

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030321\
 Data File : VN066120.D
 Acq On : 3 Mar 2021 13:32
 Operator : JC/MD
 Sample : M1507-03ME
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41007ME

Quant Time: Mar 04 02:14:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

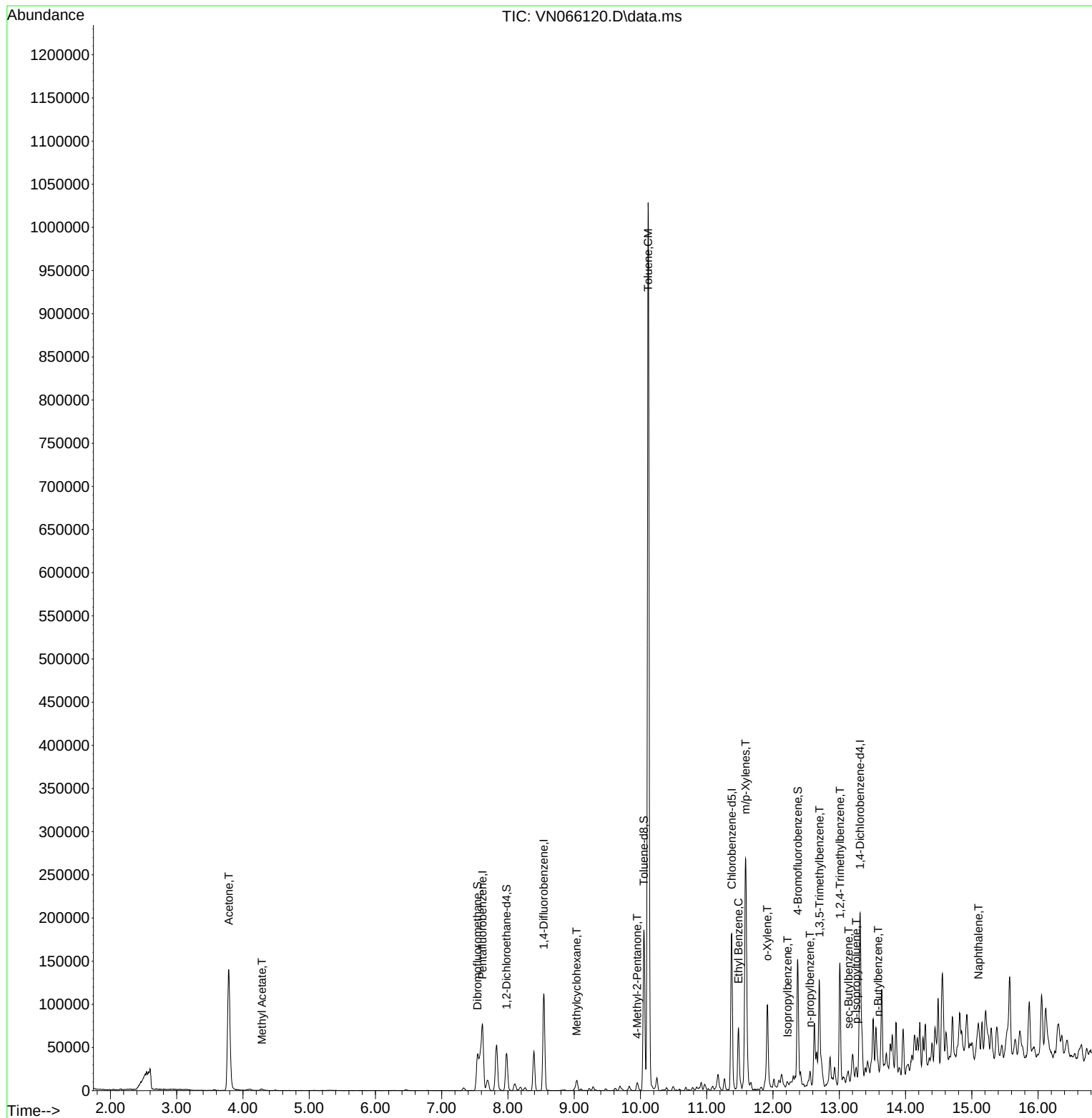
Internal Standards						
1) Pentafluorobenzene	7.614	168	55606	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.540	114	102258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	108623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	52509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.978	65	41902	49.52	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.04%
35) Dibromofluoromethane	7.540	113	31818	49.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.26%
50) Toluene-d8	10.052	98	128376	50.90	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.80%
62) 4-Bromofluorobenzene	12.373	95	59878	61.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.28%
Target Compounds						
						Qvalue
16) Acetone	3.785	43	239039	945.08	ug/l	96
18) Methyl Acetate	4.287	43	3324	6.16	ug/l	# 81
39) Methylcyclohexane	9.036	83	5278	5.08	ug/l	98
51) 4-Methyl-2-Pentanone	9.949	43	6504	8.48	ug/l	97
52) Toluene	10.116	92	464657	254.46	ug/l	95
67) Ethyl Benzene	11.479	91	53923	13.20	ug/l	98
68) m/p-Xylenes	11.585	106	85247	54.01	ug/l	97
69) o-Xylene	11.913	106	27903	18.10	ug/l	98
73) Isopropylbenzene	12.219	105	4543	1.05	ug/l	95
78) n-propylbenzene	12.559	91	16772	3.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.701	105	24279	6.37	ug/l	93
84) 1,2,4-Trimethylbenzene	13.010	105	82605	22.17	ug/l	99
85) sec-Butylbenzene	13.141	105	5646	1.47	ug/l	84
86) p-Isopropyltoluene	13.257	119	4295	1.20	ug/l	97
89) n-Butylbenzene	13.585	91	8001	2.83	ug/l	# 67
95) Naphthalene	15.100	128	24652	8.42	ug/l	98

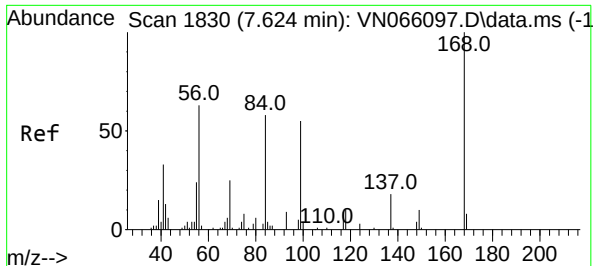
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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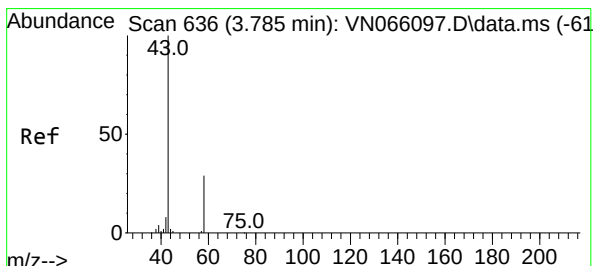
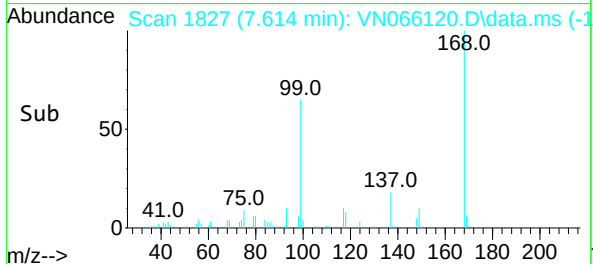
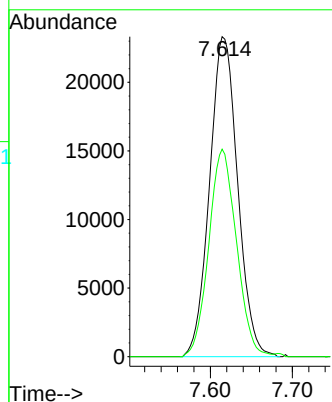
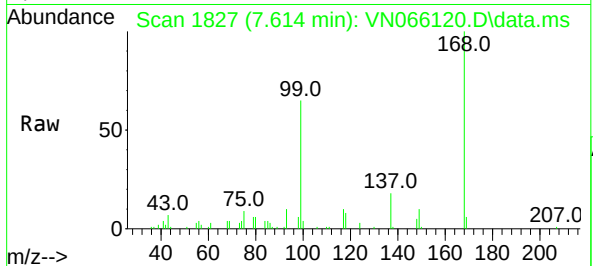




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.614 min Scan# 1827
Delta R.T. -0.010 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

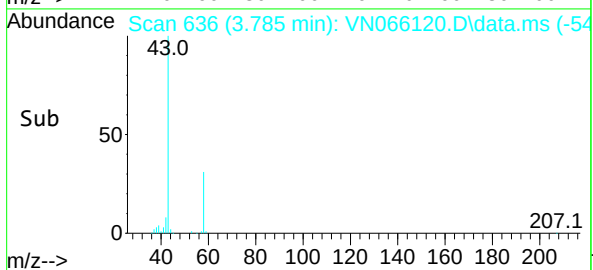
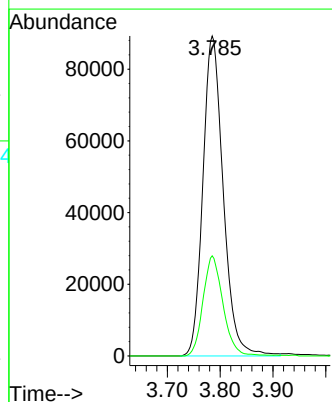
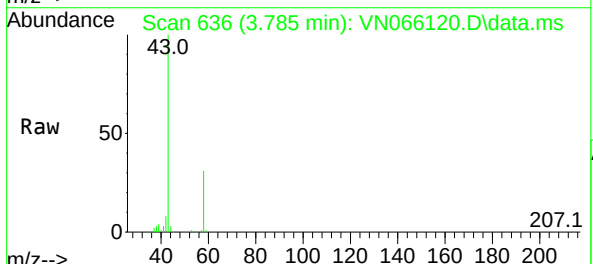
Instrument :
MSVOA_N
ClientSampleId :
41007ME

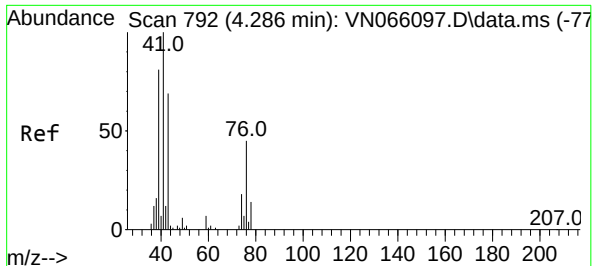
Tgt Ion:168 Resp: 55606
Ion Ratio Lower Upper
168 100
99 64.8 42.6 63.8#



#16
Acetone
Concen: 945.08 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

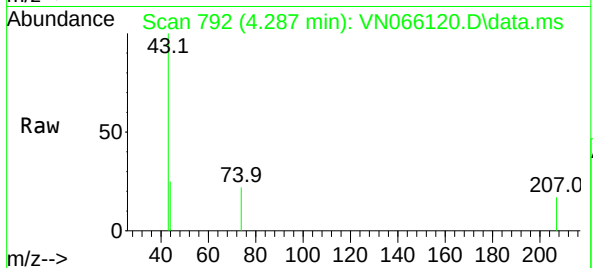
Tgt Ion: 43 Resp: 239039
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.6



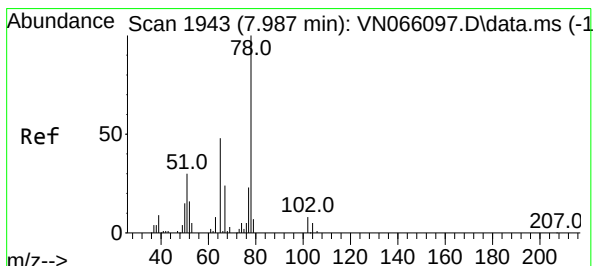
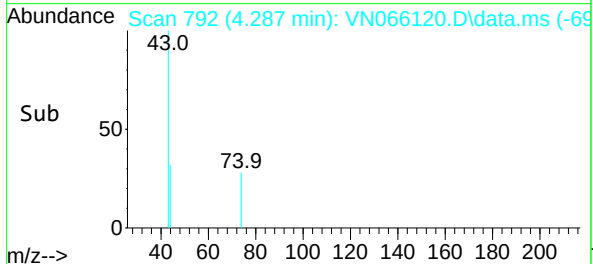
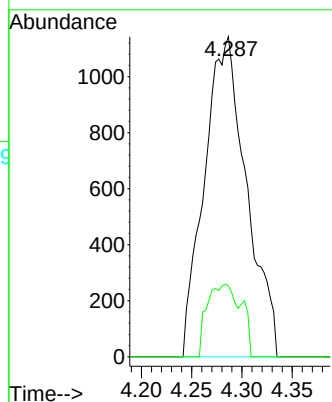


#18
Methyl Acetate
Concen: 6.16 ug/l
RT: 4.287 min Scan# 792
Delta R.T. 0.001 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Instrument :
MSVOA_N
ClientSampled :
41007ME

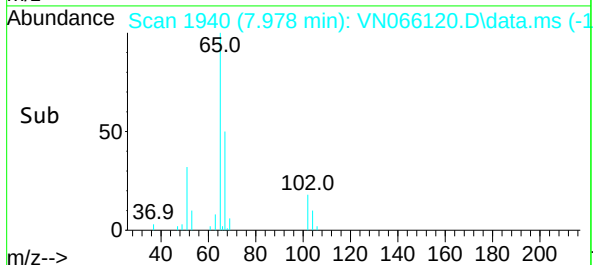
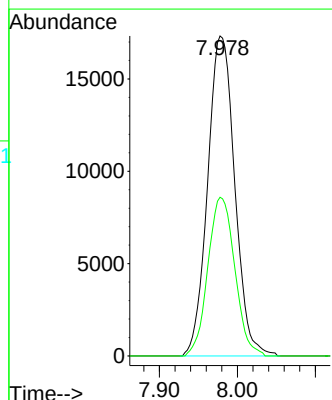
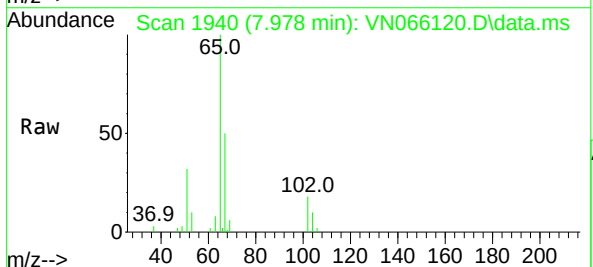


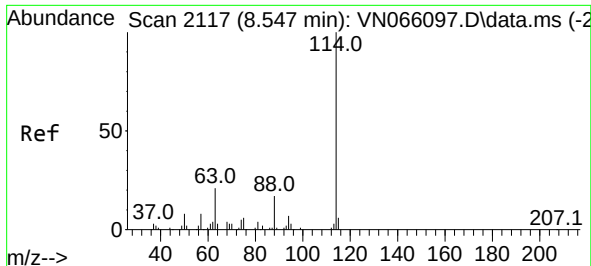
Tgt Ion: 43 Resp: 3324
Ion Ratio Lower Upper
43 100
74 15.1 19.5 29.3#



#33
1,2-Dichloroethane-d4
Concen: 49.52 ug/l
RT: 7.978 min Scan# 1940
Delta R.T. -0.009 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Tgt Ion: 65 Resp: 41902
Ion Ratio Lower Upper
65 100
67 49.2 0.0 107.2

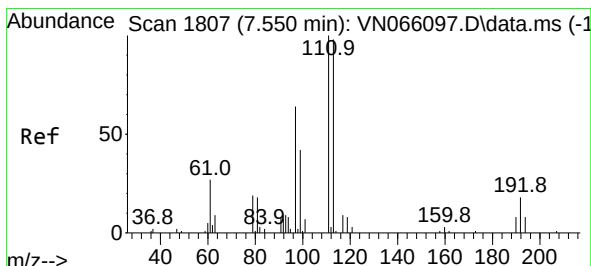
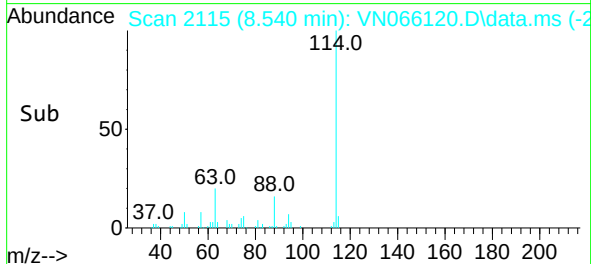
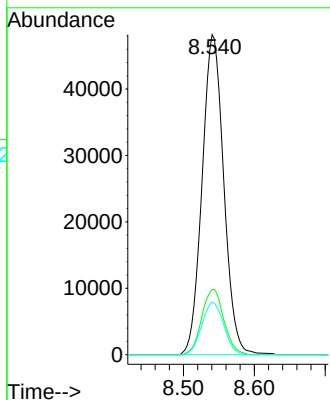
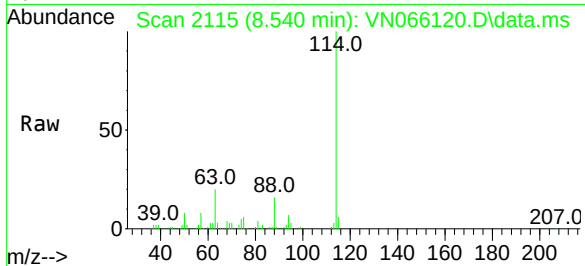




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.540 min Scan# 2115
Delta R.T. -0.007 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

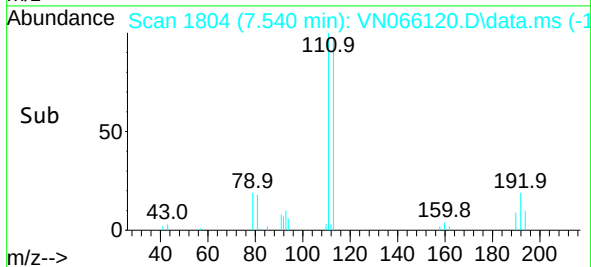
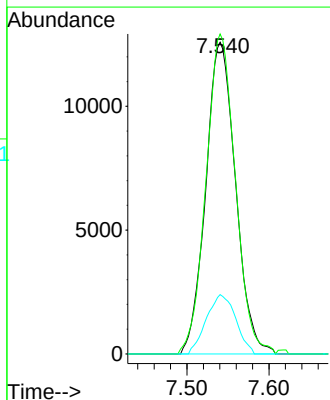
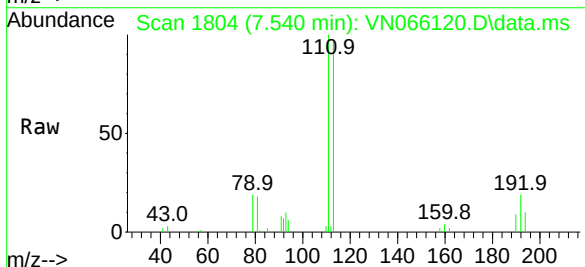
Instrument :
MSVOA_N
ClientSampleId :
41007ME

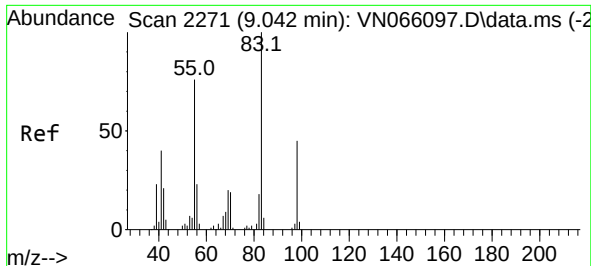
Tgt Ion:114 Resp: 102258
Ion Ratio Lower Upper
114 100
63 20.4 0.0 38.6
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.13 ug/l
RT: 7.540 min Scan# 1804
Delta R.T. -0.010 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

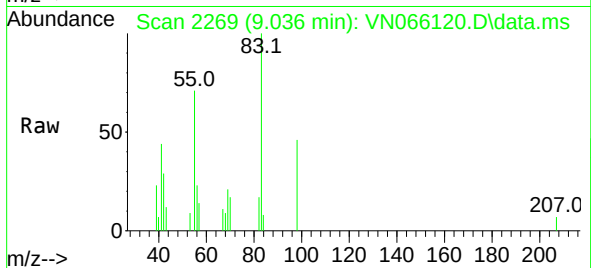
Tgt Ion:113 Resp: 31818
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 18.7 15.4 23.0



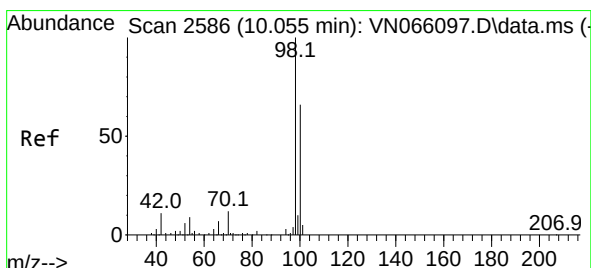
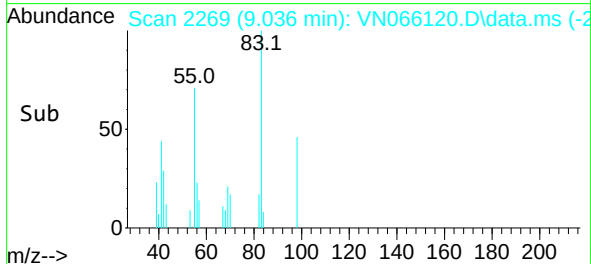
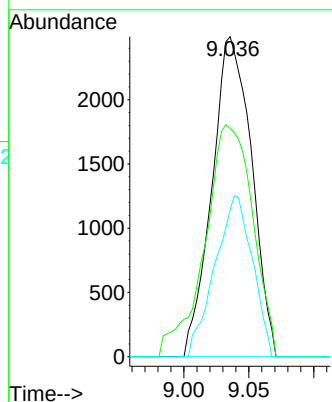


#39
Methylcyclohexane
Concen: 5.08 ug/l
RT: 9.036 min Scan# 2269
Delta R.T. -0.006 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Instrument :
MSVOA_N
ClientSampled :
41007ME

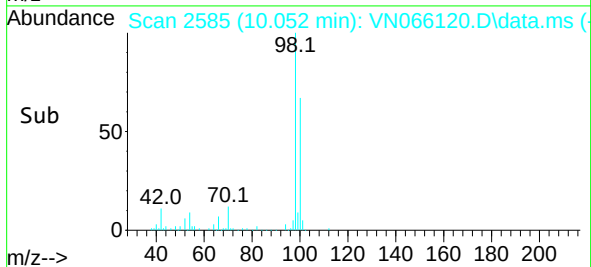
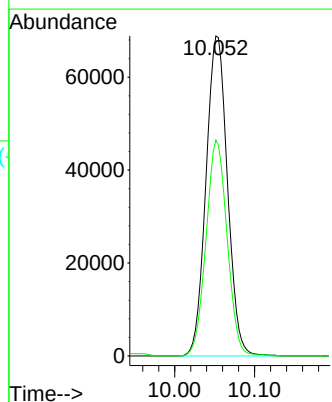
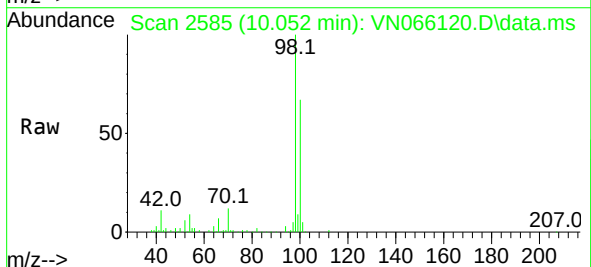


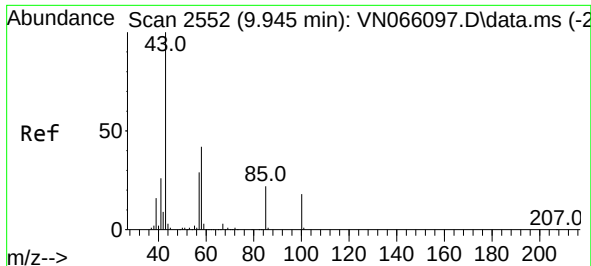
Tgt Ion: 83	Resp: 5278
Ion Ratio	Lower Upper
83 100	
55 71.4	58.9 88.3
98 45.8	35.9 53.9



#50
Toluene-d8
Concen: 50.90 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. -0.003 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Tgt Ion: 98	Resp: 128376
Ion Ratio	Lower Upper
98 100	
100 66.3	50.5 75.7

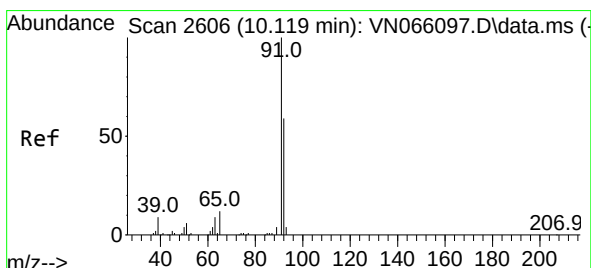
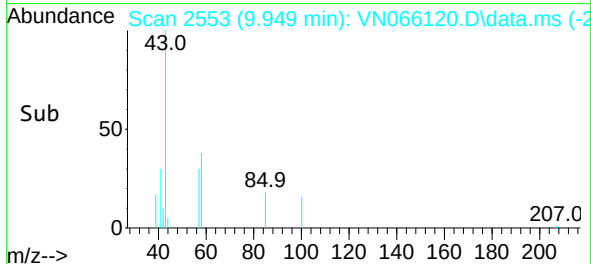
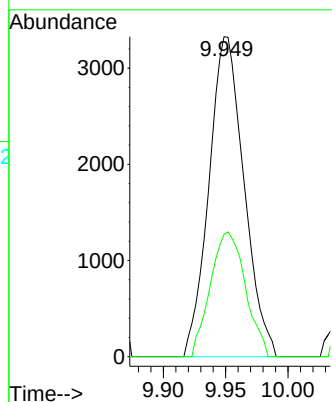
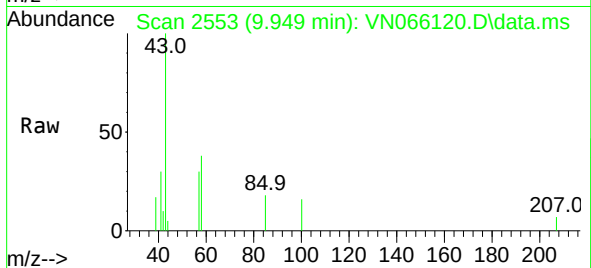




#51
4-Methyl-2-Pentanone
Concen: 8.48 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. 0.004 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

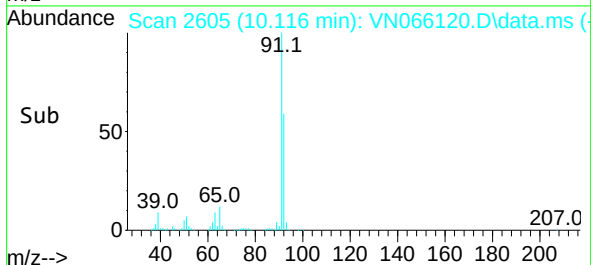
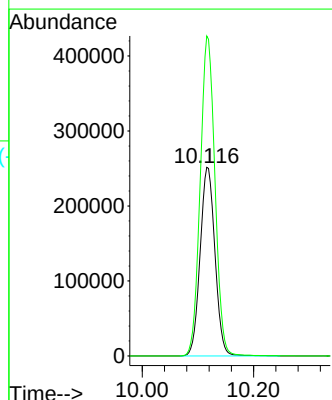
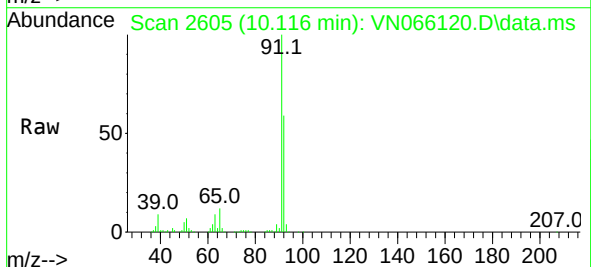
Instrument :
MSVOA_N
ClientSampleId :
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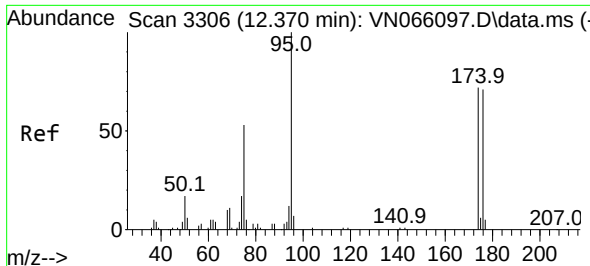
Tgt Ion: 43 Resp: 6504
Ion Ratio Lower Upper
43 100
58 38.9 32.5 48.7



#52
Toluene
Concen: 254.46 ug/l
RT: 10.116 min Scan# 2605
Delta R.T. -0.003 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

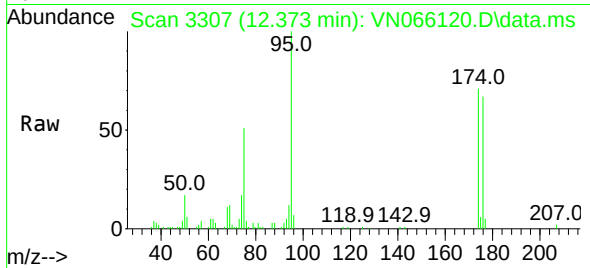
Tgt Ion: 92 Resp: 464657
Ion Ratio Lower Upper
92 100
91 168.9 140.7 211.1



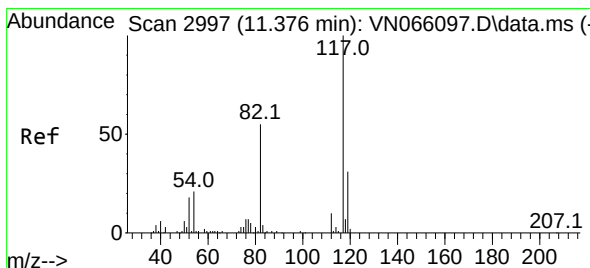
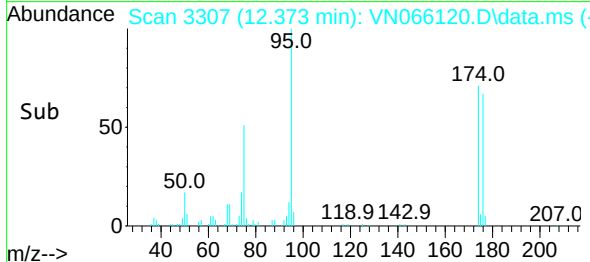
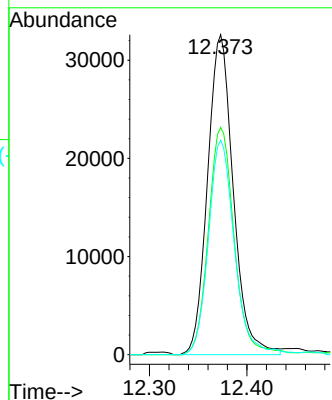


#62
4-Bromofluorobenzene
Concen: 61.64 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Instrument :
MSVOA_N
ClientSampleId :
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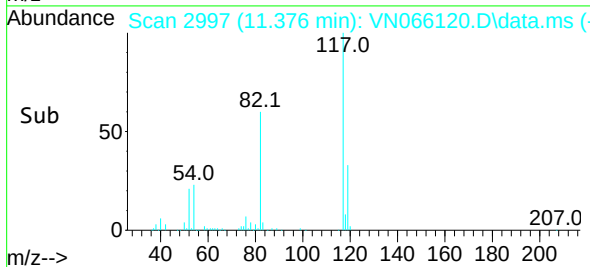
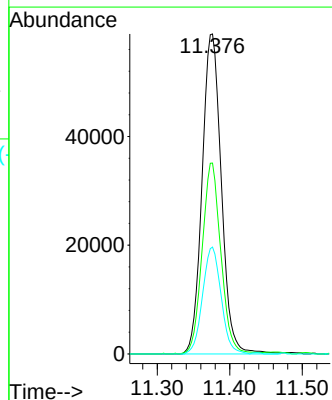
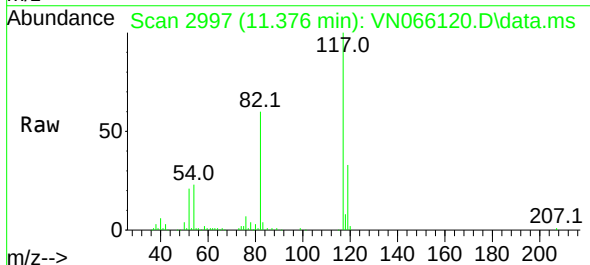


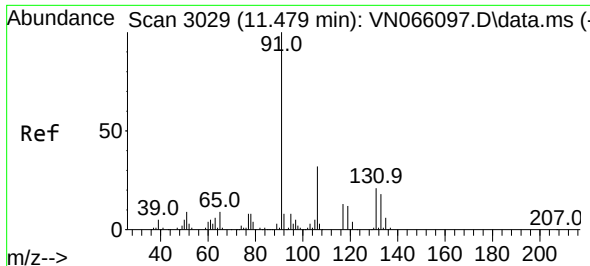
Tgt Ion: 95 Resp: 59878
Ion Ratio Lower Upper
95 100
174 71.1 0.0 169.0
176 67.8 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Tgt Ion: 117 Resp: 108623
Ion Ratio Lower Upper
117 100
82 59.6 43.7 65.5
119 33.4 26.1 39.1

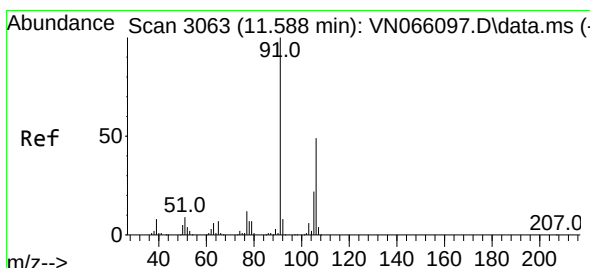
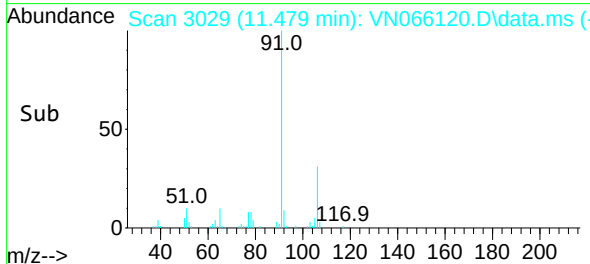
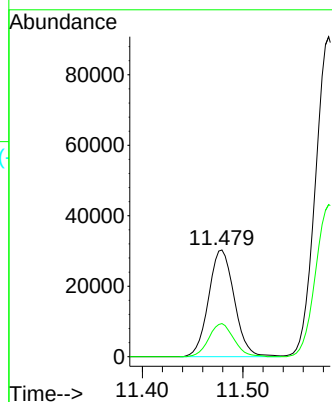
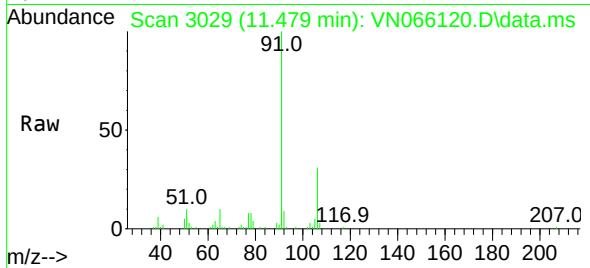




#67
Ethyl Benzene
Concen: 13.20 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

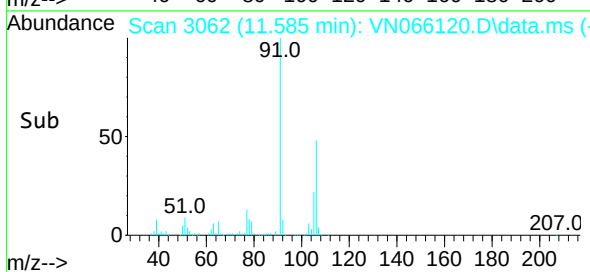
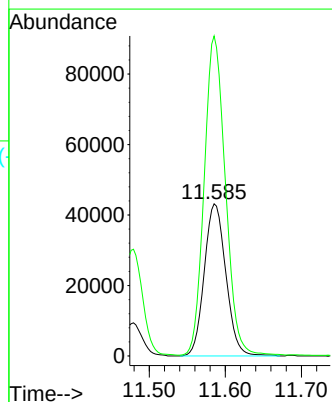
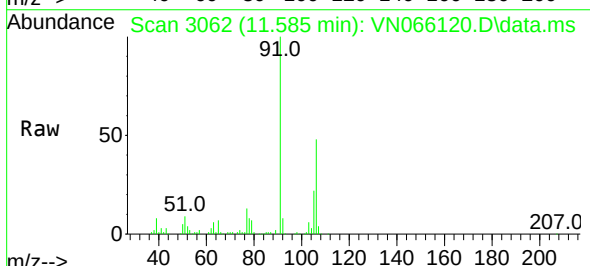
Instrument :
MSVOA_N
ClientSampleId :
41007ME

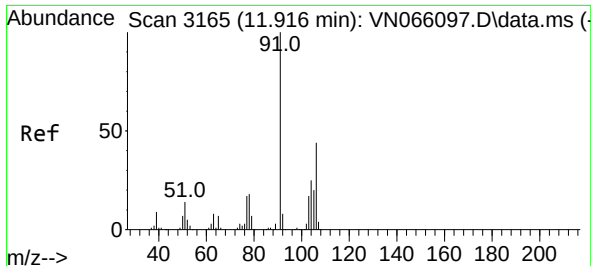
Tgt Ion: 91 Resp: 53923
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 54.01 ug/l
RT: 11.585 min Scan# 3062
Delta R.T. -0.003 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Tgt Ion:106 Resp: 85247
Ion Ratio Lower Upper
106 100
91 205.9 161.4 242.0

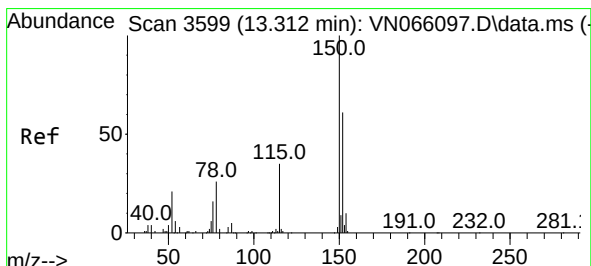
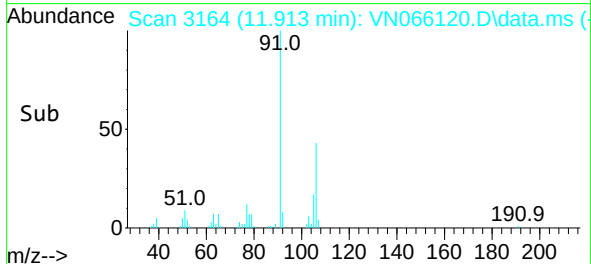
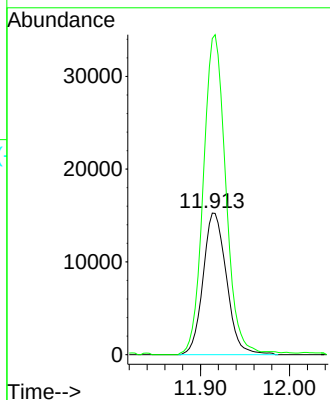
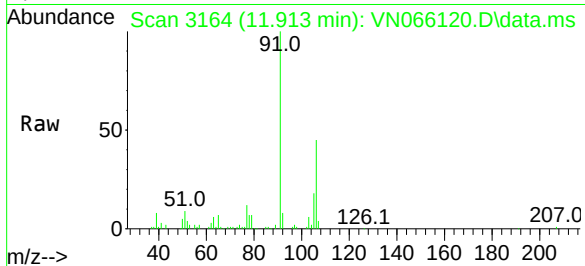




#69
o-Xylene
Concen: 18.10 ug/l
RT: 11.913 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

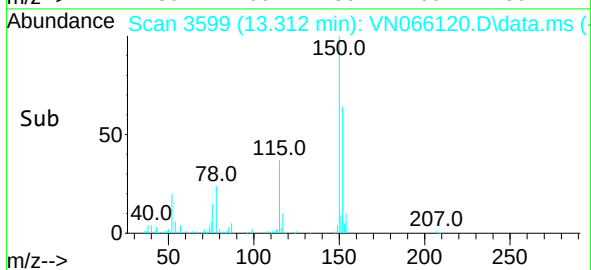
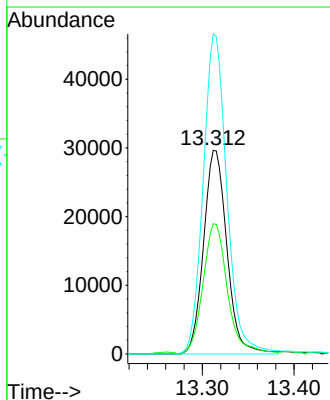
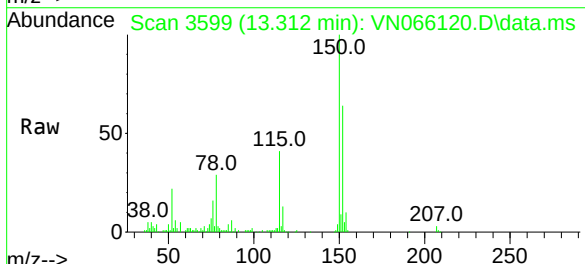
Instrument :
MSVOA_N
ClientSampleId :
41007ME

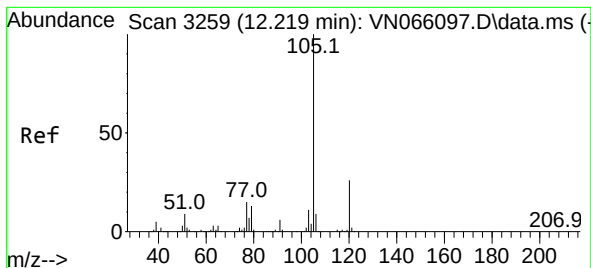
Tgt Ion:106 Resp: 27903
Ion Ratio Lower Upper
106 100
91 216.1 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Tgt Ion:152 Resp: 52509
Ion Ratio Lower Upper
152 100
115 67.1 28.5 85.6
150 159.9 0.0 347.6





#73

Isopropylbenzene

Concen: 1.05 ug/l

RT: 12.219 min Scan# 3259

Delta R.T. -0.000 min

Lab File: VN066120.D

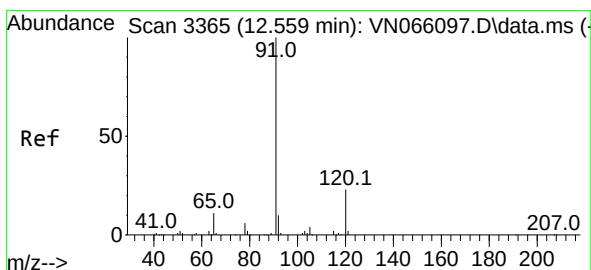
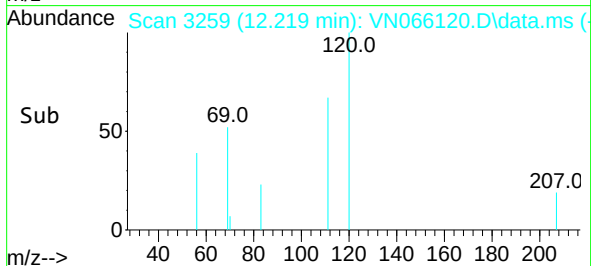
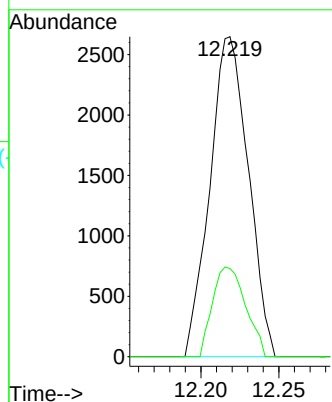
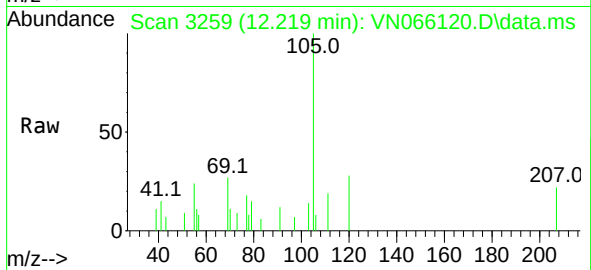
Acq: 3 Mar 2021 13:32

Tgt Ion:105 Resp: 4543

Ion Ratio Lower Upper

105 100

120 24.2 13.3 39.9



#78

n-propylbenzene

Concen: 3.59 ug/l

RT: 12.559 min Scan# 3365

Delta R.T. 0.000 min

Lab File: VN066120.D

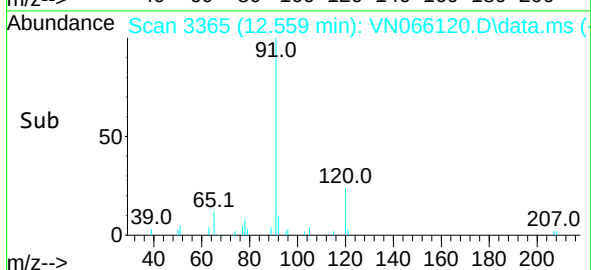
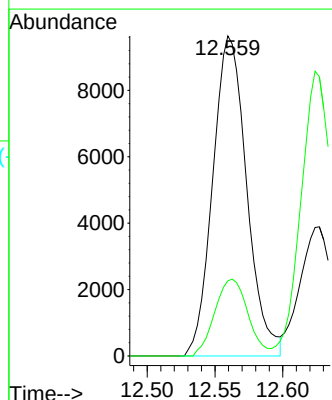
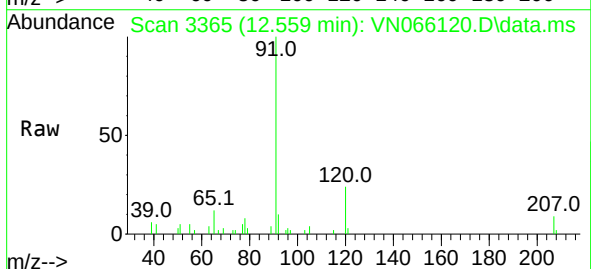
Acq: 3 Mar 2021 13:32

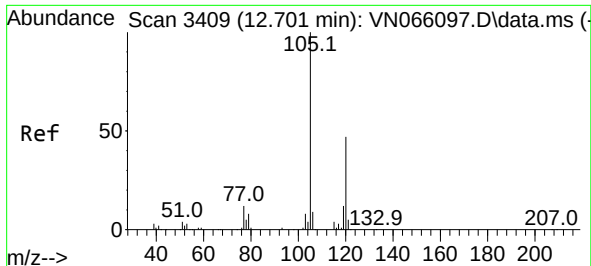
Tgt Ion: 91 Resp: 16772

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.3

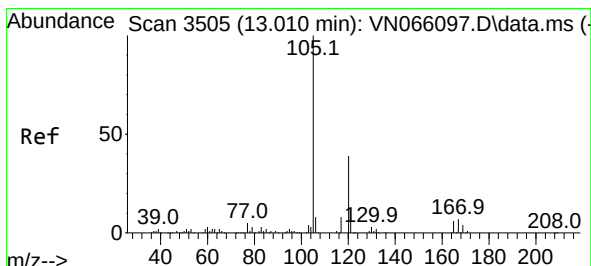
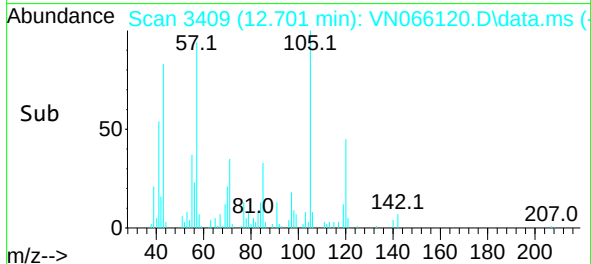
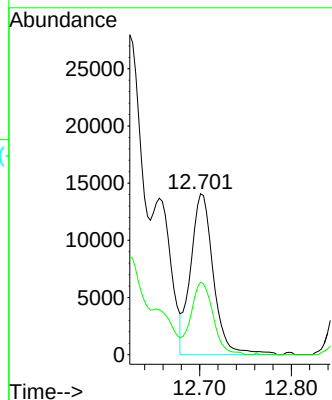
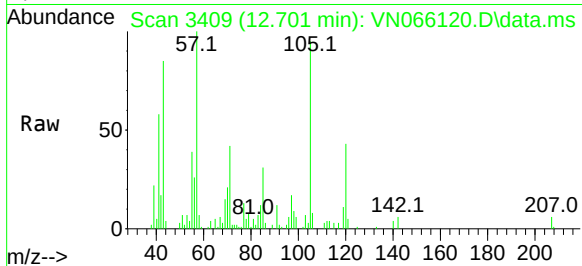




#80
1,3,5-Trimethylbenzene
Concen: 6.37 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

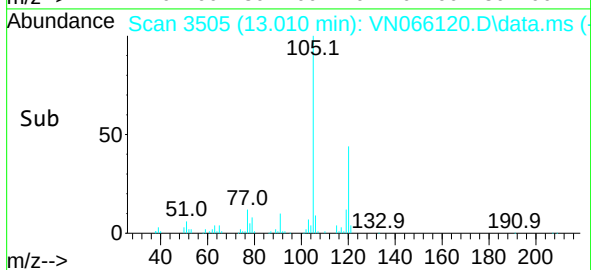
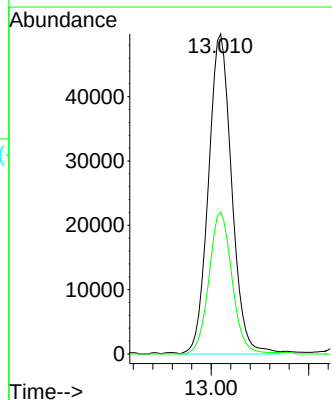
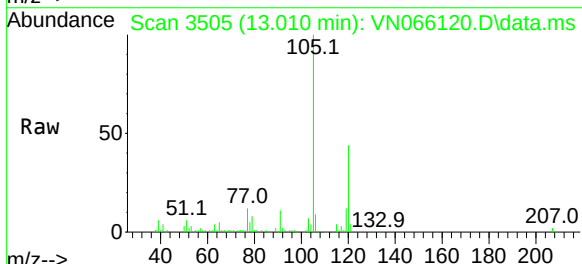
Instrument :
MSVOA_N
ClientSampled :
41007ME

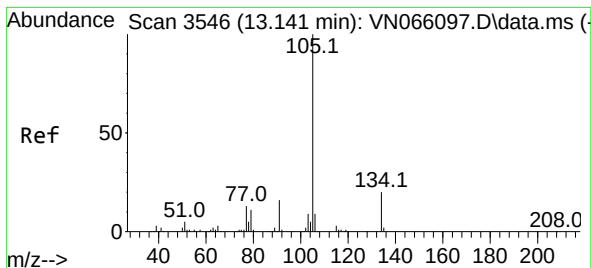
Tgt Ion:105 Resp: 24279
Ion Ratio Lower Upper
105 100
120 43.9 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 22.17 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Tgt Ion:105 Resp: 82605
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0

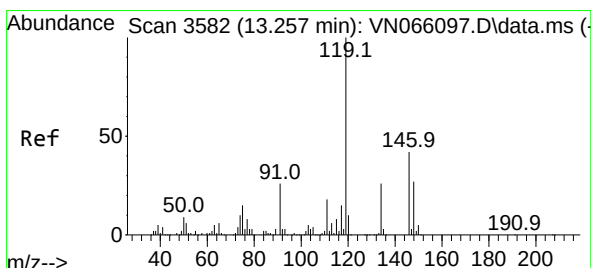
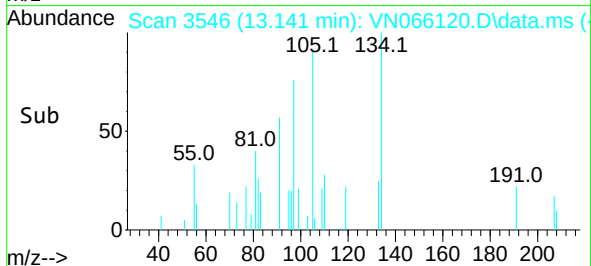
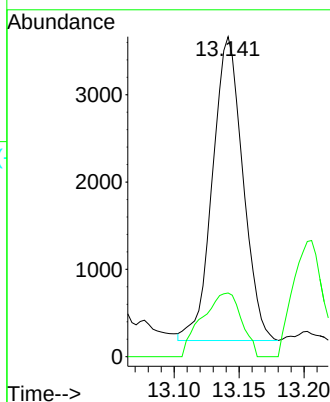
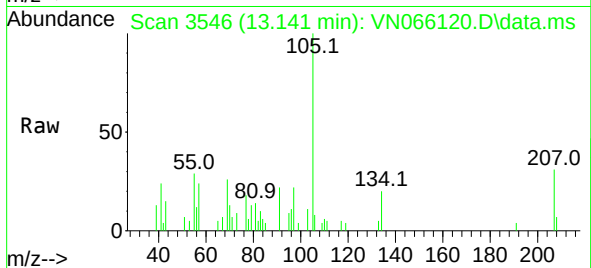




#85
 sec-Butylbenzene
 Concen: 1.47 ug/l
 RT: 13.141 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN066120.D
 Acq: 3 Mar 2021 13:32

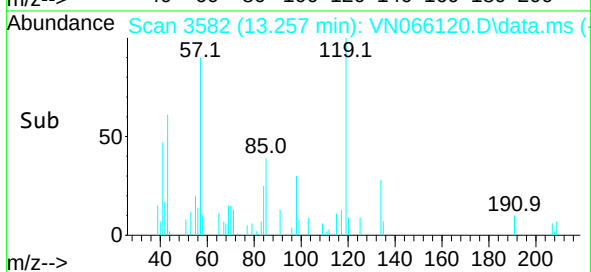
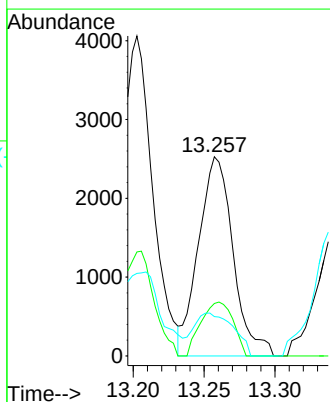
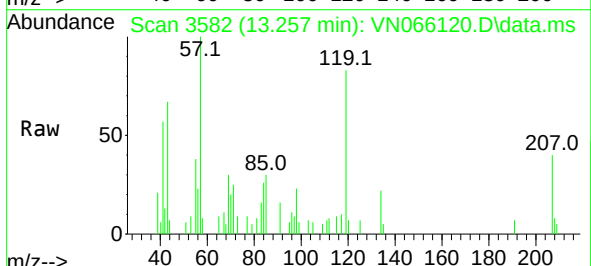
Instrument :
 MSVOA_N
 ClientSampleId :
 41007ME

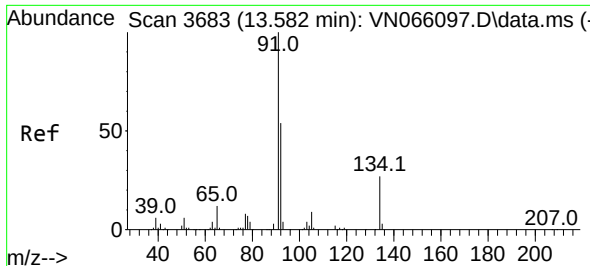
Tgt Ion:105 Resp: 5646
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 1.20 ug/l
 RT: 13.257 min Scan# 3582
 Delta R.T. 0.000 min
 Lab File: VN066120.D
 Acq: 3 Mar 2021 13:32

Tgt Ion:119 Resp: 4295
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.3 39.8
 91 25.0 11.8 35.3

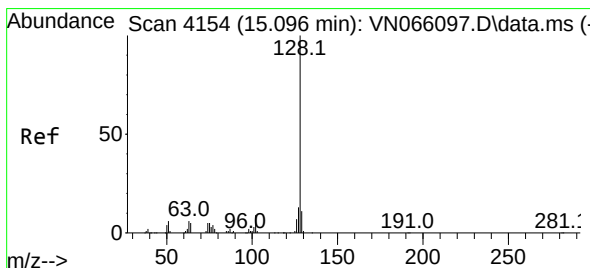
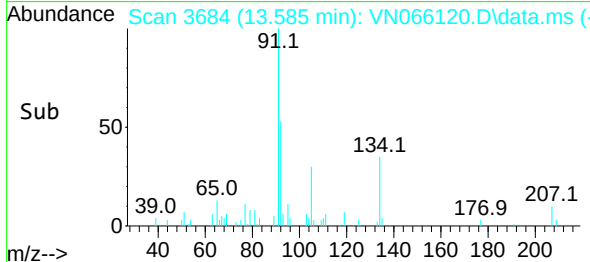
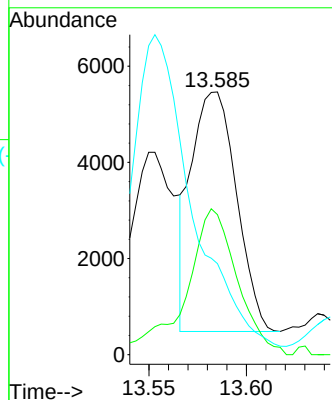
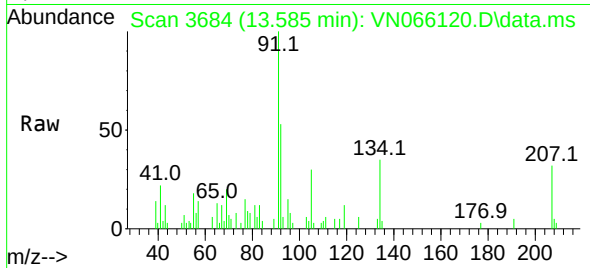




#89
n-Butylbenzene
Concen: 2.83 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.003 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Instrument :
MSVOA_N
ClientSampleId :
41007ME

Tgt Ion: 91 Resp: 8001
Ion Ratio Lower Upper
91 100
92 68.7 26.1 78.3
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 8.42 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN066120.D
Acq: 3 Mar 2021 13:32

Tgt Ion: 128 Resp: 24652
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.6 8.6 13.0

