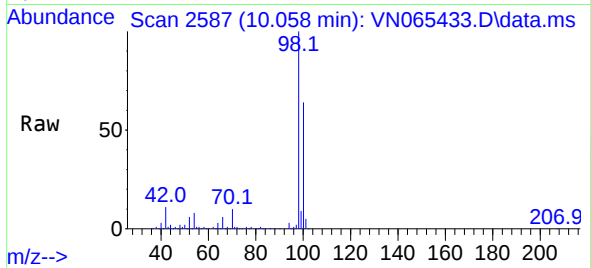




#50
Toluene-d8
Concen: 54.04 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

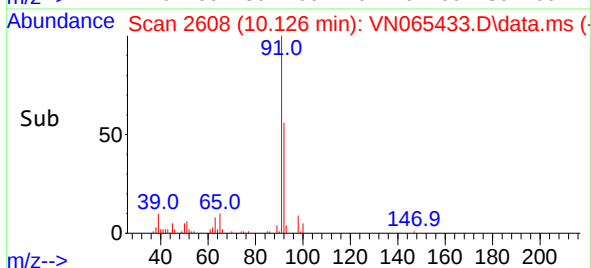
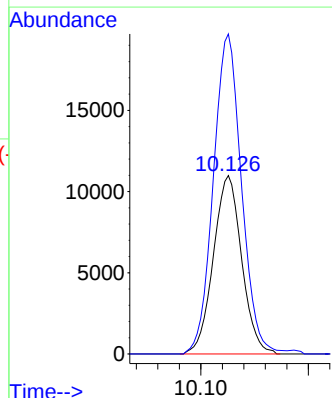
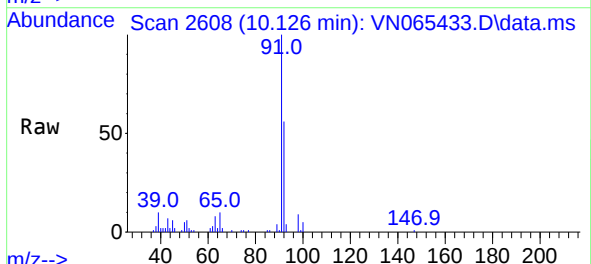
Instrument :
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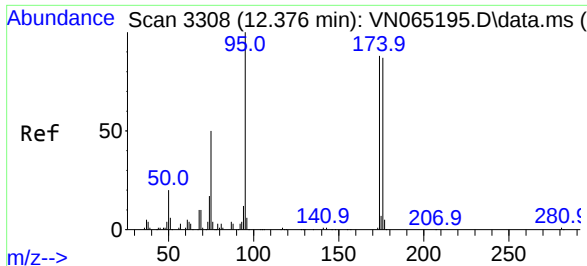
Tgt Ion: 98 Resp: 613940
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#52
Toluene
Concen: 2.34 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion: 92 Resp: 20069
Ion Ratio Lower Upper
92 100
91 178.6 139.1 208.7

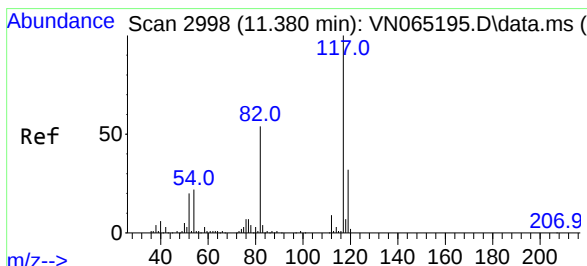
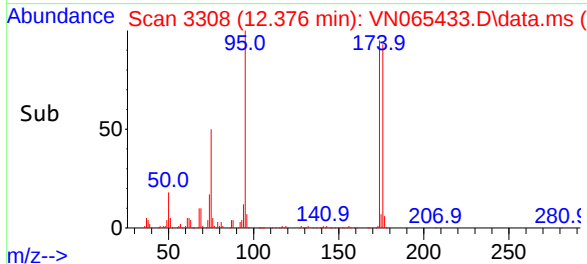
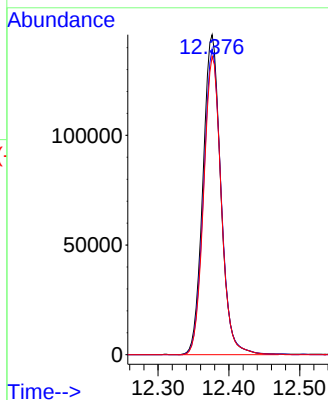
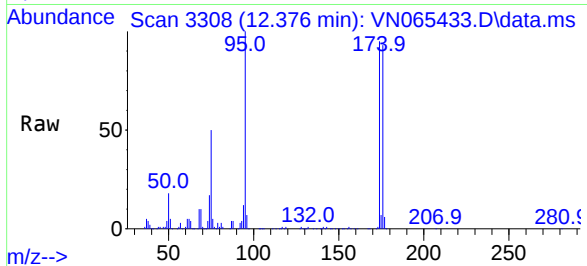




#62
4-Bromofluorobenzene
Concen: 56.15 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

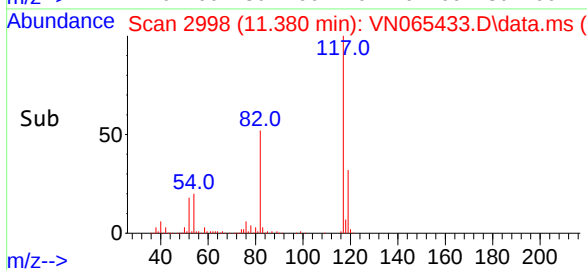
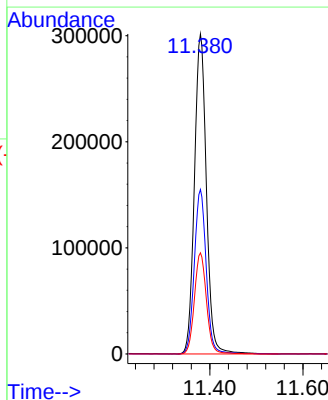
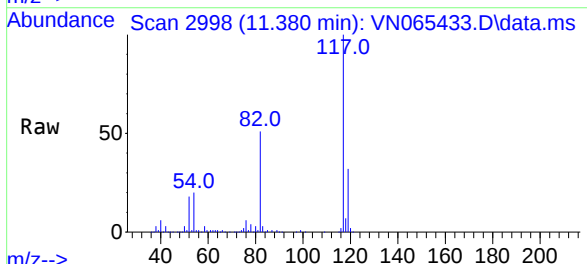
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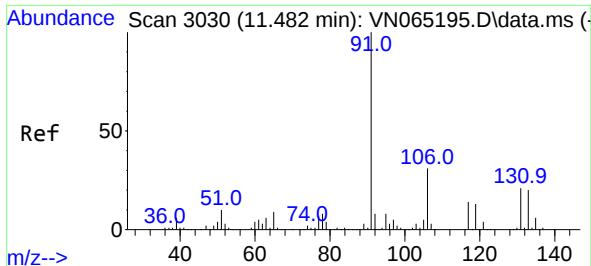
Tgt Ion: 95 Resp: 255462
Ion Ratio Lower Upper
95 100
174 94.4 0.0 160.4
176 91.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion: 117 Resp: 537903
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.6 25.8 38.6

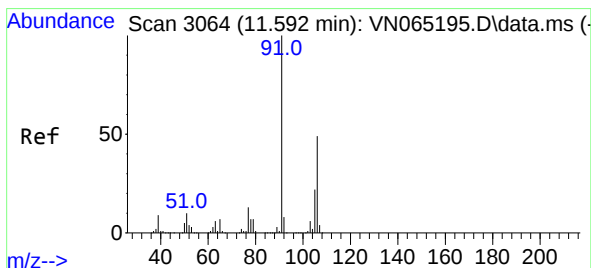
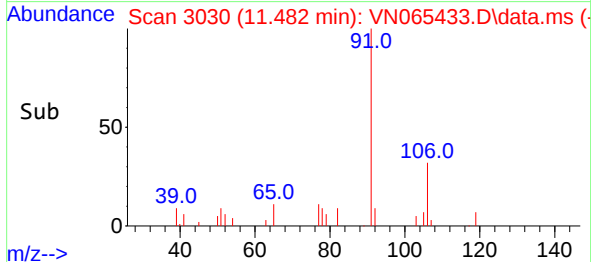
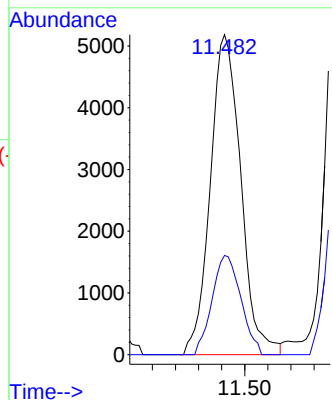
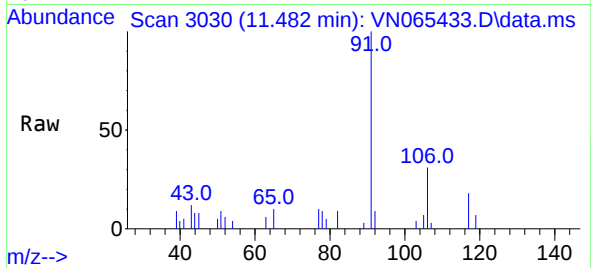




#67
Ethyl Benzene
Concen: 0.48 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

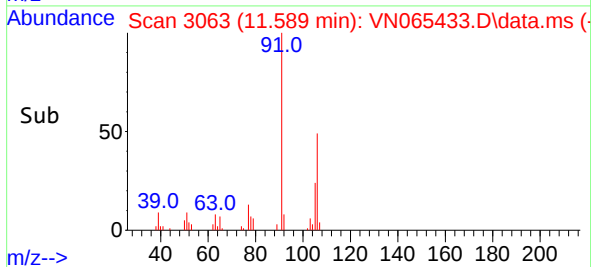
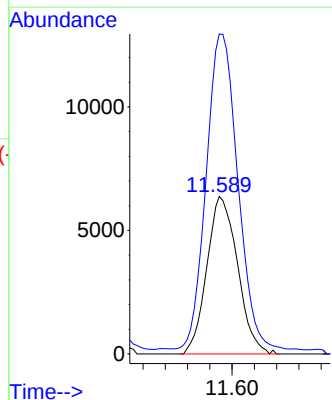
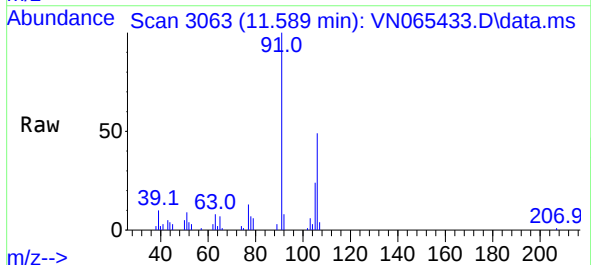
Instrument :
MSVOA_N
ClientSampled :
16790

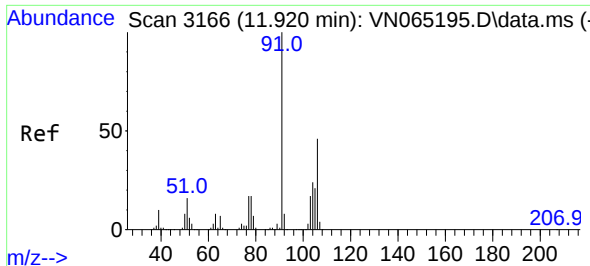
Tgt Ion: 91 Resp: 9489
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 1.64 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion:106 Resp: 12186
Ion Ratio Lower Upper
106 100
91 209.1 161.0 241.4

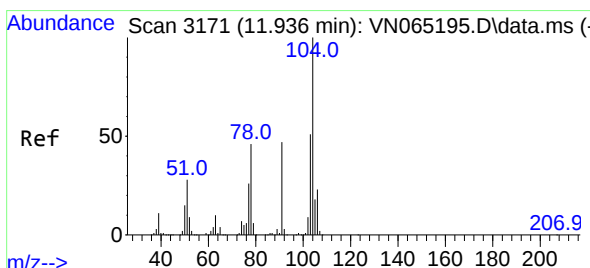
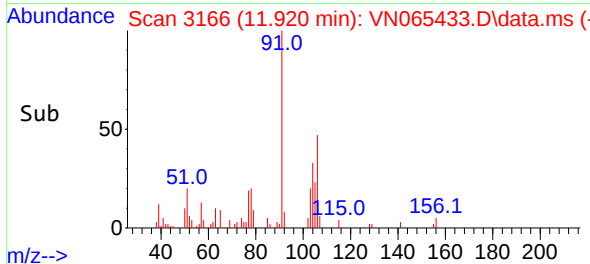
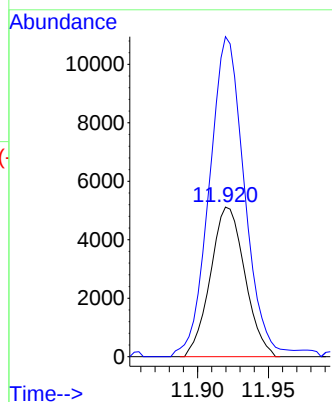
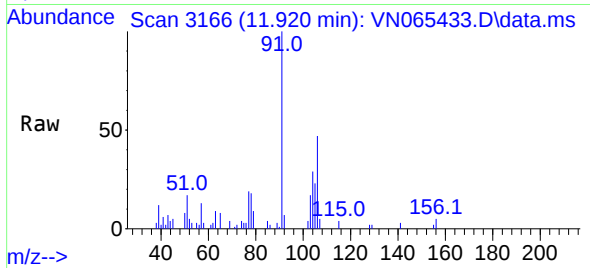




#69
o-Xylene
Concen: 1.20 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

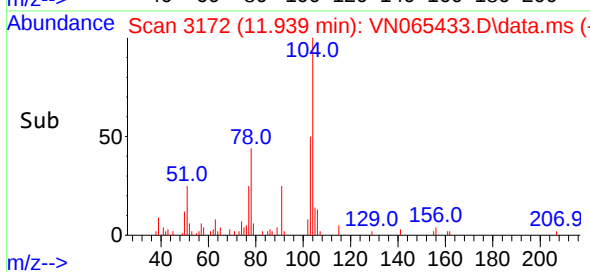
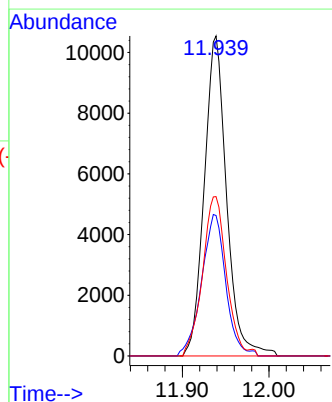
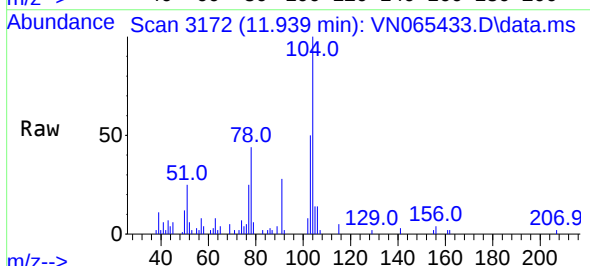
Instrument :
MSVOA_N
ClientSampled :
16790

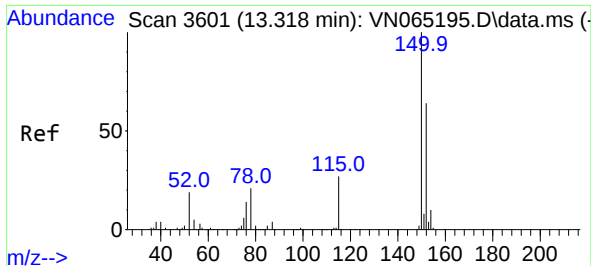
Tgt Ion:106 Resp: 8653
Ion Ratio Lower Upper
106 100
91 218.3 105.5 316.5



#70
Styrene
Concen: 1.57 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion:104 Resp: 18894
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.6
103 53.6 44.3 66.5

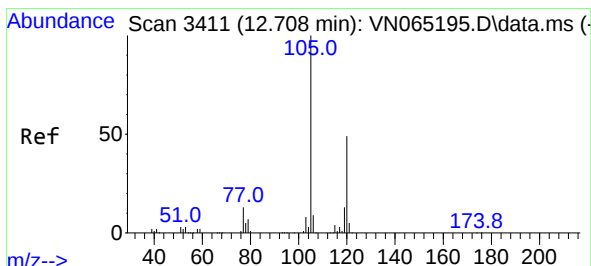
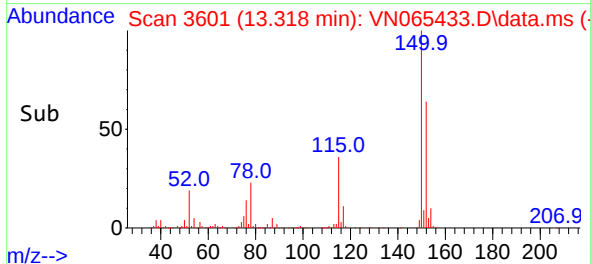
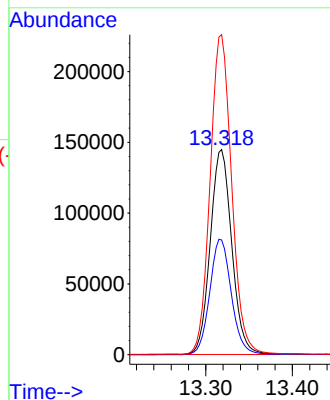
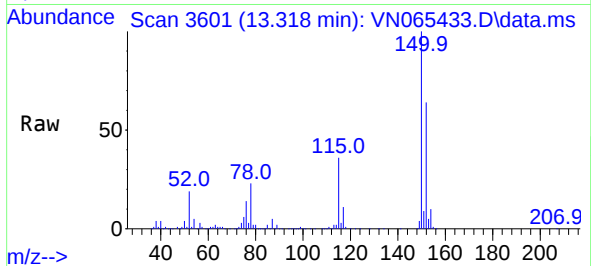




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

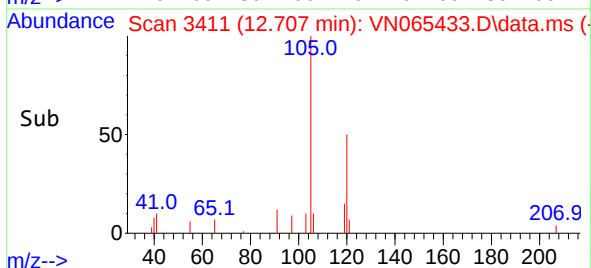
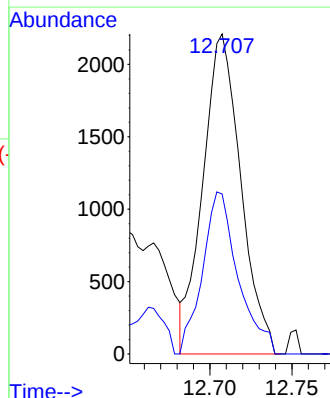
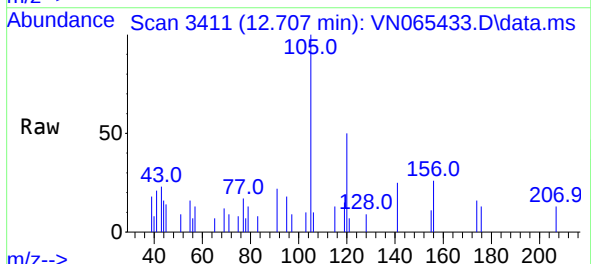
Instrument :
MSVOA_N
ClientSampled :
16790

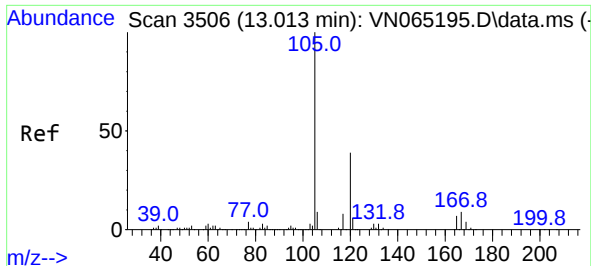
Tgt Ion:152 Resp: 250453
Ion Ratio Lower Upper
152 100
115 55.7 29.7 89.1
150 156.8 0.0 350.6



#80
1,3,5-Trimethylbenzene
Concen: 0.22 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion:105 Resp: 3554
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6

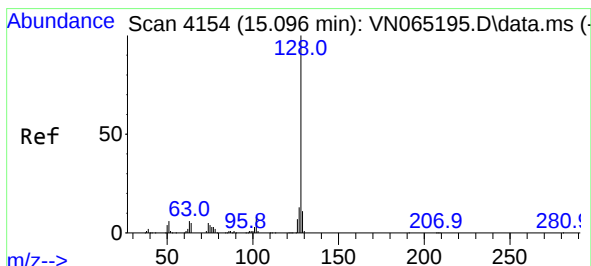
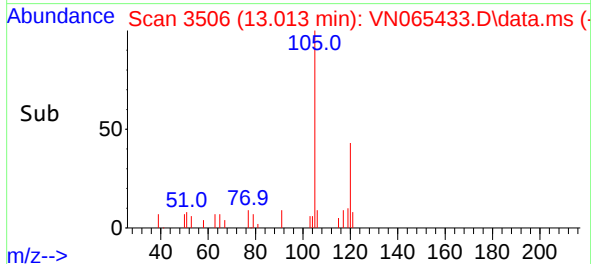
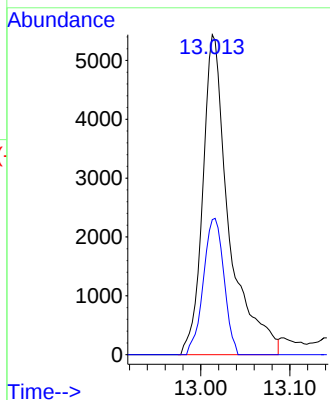
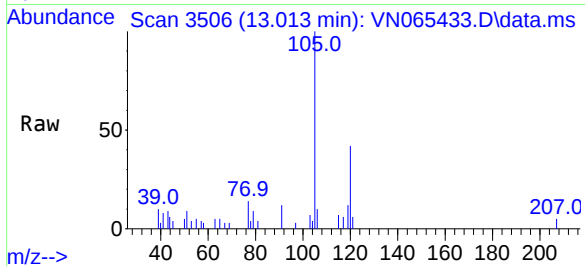




#84
1,2,4-Trimethylbenzene
Concen: 0.70 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Instrument :
MSVOA_N
ClientSampled :
16790

Tgt Ion:105 Resp: 11107
Ion Ratio Lower Upper
105 100
120 33.4 23.1 69.2



#95
Naphthalene
Concen: 39.02 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065433.D
Acq: 7 Jan 2021 17:44

Tgt Ion:128 Resp: 496172
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

