

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065431.D
 Acq On : 7 Jan 2021 16:54
 Operator : JC/MD
 Sample : M1022-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30732

Quant Time: Jan 08 01:19:28 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	7.631	168	310913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	514713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	551478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	292763	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	178247	50.78	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.56%
35) Dibromofluoromethane	7.553	113	154849	49.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.74%
50) Toluene-d8	10.058	98	630835	54.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.40%
62) 4-Bromofluorobenzene	12.376	95	277261	59.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.38%

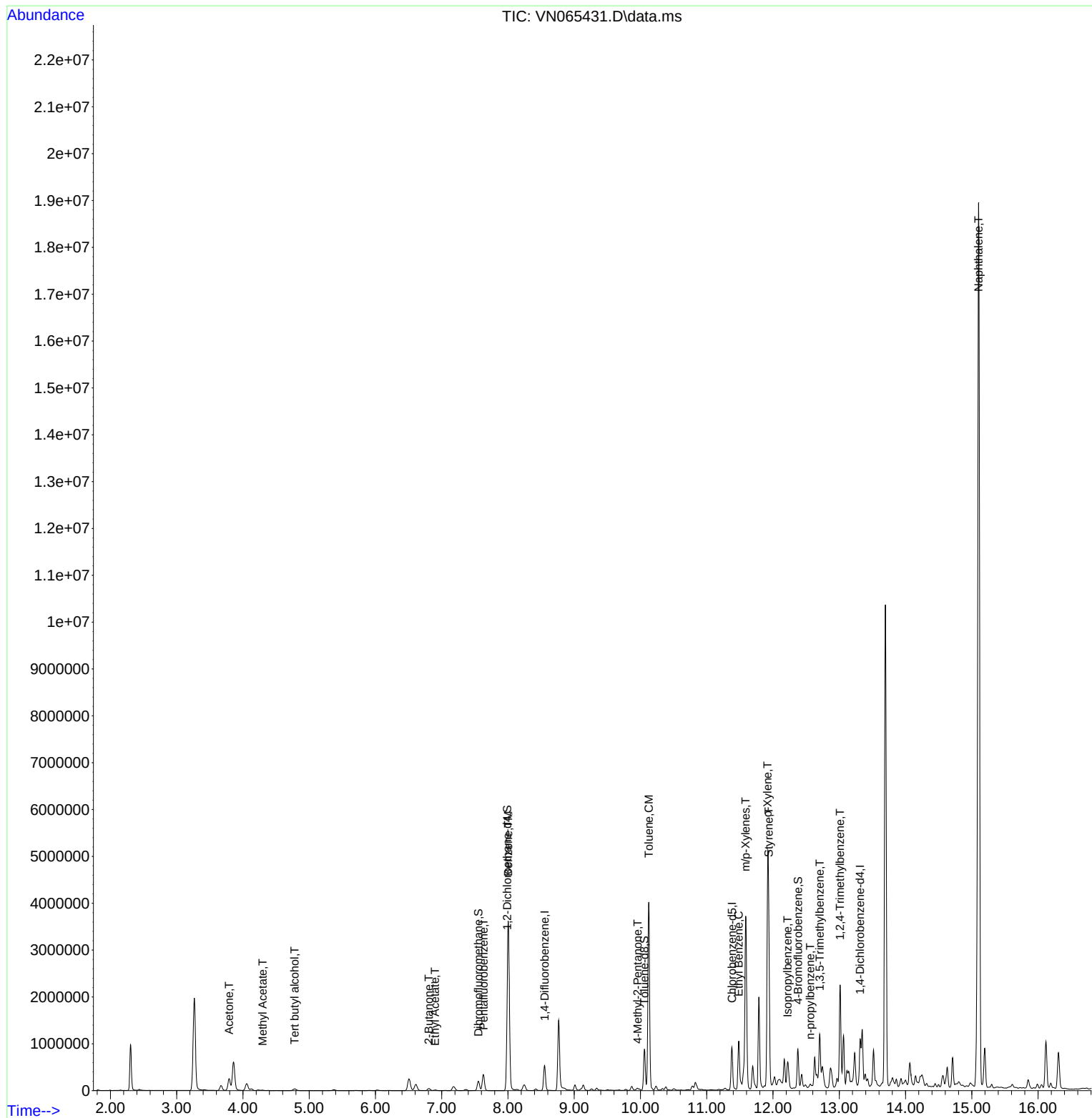
Target Compounds						Qvalue
11) Tert butyl alcohol	4.779	59	69870	121.66	ug/l	99
16) Acetone	3.791	43	414384	282.75	ug/l	99
18) Methyl Acetate	4.296	43	19448	6.17	ug/l	98
25) 2-Butanone	6.804	43	77209	39.18	ug/l	98
37) Ethyl Acetate	6.897	43	13029	2.81	ug/l #	76
40) Benzene	8.004	78	3726541	267.66	ug/l	94
51) 4-Methyl-2-Pentanone	9.955	43	24574	5.47	ug/l	98
52) Toluene	10.126	92	1818475	207.23	ug/l	97
67) Ethyl Benzene	11.482	91	780003	38.56	ug/l	100
68) m/p-Xylenes	11.589	106	1171853	153.78	ug/l	99
69) o-Xylene	11.920	106	1186400	160.38	ug/l	99
70) Styrene	11.936	104	1336924	108.32	ug/l	95
73) Isopropylbenzene	12.222	105	43783	1.96	ug/l	99
78) n-propylbenzene	12.563	91	50799	2.02	ug/l	99
80) 1,3,5-Trimethylbenzene	12.708	105	575420	30.26	ug/l	100
84) 1,2,4-Trimethylbenzene	13.013	105	1319238	71.26	ug/l	97
95) Naphthalene	15.103	128	11054633	682.90	ug/l #	63

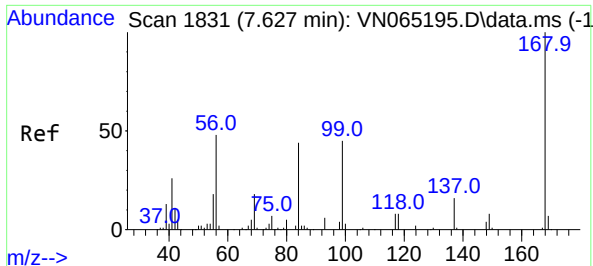
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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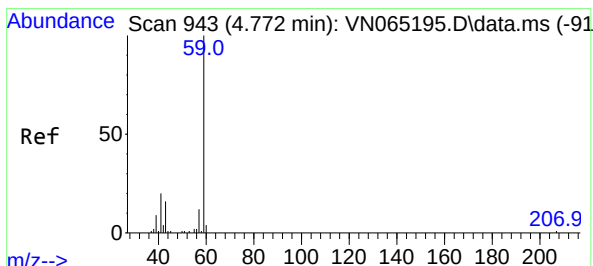
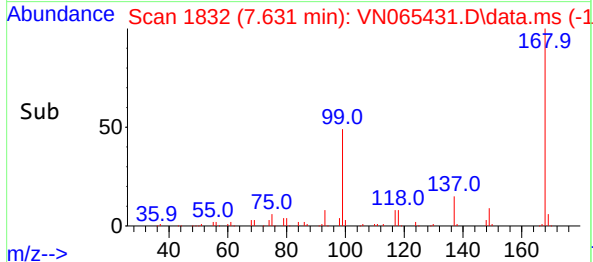
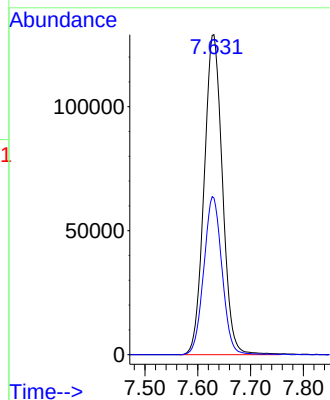
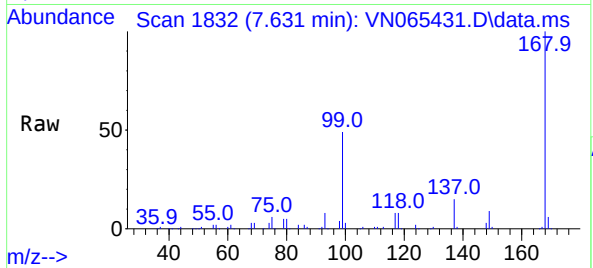




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

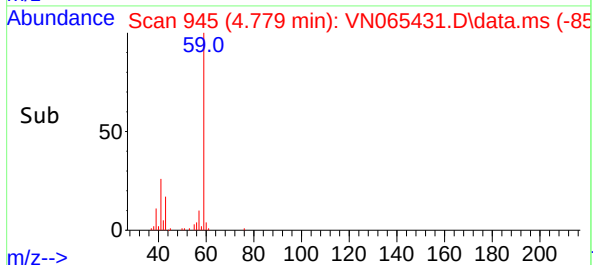
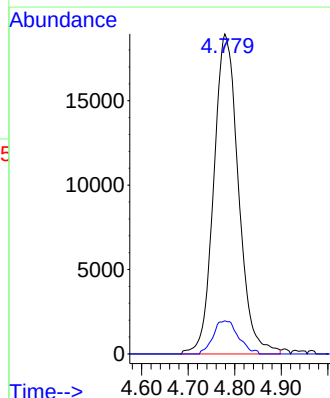
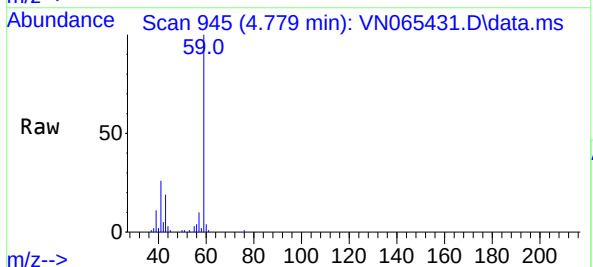
Instrument :
MSVOA_N
ClientSampleId :
30732

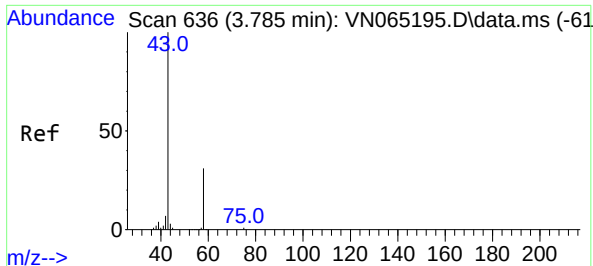
Tgt Ion:168 Resp: 310913
Ion Ratio Lower Upper
168 100
99 48.9 43.0 64.4



#11
Tert butyl alcohol
Concen: 121.66 ug/l
RT: 4.779 min Scan# 945
Delta R.T. 0.007 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion: 59 Resp: 69870
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9





#16

Acetone

Concen: 282.75 ug/l

RT: 3.791 min Scan# 638

Delta R.T. 0.006 min

Lab File: VN065431.D

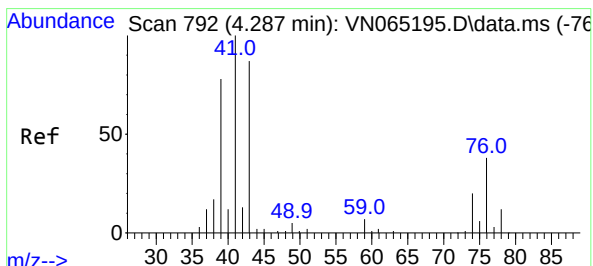
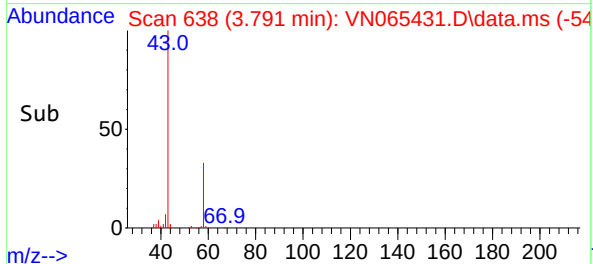
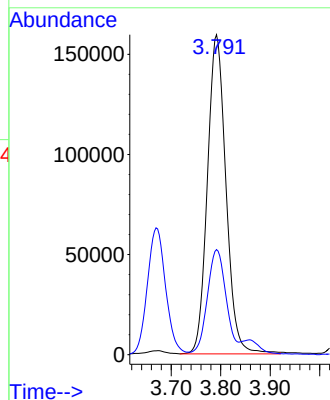
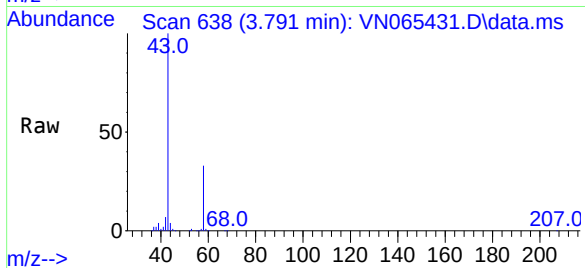
Acq: 7 Jan 2021 16:54

Tgt Ion: 43 Resp: 414384

Ion Ratio Lower Upper

43 100

58 32.6 25.7 38.5



#18

Methyl Acetate

Concen: 6.17 ug/l

RT: 4.296 min Scan# 795

Delta R.T. 0.009 min

Lab File: VN065431.D

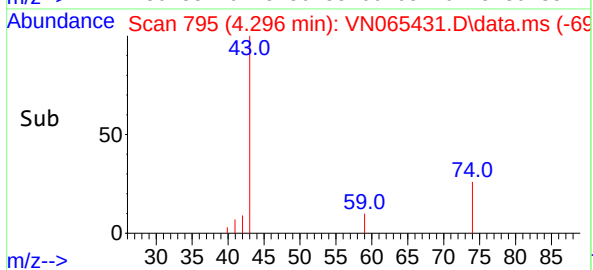
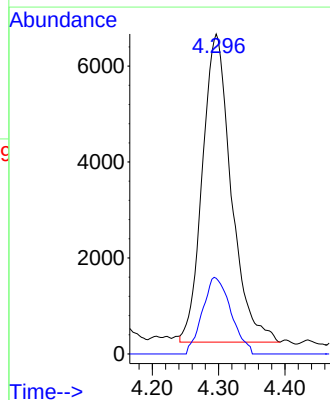
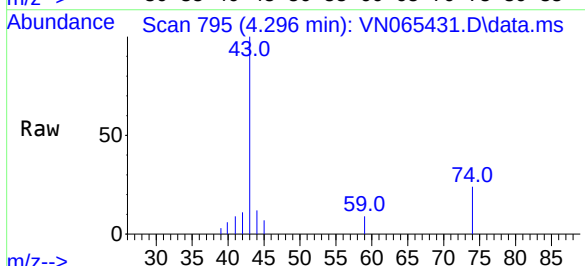
Acq: 7 Jan 2021 16:54

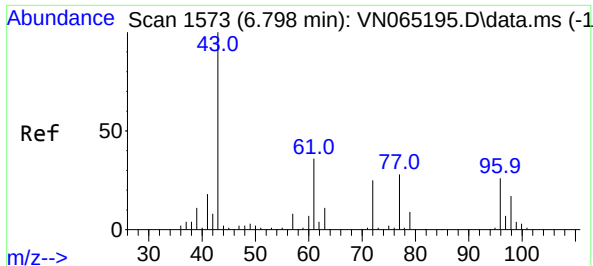
Tgt Ion: 43 Resp: 19448

Ion Ratio Lower Upper

43 100

74 24.4 20.2 30.2

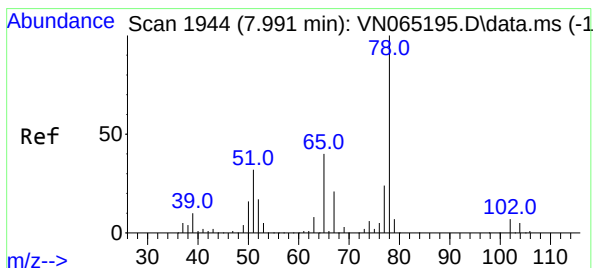
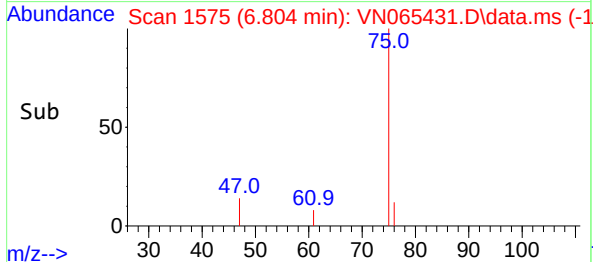
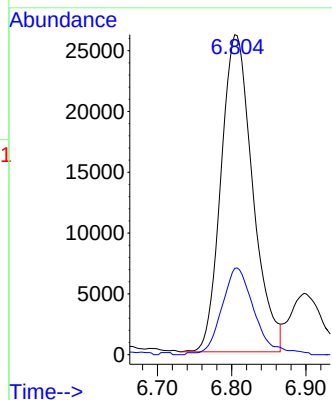
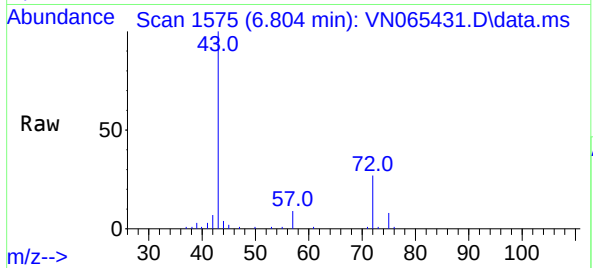




#25
2-Butanone
Concen: 39.18 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

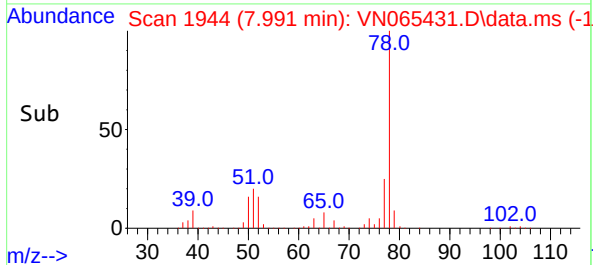
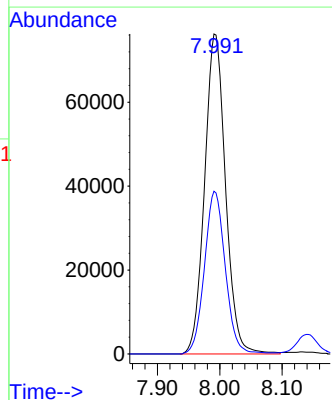
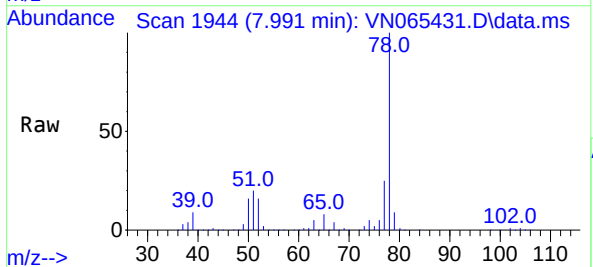
Instrument :
MSVOA_N
ClientSampled :
30732

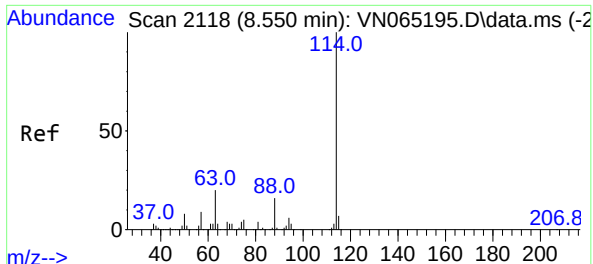
Tgt Ion: 43 Resp: 77209
Ion Ratio Lower Upper
43 100
72 27.2 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: 50.78 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion: 65 Resp: 178247
Ion Ratio Lower Upper
65 100
67 50.5 0.0 108.2





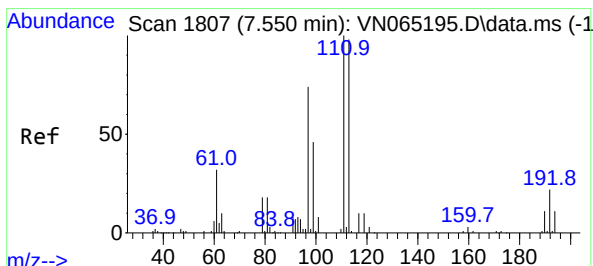
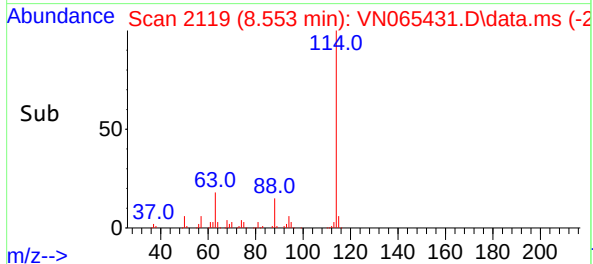
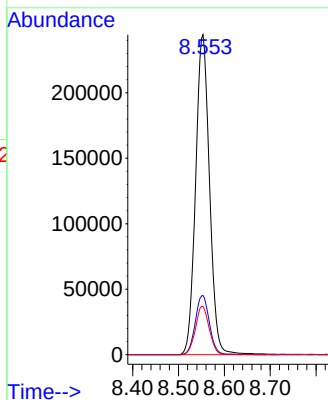
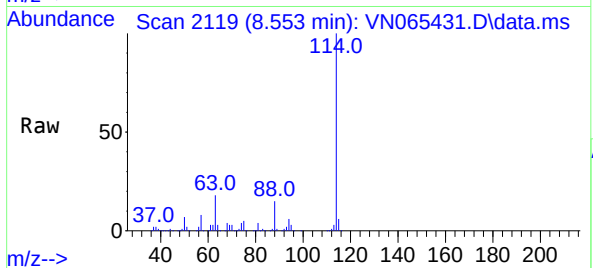
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Instrument :
MSVOA_N
ClientSampleId :
30732

Tgt Ion:114 Resp: 514713

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.6
88	15.0	0.0	32.6

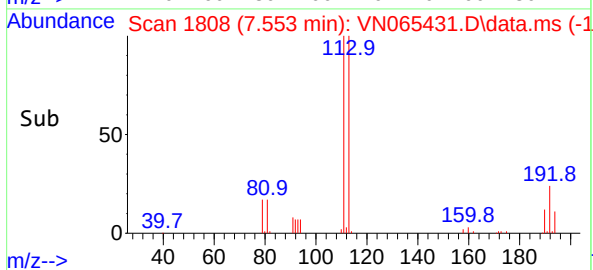
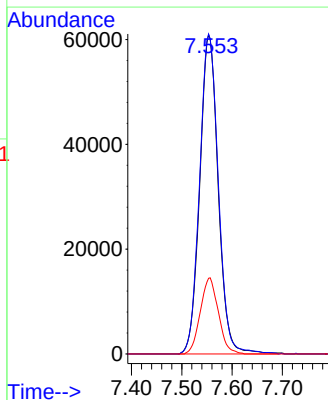
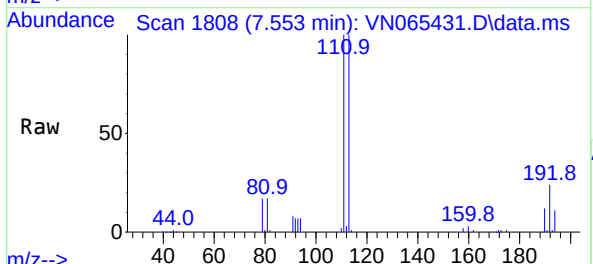


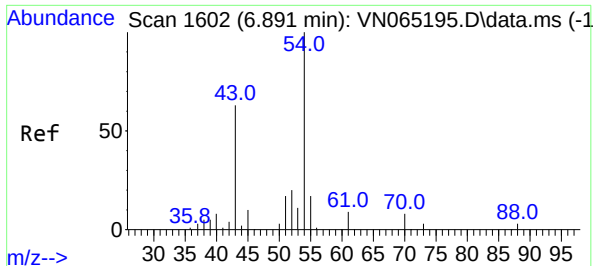
#35

Dibromofluoromethane
Concen: 49.87 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion:113 Resp: 154849

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.6	122.4
192	23.4	16.2	24.2

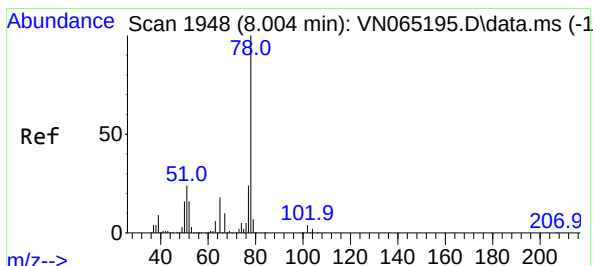
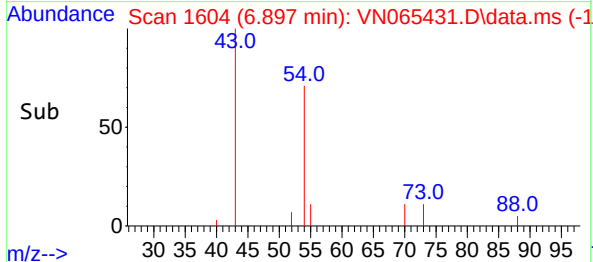
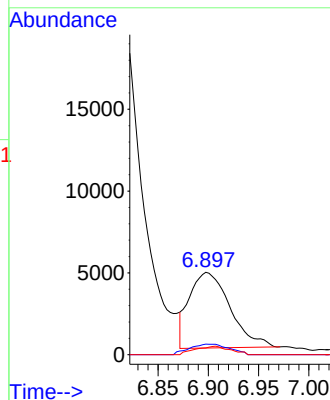
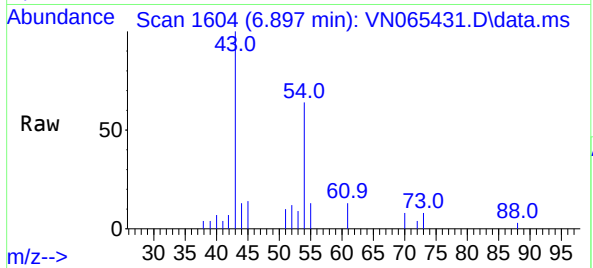




#37
Ethyl Acetate
Concen: 2.81 ug/l
RT: 6.897 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

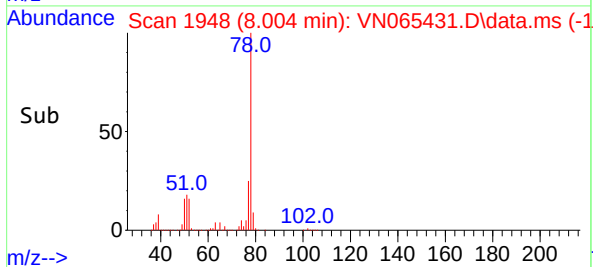
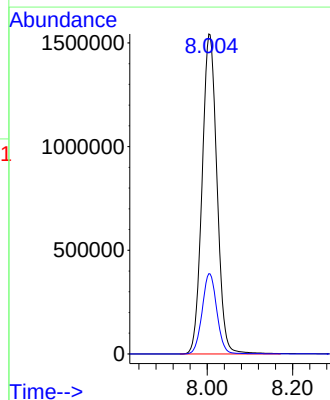
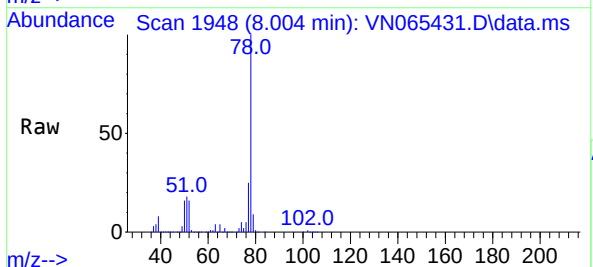
Instrument :
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ClientSampled :
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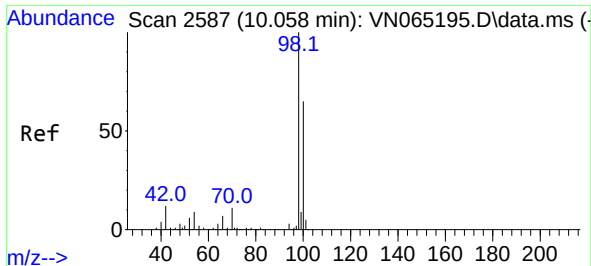
Tgt Ion: 43 Resp: 13029
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 9.5 8.8 13.2



#40
Benzene
Concen: 267.66 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion: 78 Resp: 3726541
Ion Ratio Lower Upper
78 100
77 25.1 17.9 26.9

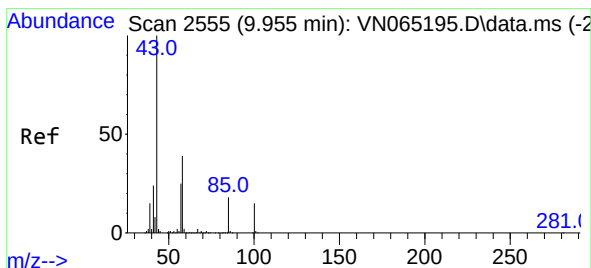
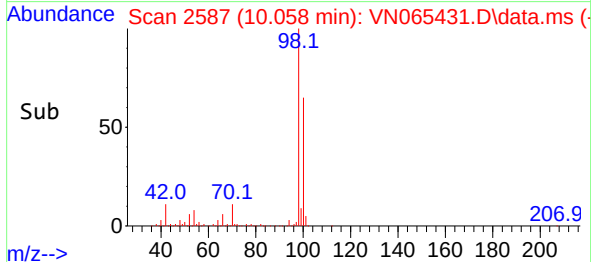
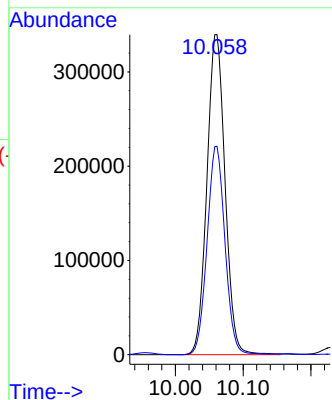
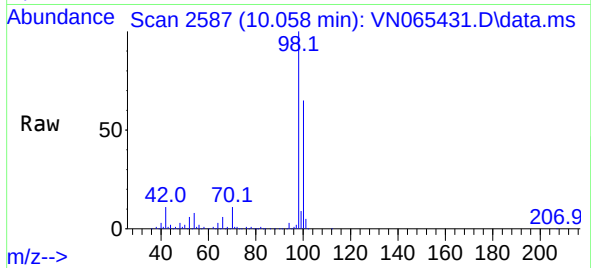




#50
Toluene-d8
Concen: 54.20 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

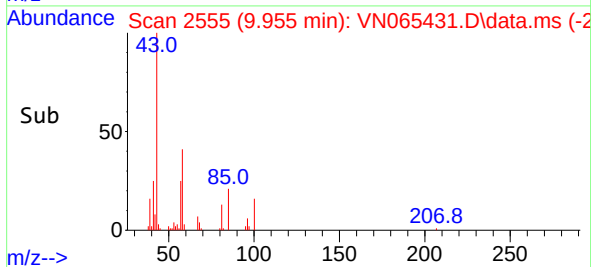
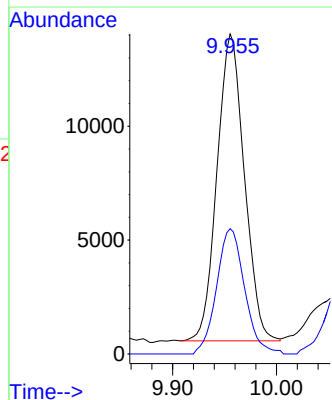
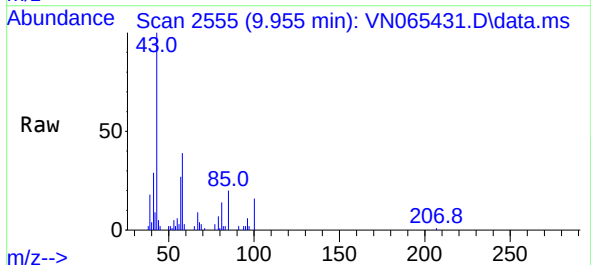
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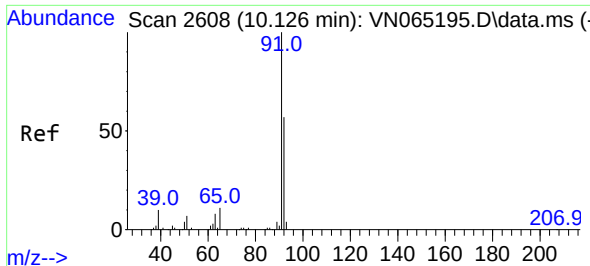
Tgt Ion: 98 Resp: 630835
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 5.47 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion: 43 Resp: 24574
Ion Ratio Lower Upper
43 100
58 41.8 32.4 48.6

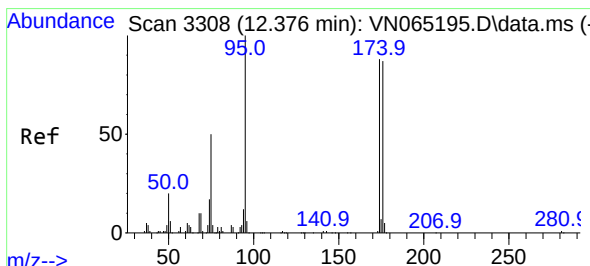
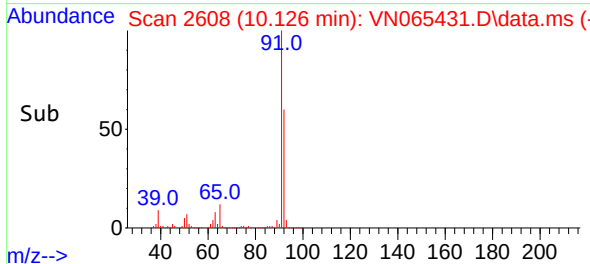
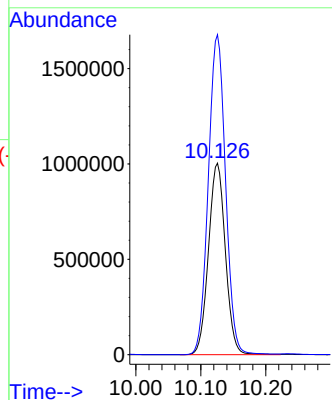
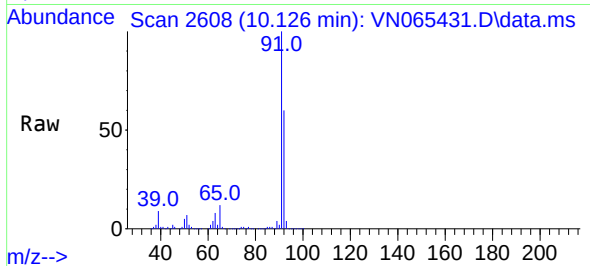




#52
Toluene
Concen: 207.23 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

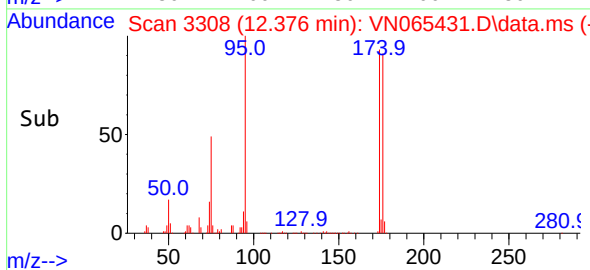
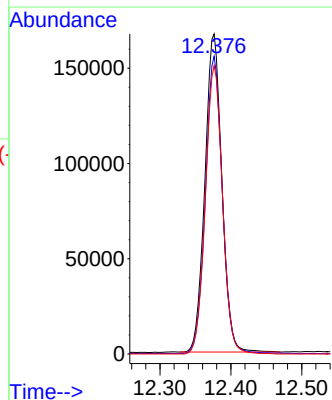
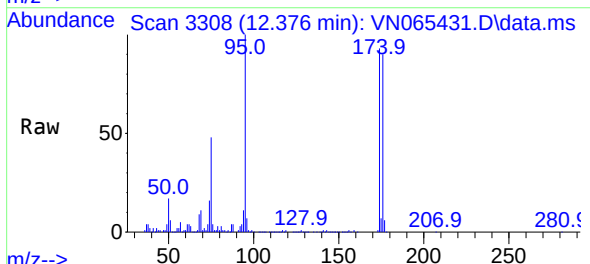
Instrument :
MSVOA_N
ClientSampled :
30732

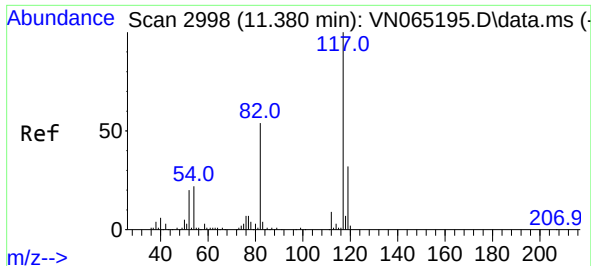
Tgt Ion: 92 Resp: 1818475
Ion Ratio Lower Upper
92 100
91 170.2 139.1 208.7



#62
4-Bromofluorobenzene
Concen: 59.19 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

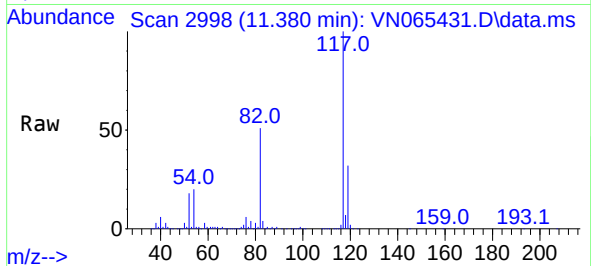
Tgt Ion: 95 Resp: 277261
Ion Ratio Lower Upper
95 100
174 93.8 0.0 160.4
176 91.4 0.0 158.4



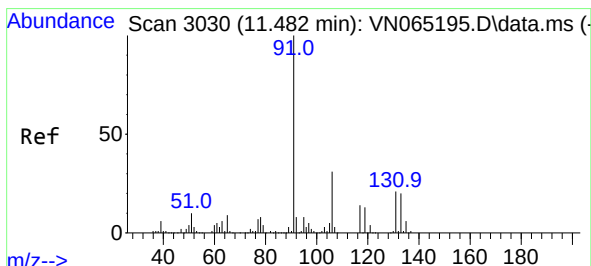
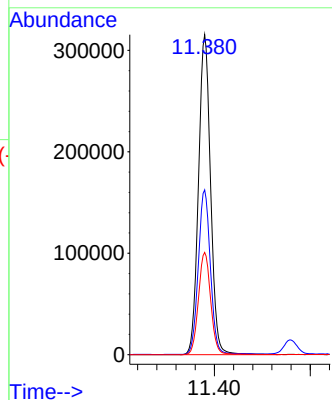
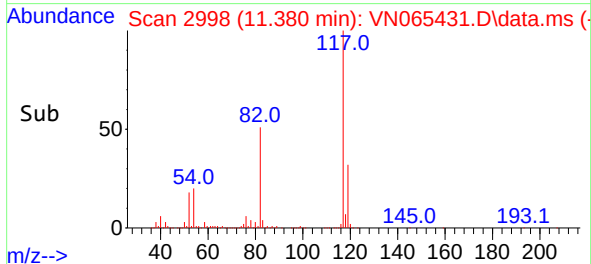


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

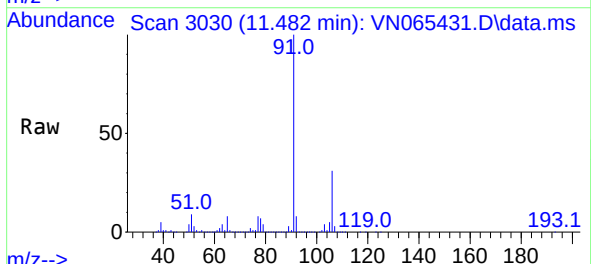
Instrument :
MSVOA_N
ClientSampleId :
30732



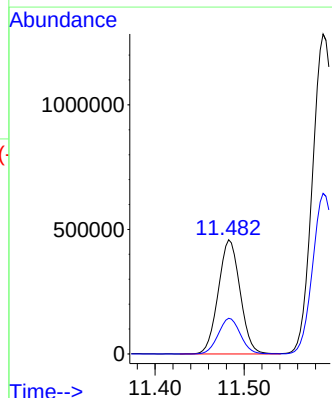
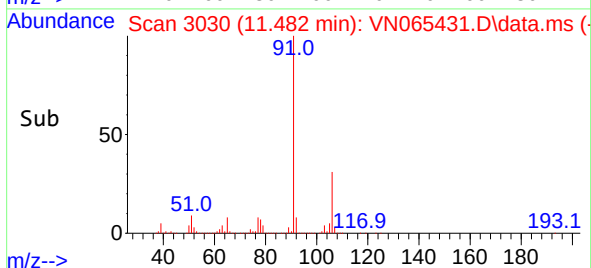
Tgt Ion:117 Resp: 551478
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.9 25.8 38.6

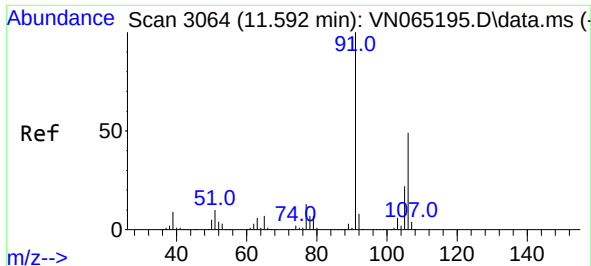


#67
Ethyl Benzene
Concen: 38.56 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54



Tgt Ion: 91 Resp: 780003
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8

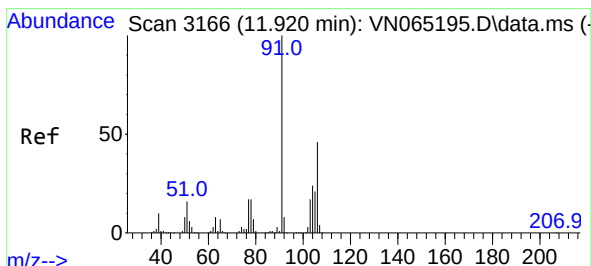
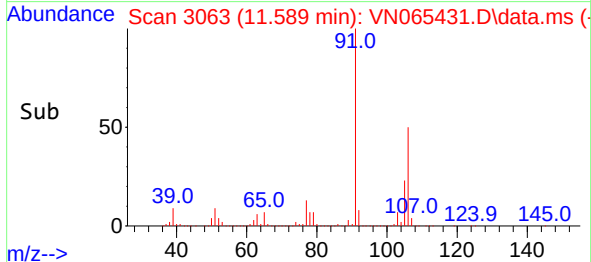
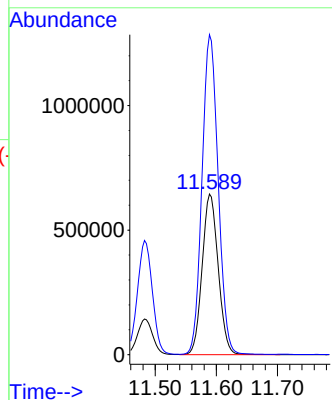
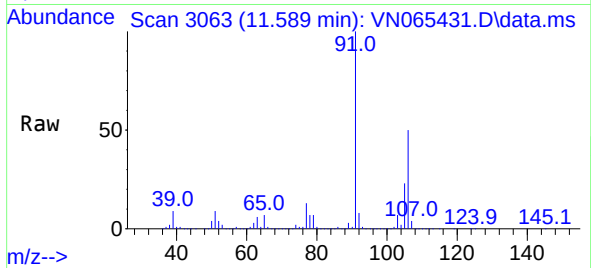




#68
m/p-Xylenes
Concen: 153.78 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

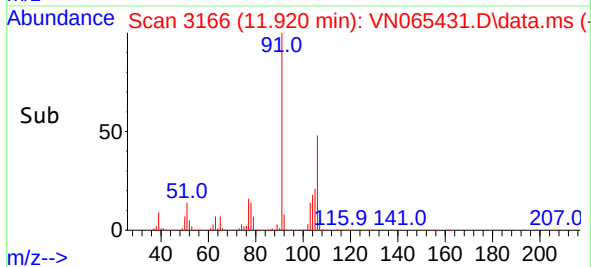
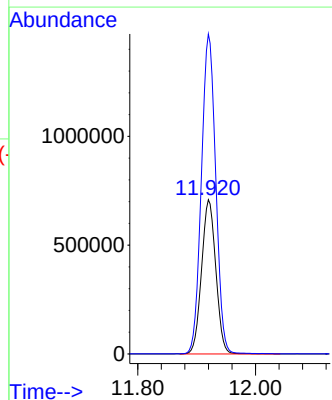
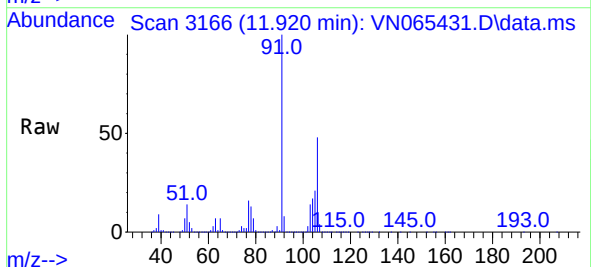
Instrument :
MSVOA_N
ClientSampleId :
30732

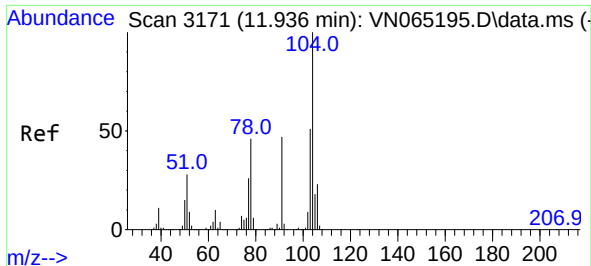
Tgt Ion:106 Resp: 1171853
Ion Ratio Lower Upper
106 100
91 200.3 161.0 241.4



#69
o-Xylene
Concen: 160.38 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion:106 Resp: 1186400
Ion Ratio Lower Upper
106 100
91 209.2 105.5 316.5



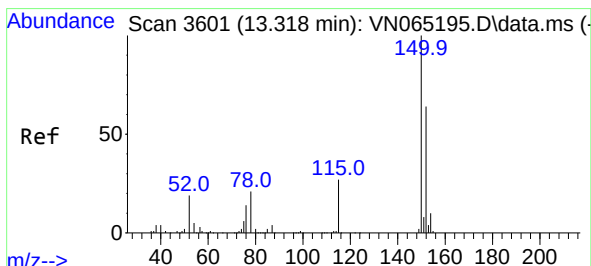
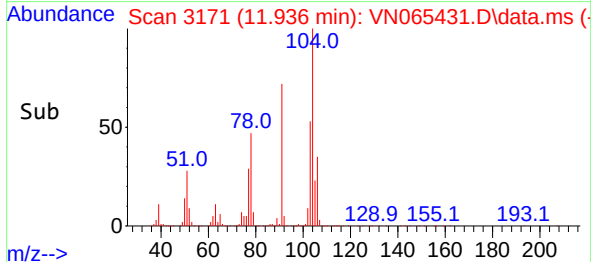
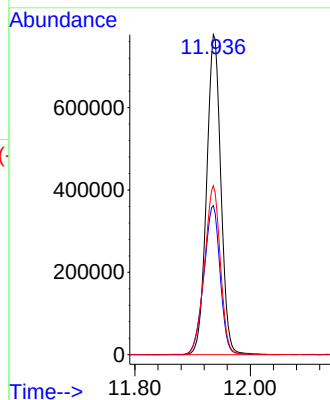
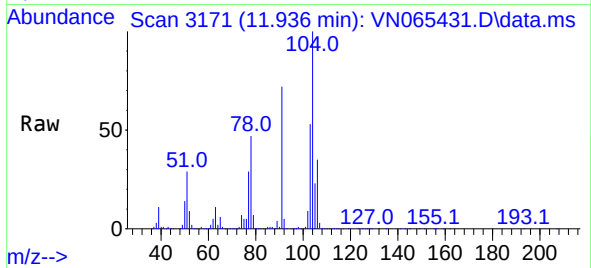


#70
Styrene
Concen: 108.32 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Instrument :
MSVOA_N
ClientSampleId :
30732

Tgt Ion:104 Resp: 1336924

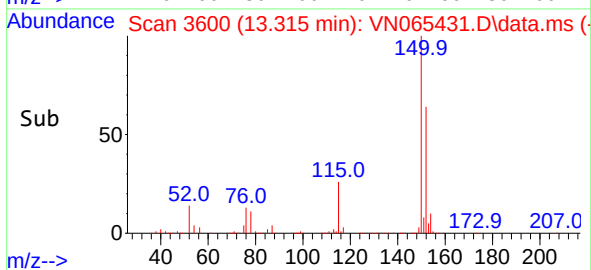
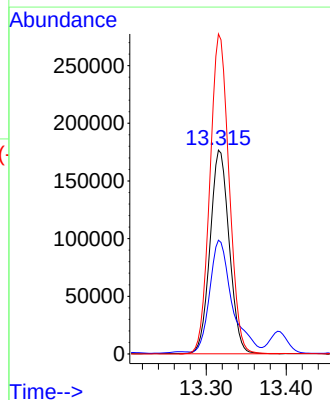
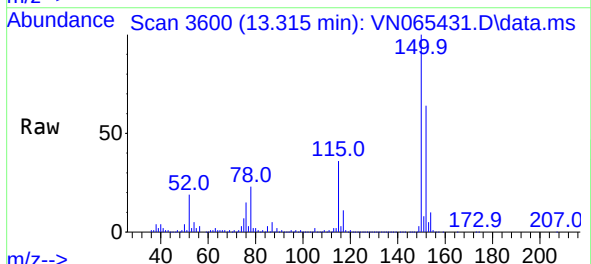
Ion	Ratio	Lower	Upper
104	100		
78	52.8	39.0	58.6
103	58.8	44.3	66.5

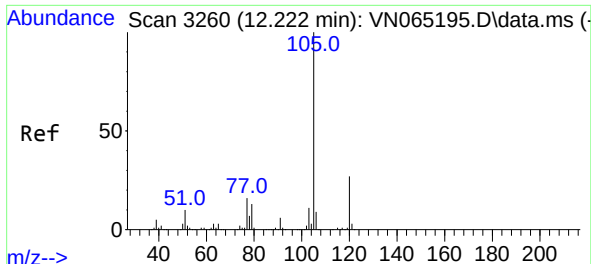


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. -0.003 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion:152 Resp: 292763

Ion	Ratio	Lower	Upper
152	100		
115	63.9	29.7	89.1
150	158.3	0.0	350.6

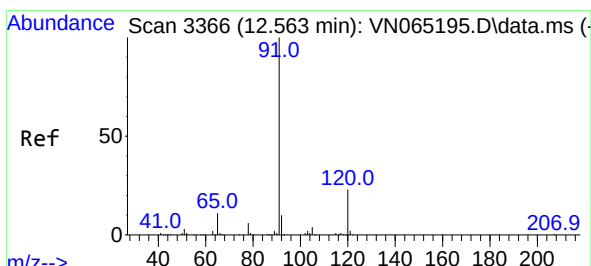
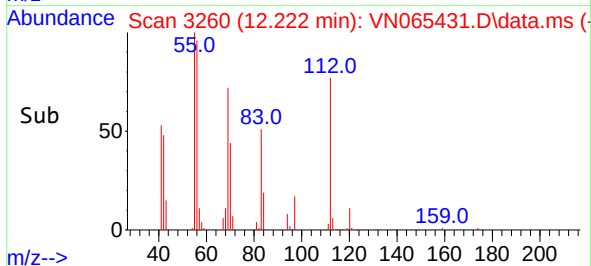
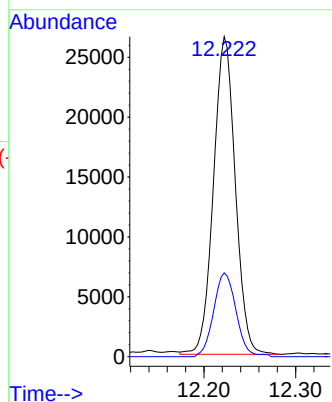
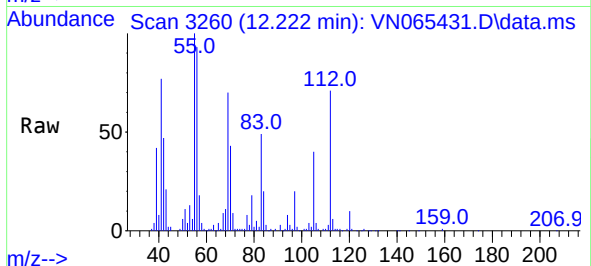




#73
Isopropylbenzene
Concen: 1.96 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

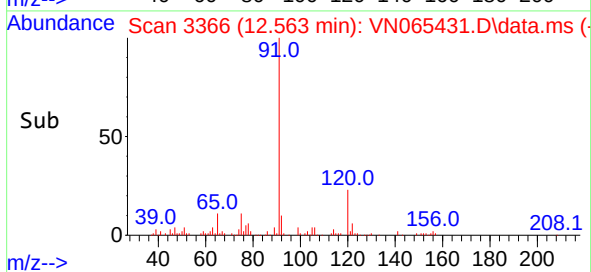
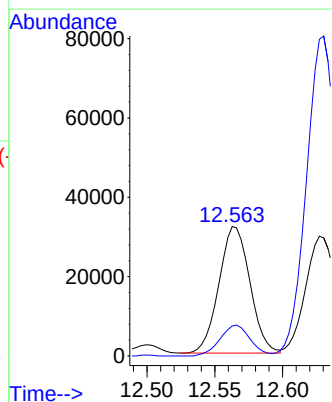
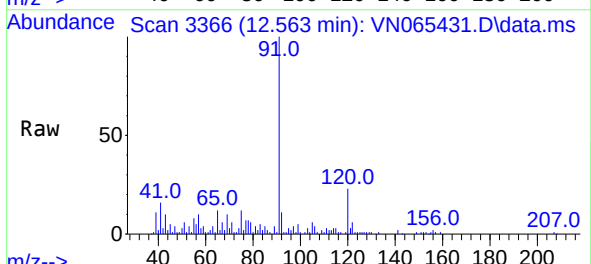
Instrument :
MSVOA_N
ClientSampled :
30732

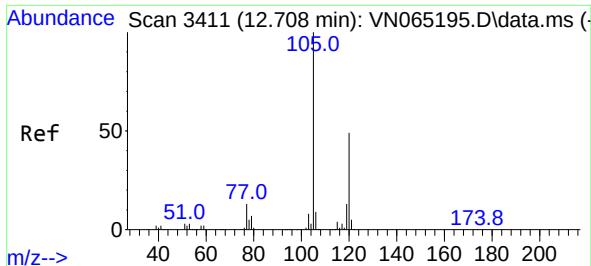
Tgt Ion:105 Resp: 43783
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#78
n-propylbenzene
Concen: 2.02 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion: 91 Resp: 50799
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.7

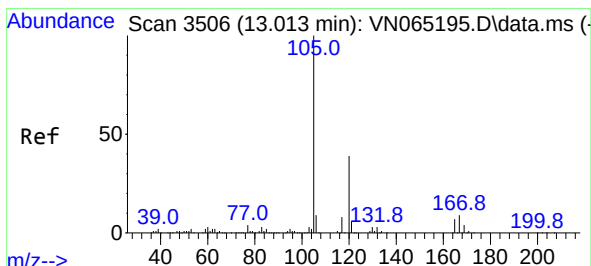
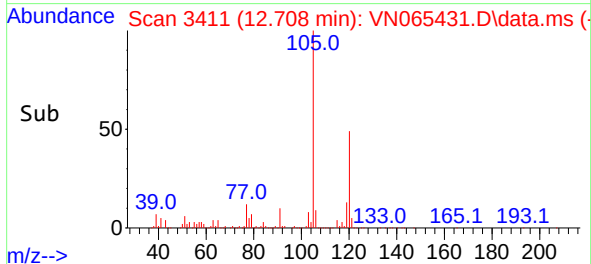
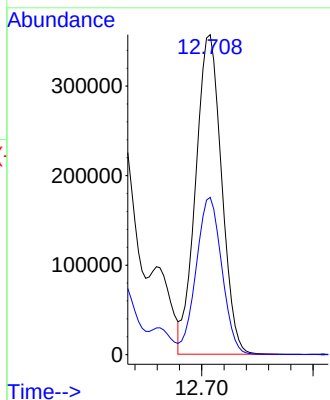
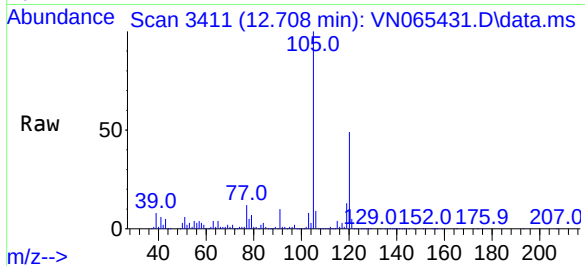




#80
1,3,5-Trimethylbenzene
Concen: 30.26 ug/l
RT: 12.708 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

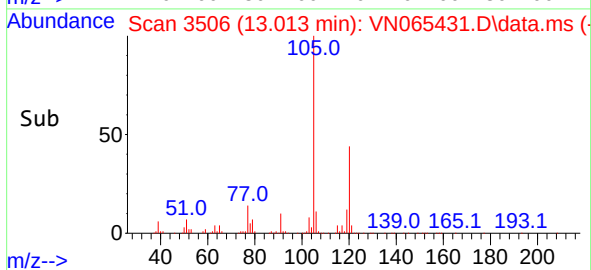
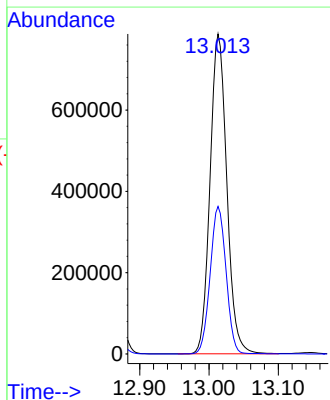
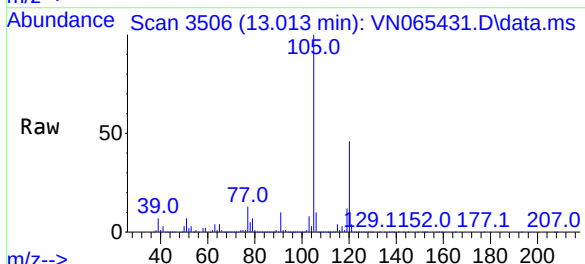
Instrument :
MSVOA_N
ClientSampled :
30732

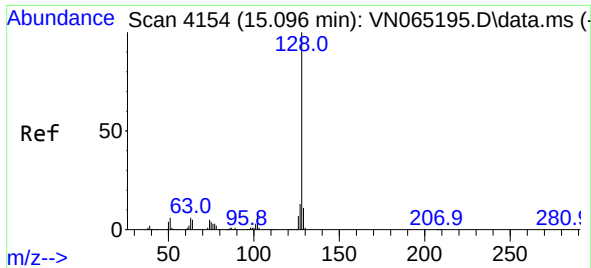
Tgt Ion:105 Resp: 575420
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 71.26 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Tgt Ion:105 Resp: 1319238
Ion Ratio Lower Upper
105 100
120 43.8 23.1 69.2





#95
Naphthalene
Concen: 682.90 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065431.D
Acq: 7 Jan 2021 16:54

Instrument :
MSVOA_N
ClientSampleId :
30732

Tgt Ion:128 Resp:11054633
Ion Ratio Lower Upper
128 100
127 27.6 10.3 15.5#
129 24.7 8.7 13.1#

