

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067131.D
 Acq On : 18 May 2021 16:51
 Operator : JC/MD
 Sample : M2387-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31055

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 4:00:03 PM

Quant Time: May 19 02:50:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.600	168	634752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	887401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	771715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	327643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	306921	44.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.52%		
35) Dibromofluoromethane	7.519	113	286310	49.14	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.28%		
50) Toluene-d8	10.037	98	1105535	50.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.12%		
62) 4-Bromofluorobenzene	12.357	95	346880	46.89	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.78%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.716	59	24957m	21.83	ug/l	
16) Acetone	3.772	43	143812	67.48	ug/l	99
18) Methyl Acetate	4.279	43	8693	1.37	ug/l #	87
25) 2-Butanone	6.760	43	52482	15.79	ug/l	99
40) Benzene	7.975	78	44686	1.82	ug/l	100
51) 4-Methyl-2-Pentanone	9.936	43	8185	6.52	ug/l	98
52) Toluene	10.102	92	60156	3.79	ug/l	98
67) Ethyl Benzene	11.472	91	16279	0.56	ug/l	96
68) m/p-Xylenes	11.574	106	23807	2.13	ug/l	90
69) o-Xylene	11.904	106	11096	0.98	ug/l	96
70) Styrene	11.934	104	39433	2.25	ug/l	96
84) 1,2,4-Trimethylbenzene	13.001	105	14151	0.67	ug/l	98
95) Naphthalene	15.088	128	202317	16.84	ug/l	99

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

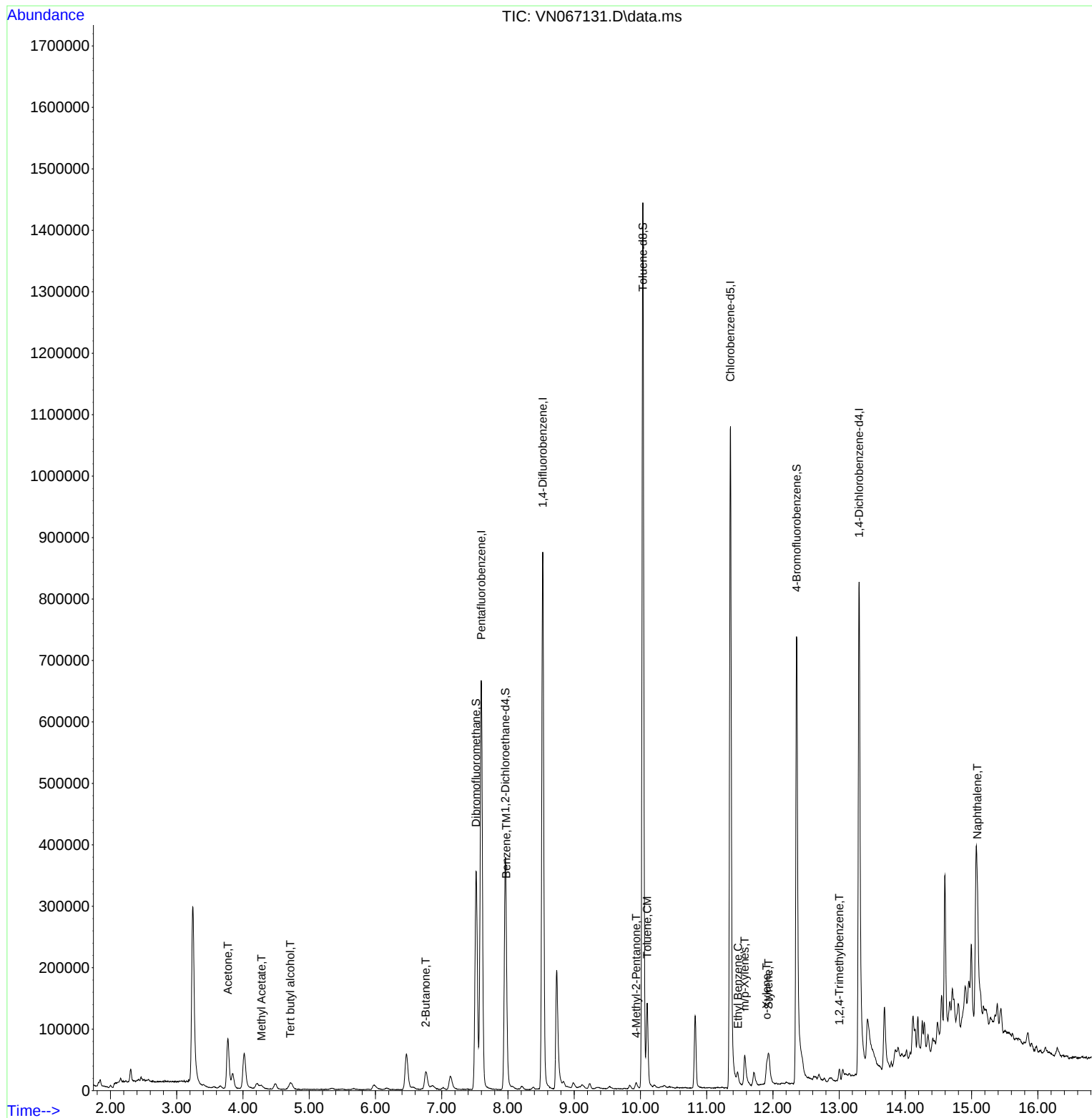
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
Data File : VN067131.D
Acq On : 18 May 2021 16:51
Operator : JC/MD
Sample : M2387-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

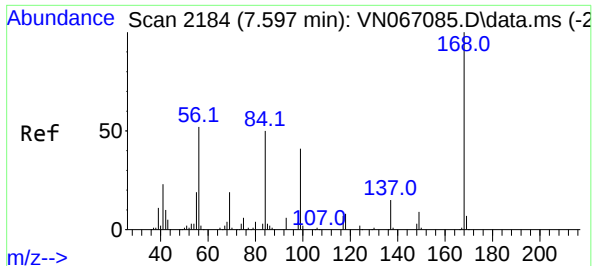
Instrument :
MSVOA_N
ClientSampleId :
31055

Manual Integrations
APPROVED

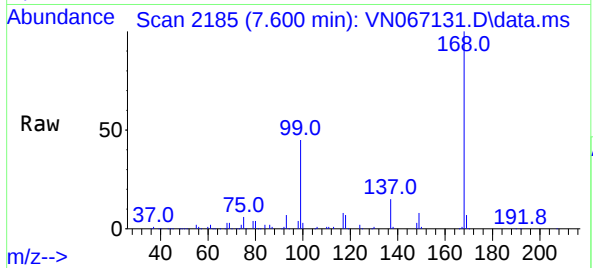
MMDadoda
5/19/2021 4:00:03 PM

Quant Time: May 19 02:50:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

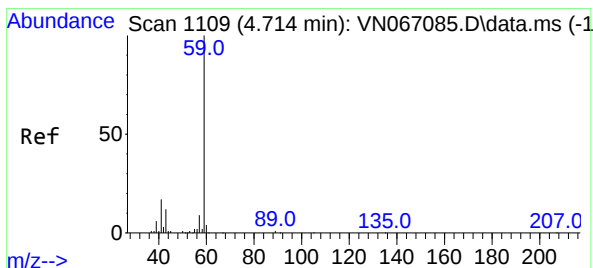
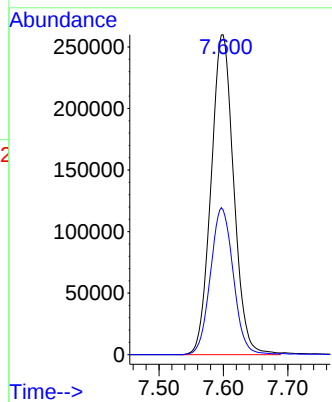
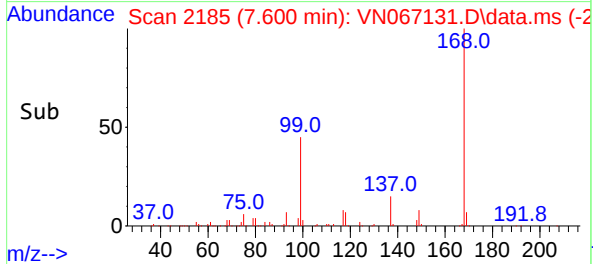




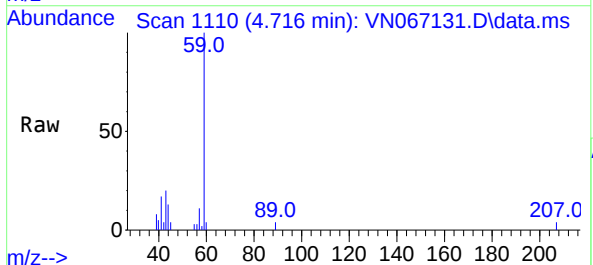
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



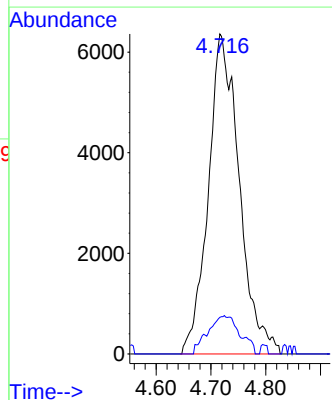
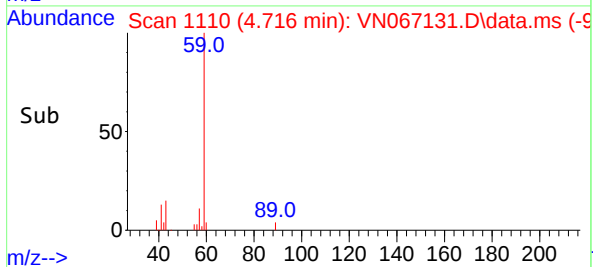
Tgt Ion:168 Resp: 634752
Ion Ratio Lower Upper
168 100
99 45.3 38.5 57.7



#11
Tert butyl alcohol
Concen: 21.83 ug/l m
RT: 4.716 min Scan# 1110
Delta R.T. 0.002 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



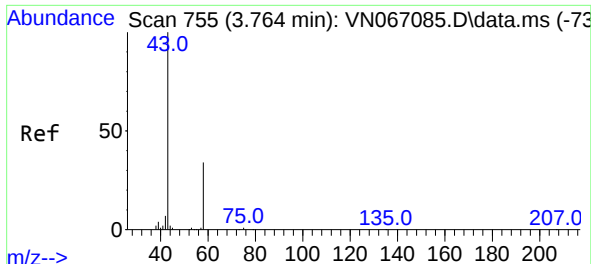
Tgt Ion: 59 Resp: 24957
Ion Ratio Lower Upper
59 100
57 6.1 3.5 5.3#



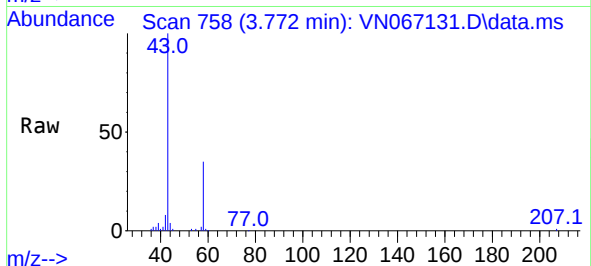
Instrument :
MSVOA_N
ClientSampleId :
31055

Manual Integrations
APPROVED

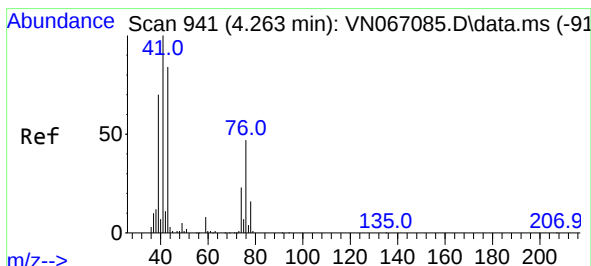
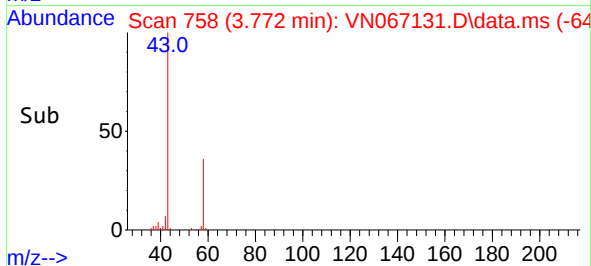
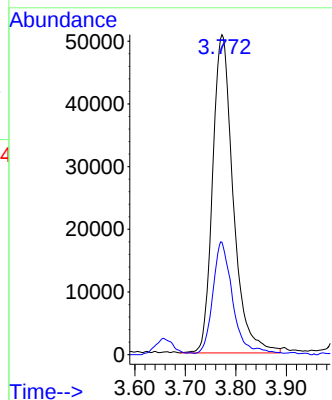
MMDadoda
5/19/2021 4:00:03 PM



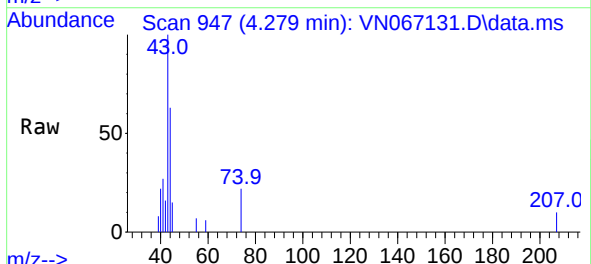
#16
Acetone
Concen: 67.48 ug/l
RT: 3.772 min Scan# 758
Delta R.T. 0.008 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



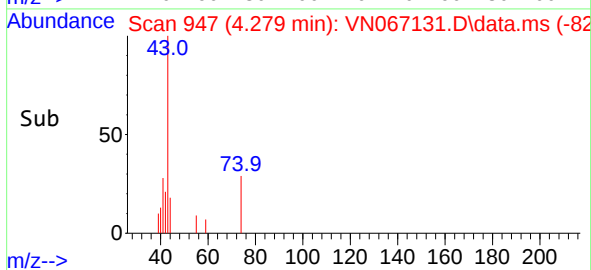
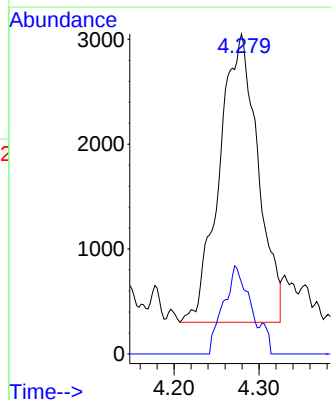
Tgt Ion: 43 Resp: 143812
Ion Ratio Lower Upper
43 100
58 34.7 27.2 40.8



#18
Methyl Acetate
Concen: 1.37 ug/l
RT: 4.279 min Scan# 947
Delta R.T. 0.016 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



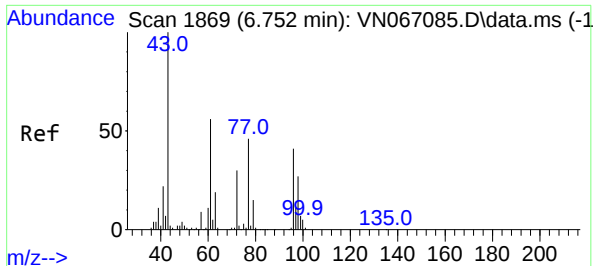
Tgt Ion: 43 Resp: 8693
Ion Ratio Lower Upper
43 100
74 19.8 21.4 32.2#



Instrument :
MSVOA_N
ClientSampleId :
31055

Manual Integrations
APPROVED

MMDadoda
5/19/2021 4:00:03 PM



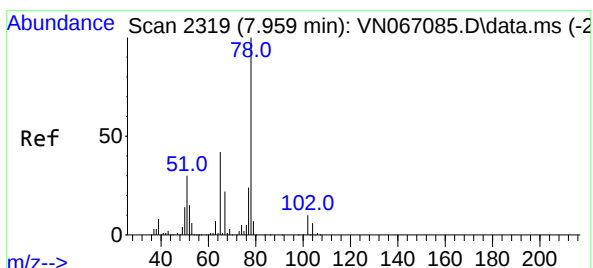
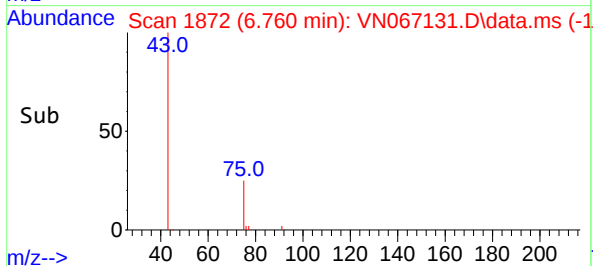
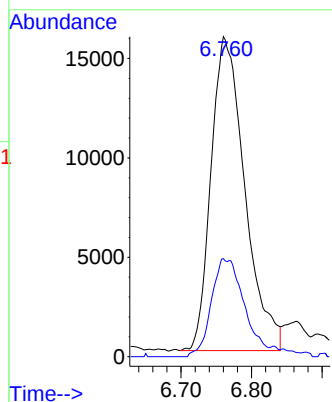
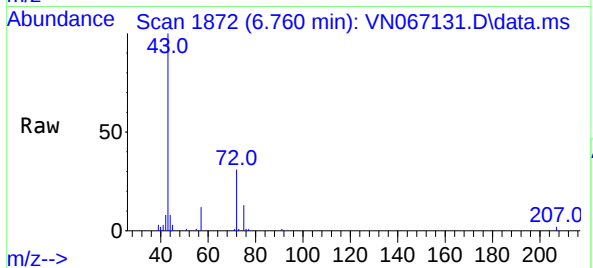
#25
2-Butanone
Concen: 15.79 ug/l
RT: 6.760 min Scan# 1872
Delta R.T. 0.008 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

Tgt Ion: 43 Resp: 52482
Ion Ratio Lower Upper
43 100
72 31.3 24.4 36.6

Instrument :
MSVOA_N
ClientSampled :
31055

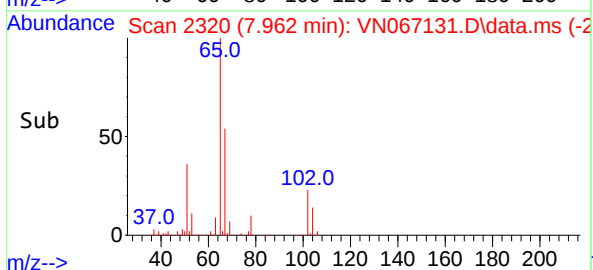
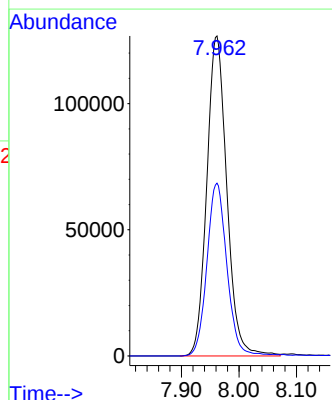
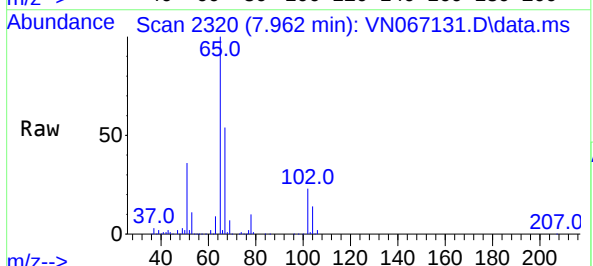
Manual Integrations
APPROVED

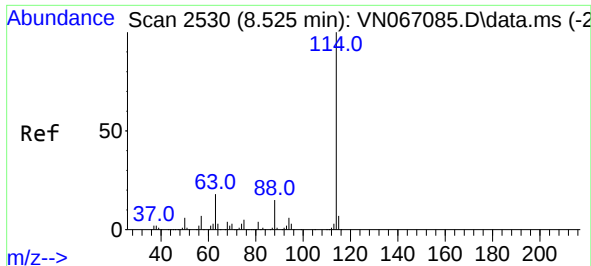
MMDadoda
5/19/2021 4:00:03 PM



#33
1,2-Dichloroethane-d4
Concen: 44.76 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

Tgt Ion: 65 Resp: 306921
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.4





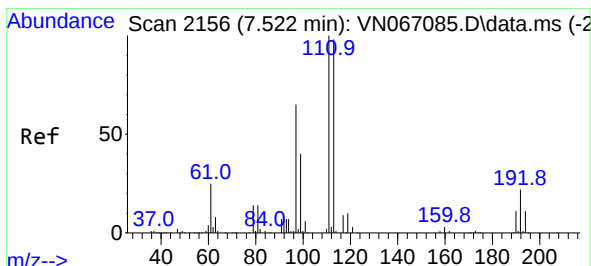
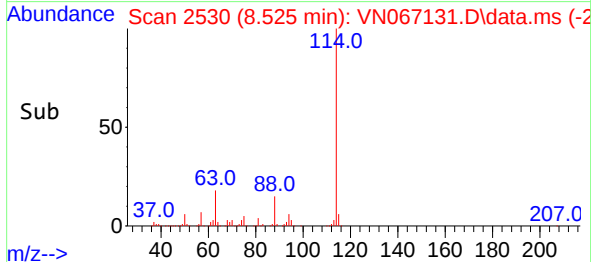
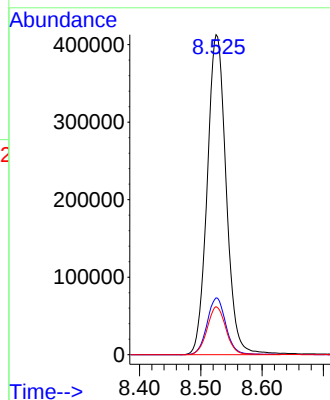
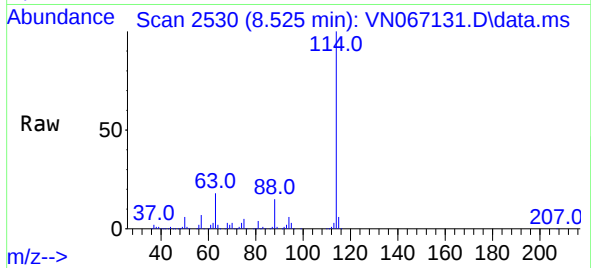
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.8
88	15.0	0.0	30.4

Instrument :
MSVOA_N
ClientSampleId :
31055

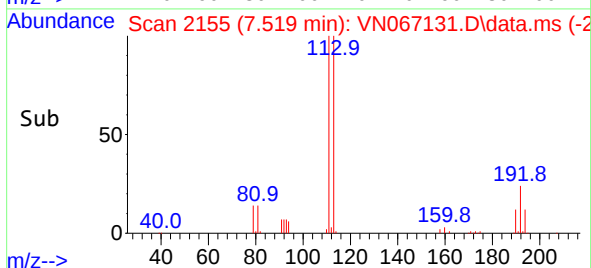
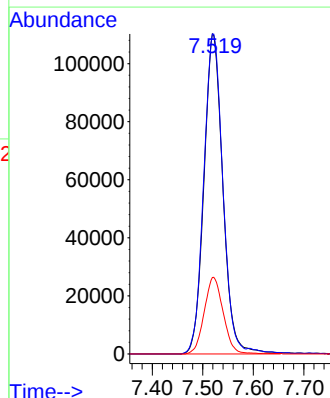
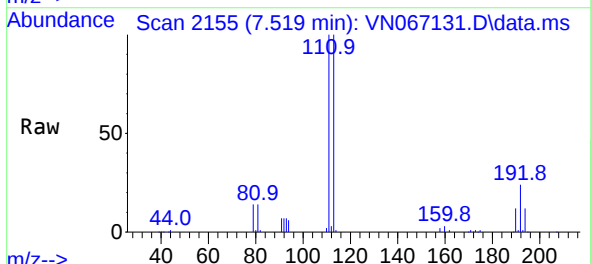
Manual Integrations
APPROVED

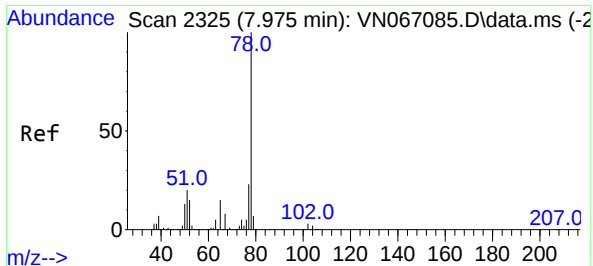
MMDadoda
5/19/2021 4:00:03 PM



#35
Dibromofluoromethane
Concen: 49.14 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

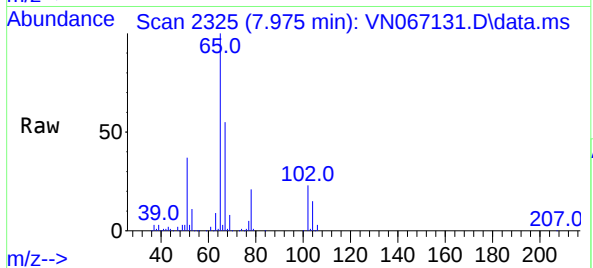
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.6	124.0
192	24.1	18.2	27.4





#40
Benzene
Concen: 1.82 ug/l
RT: 7.975 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

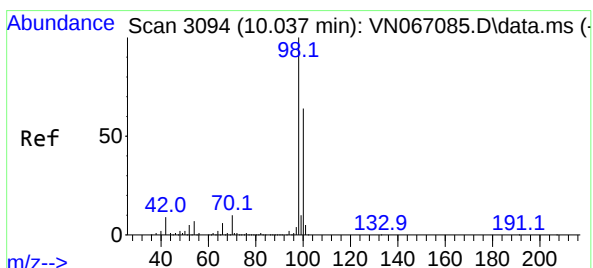
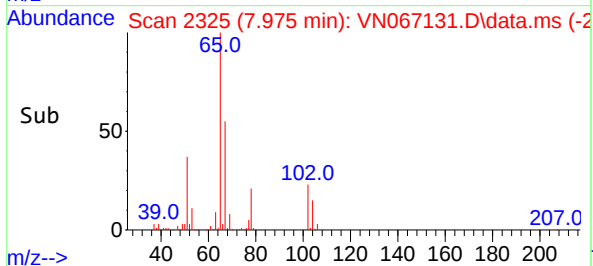
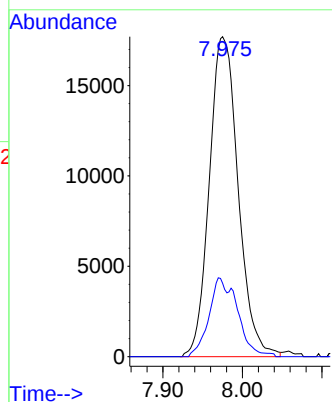
Instrument :
MSVOA_N
ClientSampled :
31055



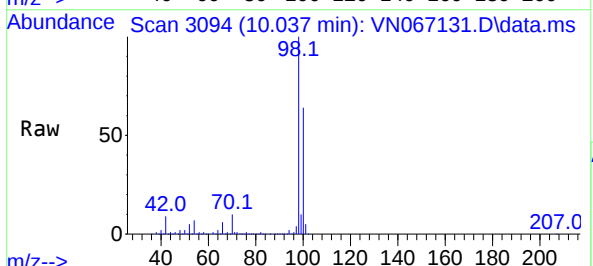
Tgt Ion: 78 Resp: 44686
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6

Manual Integrations
APPROVED

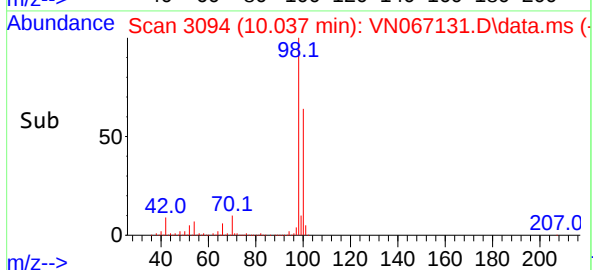
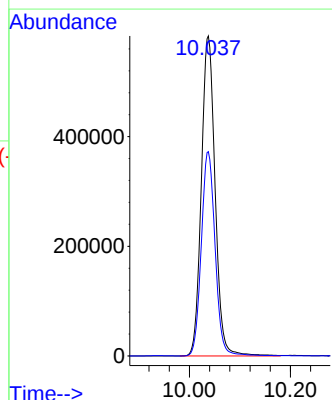
MMDadoda
5/19/2021 4:00:03 PM

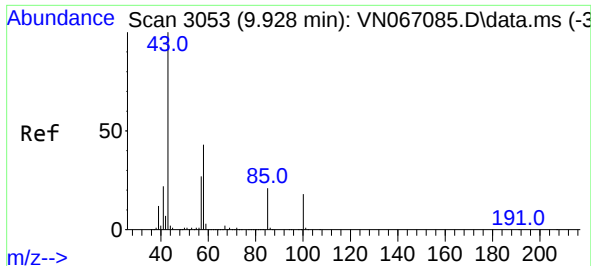


#50
Toluene-d8
Concen: 50.06 ug/l
RT: 10.037 min Scan# 3094
Delta R.T. 0.000 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



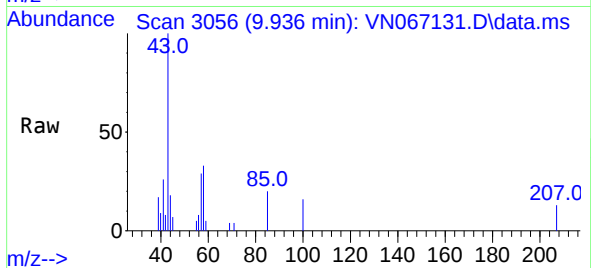
Tgt Ion: 98 Resp: 1105535
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8





#51
4-Methyl-2-Pentanone
Concen: 6.52 ug/l
RT: 9.936 min Scan# 3056
Delta R.T. 0.008 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

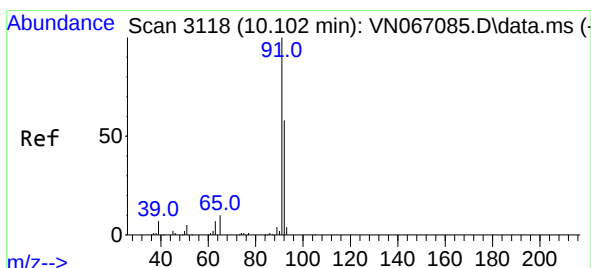
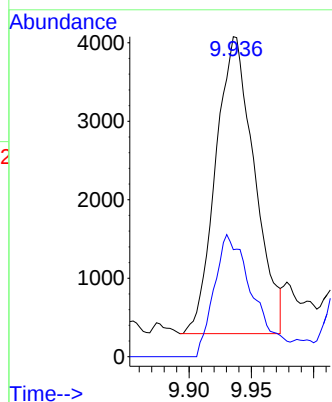
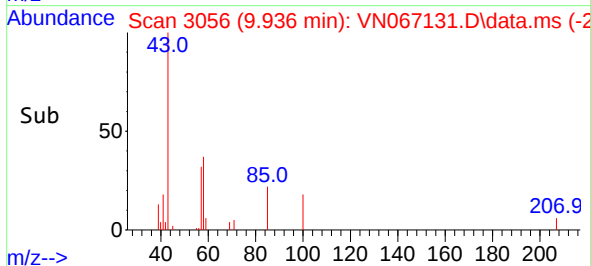
Instrument :
MSVOA_N
ClientSampled :
31055



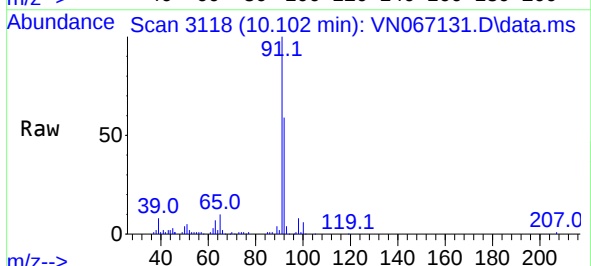
Tgt Ion: 43 Resp: 8185
Ion Ratio Lower Upper
43 100
58 41.5 34.5 51.7

Manual Integrations
APPROVED

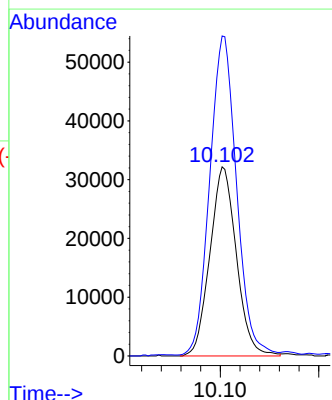
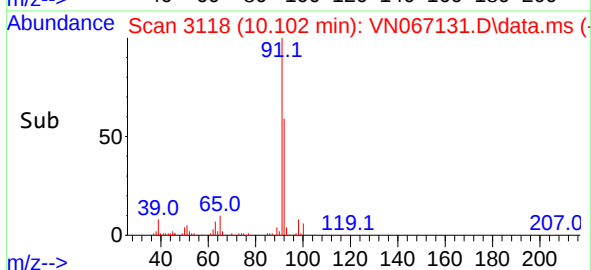
MMDadoda
5/19/2021 4:00:03 PM

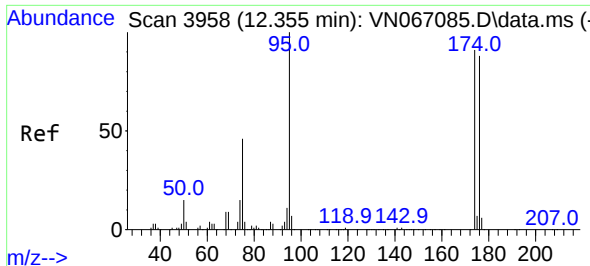


#52
Toluene
Concen: 3.79 ug/l
RT: 10.102 min Scan# 3118
Delta R.T. -0.000 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



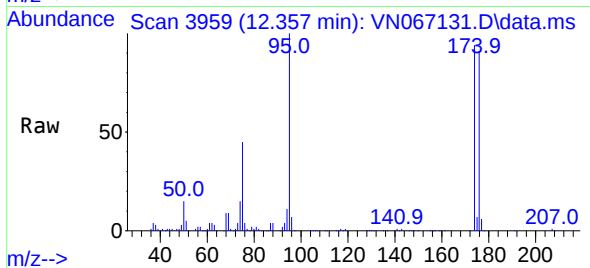
Tgt Ion: 92 Resp: 60156
Ion Ratio Lower Upper
92 100
91 170.5 138.7 208.1





#62
4-Bromofluorobenzene
Concen: 46.89 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

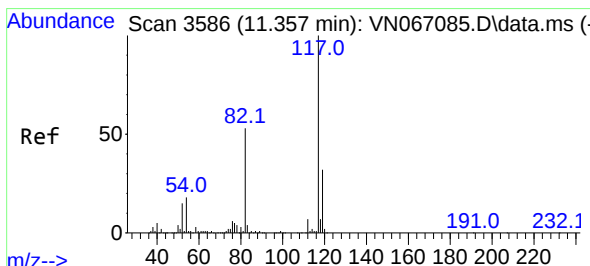
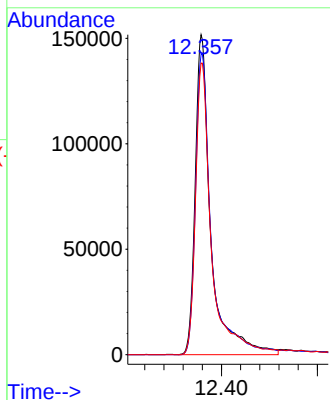
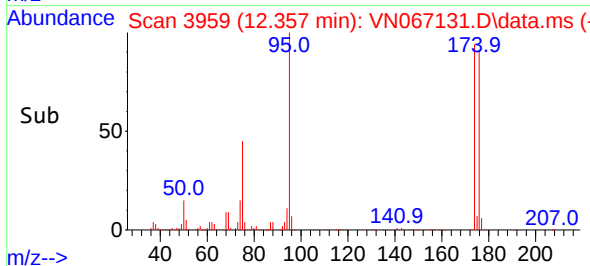
Instrument :
MSVOA_N
ClientSampleId :
31055



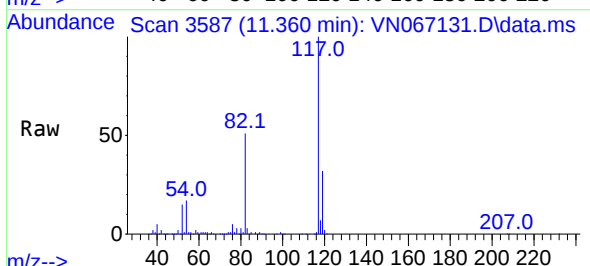
Tgt Ion: 95 Resp: 346880
Ion Ratio Lower Upper
95 100
174 95.1 0.0 182.8
176 90.9 0.0 176.6

Manual Integrations
APPROVED

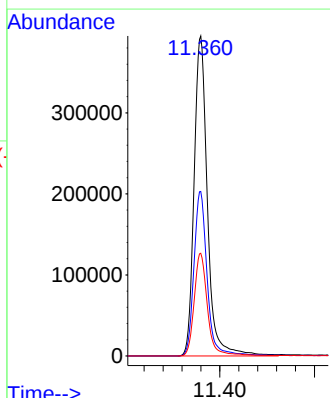
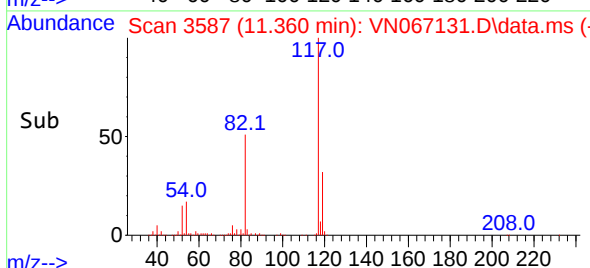
MMDadoda
5/19/2021 4:00:03 PM

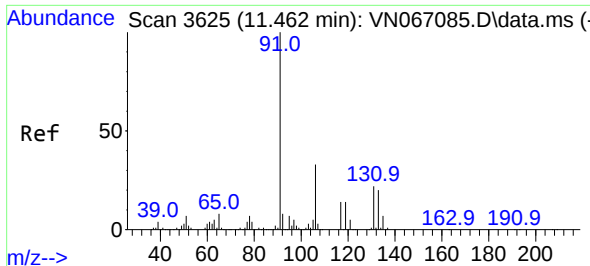


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

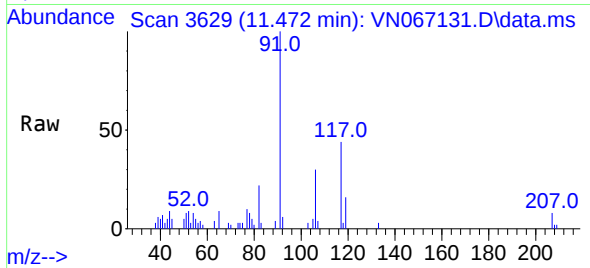


Tgt Ion: 117 Resp: 771715
Ion Ratio Lower Upper
117 100
82 51.4 42.2 63.2
119 32.1 25.8 38.6

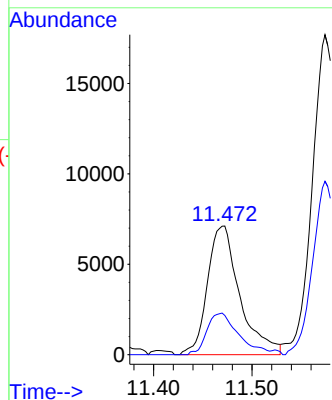




#67
Ethyl Benzene
Concen: 0.56 ug/l
RT: 11.472 min Scan# 3629
Delta R.T. 0.010 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



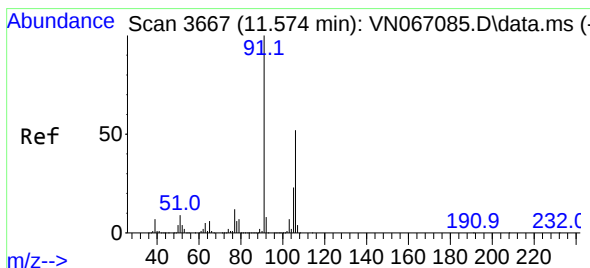
Tgt Ion: 91 Resp: 16279
Ion Ratio Lower Upper
91 100
106 30.4 26.2 39.2



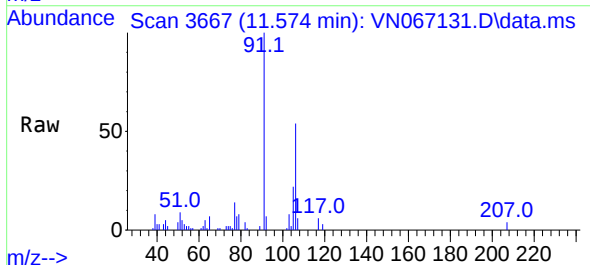
Instrument :
MSVOA_N
ClientSampleId :
31055

Manual Integrations
APPROVED

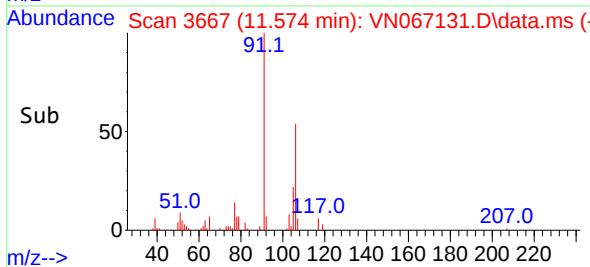
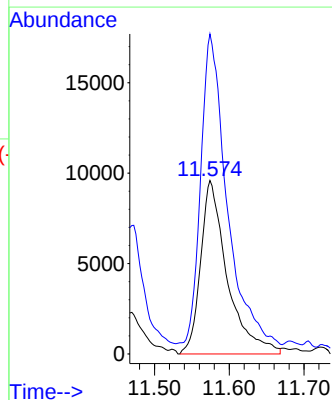
MMDadoda
5/19/2021 4:00:03 PM

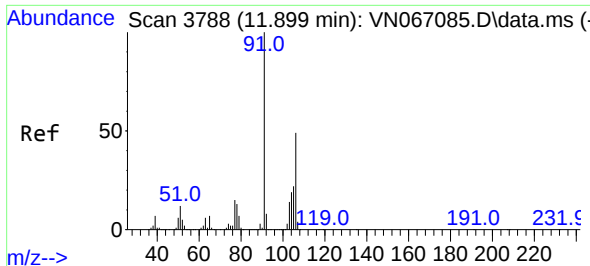


#68
m/p-Xylenes
Concen: 2.13 ug/l
RT: 11.574 min Scan# 3667
Delta R.T. 0.000 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



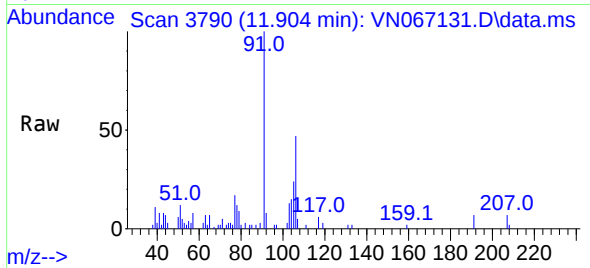
Tgt Ion:106 Resp: 23807
Ion Ratio Lower Upper
106 100
91 178.8 155.2 232.8





#69
o-Xylene
Concen: 0.98 ug/l
RT: 11.904 min Scan# 3790
Delta R.T. 0.005 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

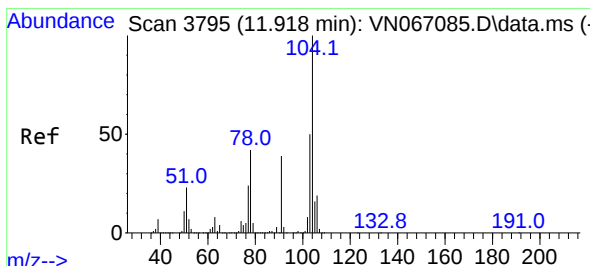
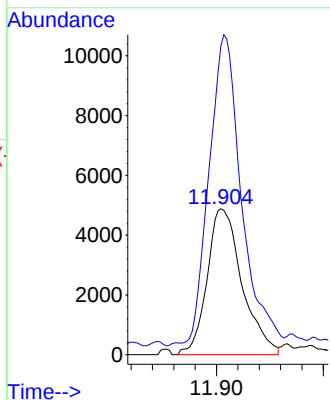
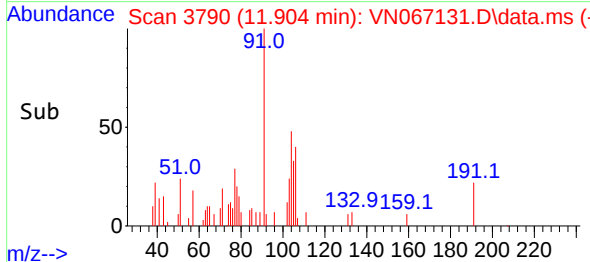
Instrument :
MSVOA_N
ClientSampleId :
31055



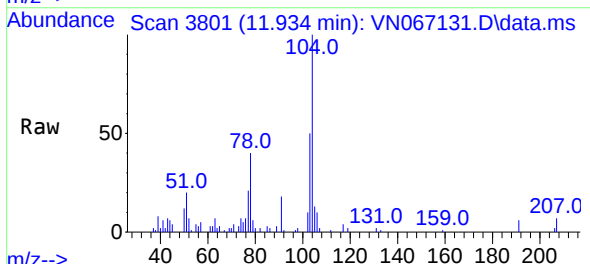
Tgt Ion:106 Resp: 11096
Ion Ratio Lower Upper
106 100
91 198.0 102.3 306.8

Manual Integrations
APPROVED

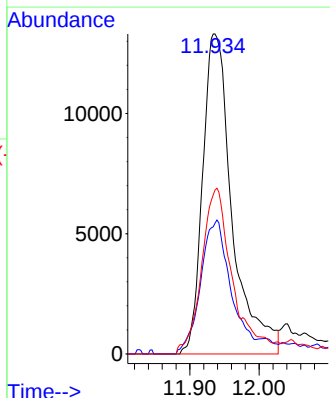
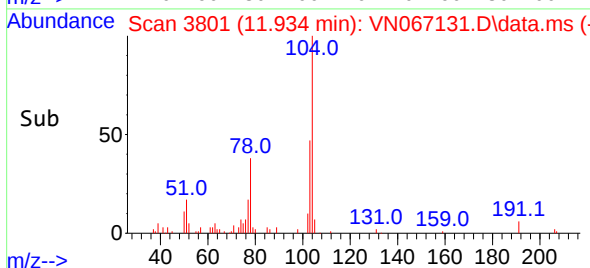
MMDadoda
5/19/2021 4:00:03 PM

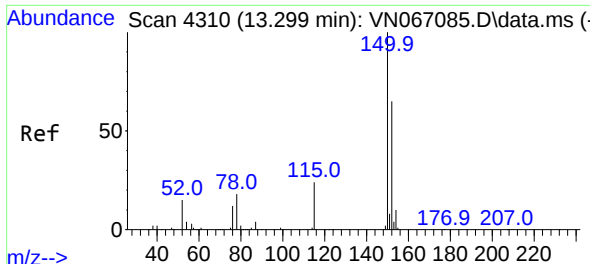


#70
Styrene
Concen: 2.25 ug/l
RT: 11.934 min Scan# 3801
Delta R.T. 0.016 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51

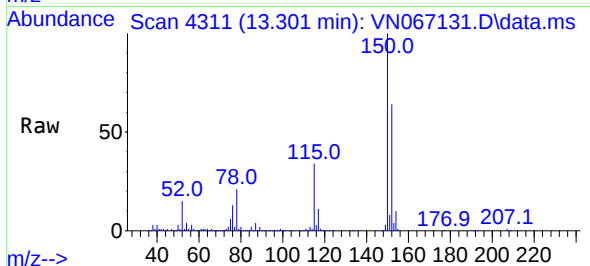


Tgt Ion:104 Resp: 39433
Ion Ratio Lower Upper
104 100
78 42.8 37.7 56.5
103 53.6 44.2 66.4

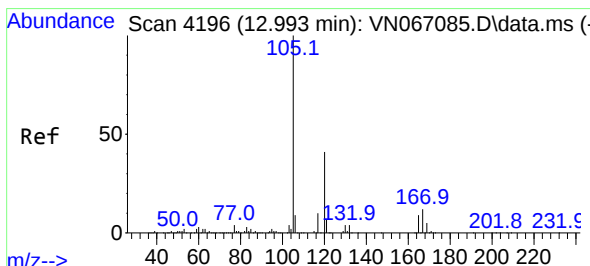
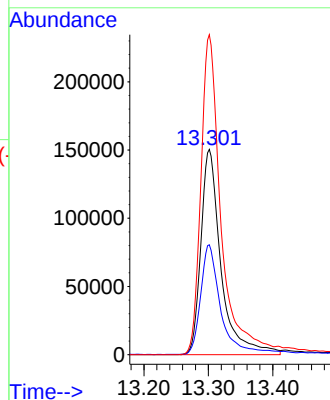
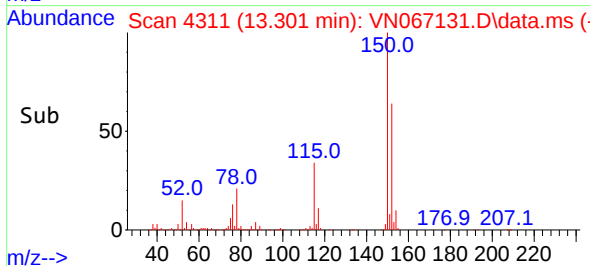




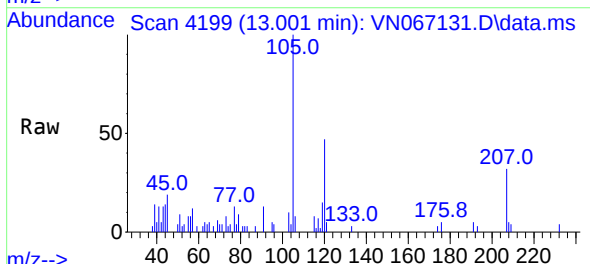
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.301 min Scan# 4311
Delta R.T. 0.002 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



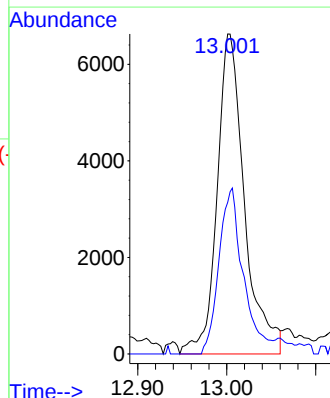
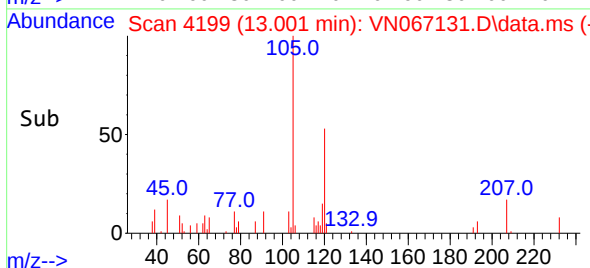
Tgt Ion:152 Resp: 327643
Ion Ratio Lower Upper
152 100
115 52.1 27.0 80.8
150 155.1 0.0 350.2



#84
1,2,4-Trimethylbenzene
Concen: 0.67 ug/l
RT: 13.001 min Scan# 4199
Delta R.T. 0.008 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



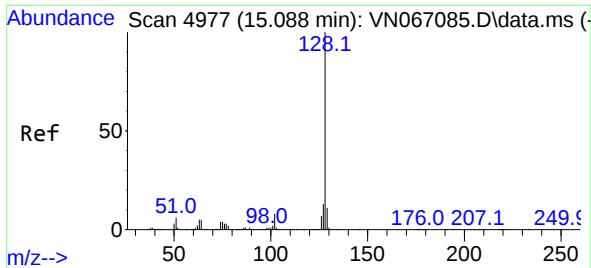
Tgt Ion:105 Resp: 14151
Ion Ratio Lower Upper
105 100
120 46.1 23.8 71.2



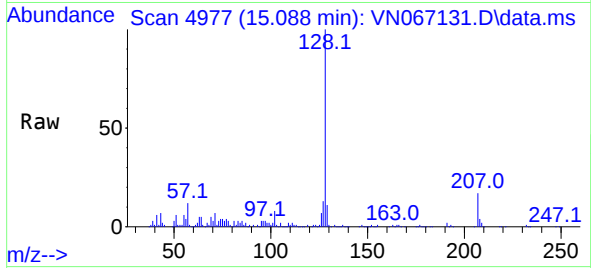
Instrument :
MSVOA_N
ClientSampleId :
31055

Manual Integrations
APPROVED

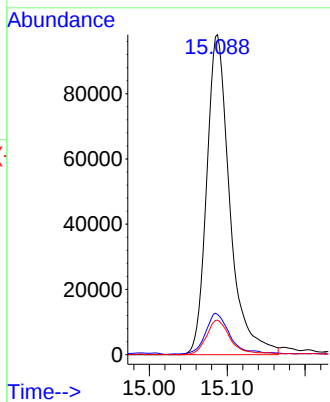
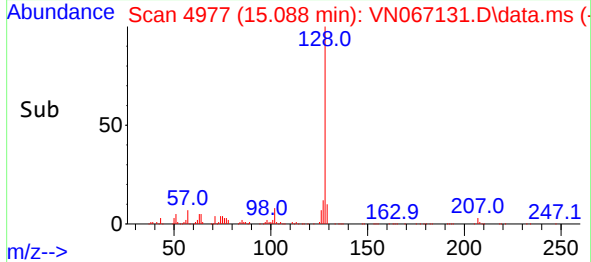
MMDadoda
5/19/2021 4:00:03 PM



#95
Naphthalene
Concen: 16.84 ug/l
RT: 15.088 min Scan# 4977
Delta R.T. -0.000 min
Lab File: VN067131.D
Acq: 18 May 2021 16:51



Tgt Ion:128 Resp: 202317
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.3 8.6 13.0



Instrument :
MSVOA_N
ClientSampleId :
31055

Manual Integrations
APPROVED

MMDadoda
5/19/2021 4:00:03 PM