

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066461.D
 Acq On : 1 Apr 2021 17:21
 Operator : JC/MD
 Sample : M1836-11ME 20X
 Misc : 11.23g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B5-8-10ME

Manual Integrations
 APPROVED

SAM
 4/5/2021 6:02:42 PM

Quant Time: Apr 02 04:53:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	513338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	745028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	651904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	278194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	304465	44.62	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.24%		
35) Dibromofluoromethane	7.504	113	256031	51.84	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.68%		
50) Toluene-d8	10.028	98	964667	51.49	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.98%		
62) 4-Bromofluorobenzene	12.345	95	314905	48.39	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.78%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.704	59	7680m	7.38	ug/l	
31) Cyclohexane	7.563	56	80485	8.52	ug/l	91
39) Methylcyclohexane	9.009	83	100043	11.73	ug/l	89
40) Benzene	7.960	78	242355	11.47	ug/l	100
52) Toluene	10.092	92	116797	9.00	ug/l	99
67) Ethyl Benzene	11.452	91	965717	40.93	ug/l	98
68) m/p-Xylenes	11.559	106	604064	67.39	ug/l	96
69) o-Xylene	11.889	106	183195	21.18	ug/l	95
73) Isopropylbenzene	12.192	105	122826	5.94	ug/l	99
78) n-propylbenzene	12.535	91	412827	18.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	204866	12.10	ug/l	100
84) 1,2,4-Trimethylbenzene	12.983	105	544627	33.12	ug/l	98
85) sec-Butylbenzene	13.117	105	31022	1.64	ug/l #	38
89) n-Butylbenzene	13.560	91	59031	4.23	ug/l #	74
95) Naphthalene	15.266	128	117155	8.40	ug/l	98

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

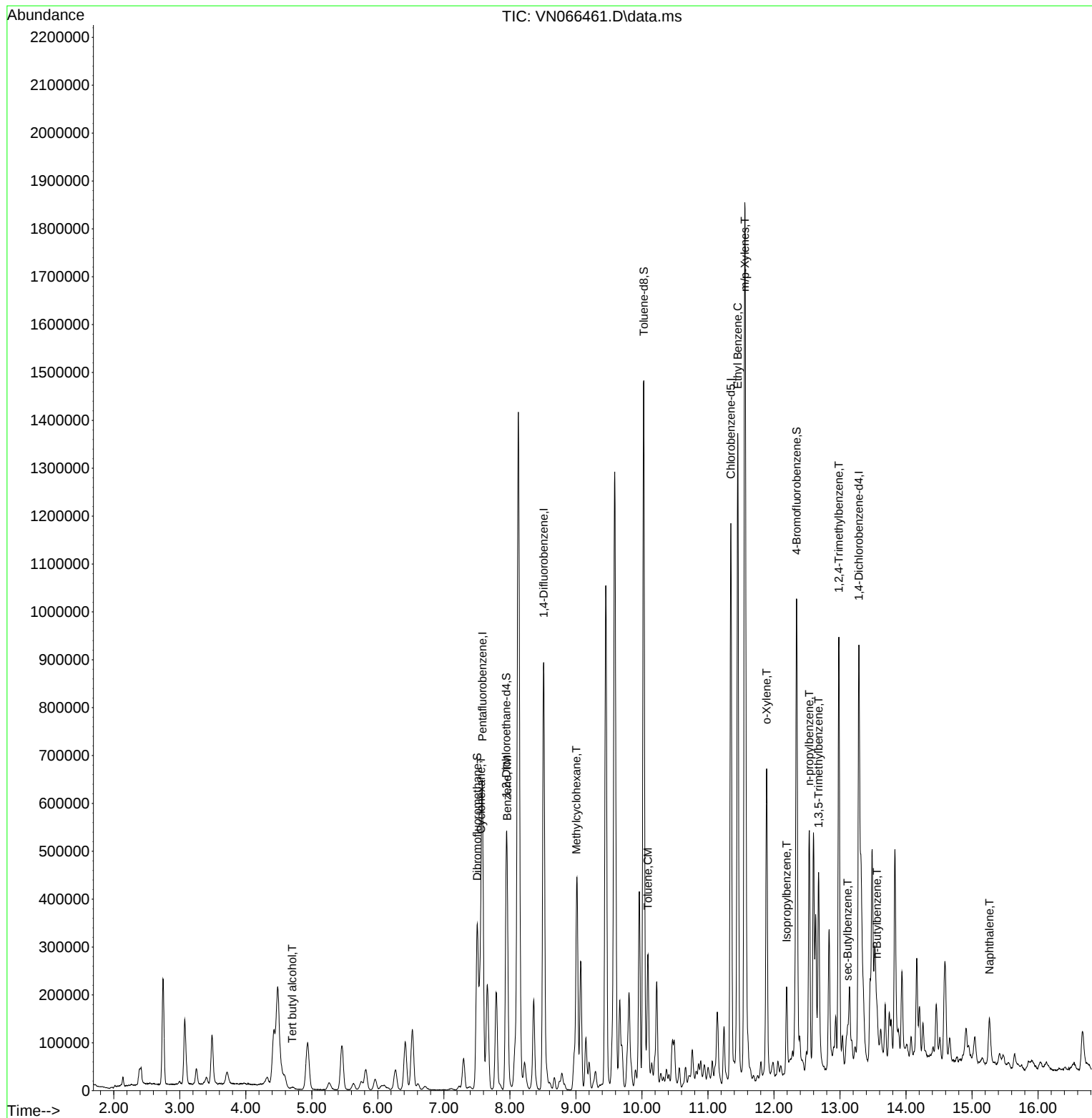
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
Data File : VN066461.D
Acq On : 1 Apr 2021 17:21
Operator : JC/MD
Sample : M1836-11ME 20X
Misc : 11.23g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

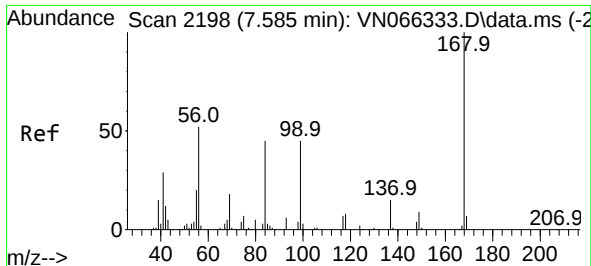
Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME

Manual Integrations
APPROVED

SAM
4/5/2021 6:02:42 PM

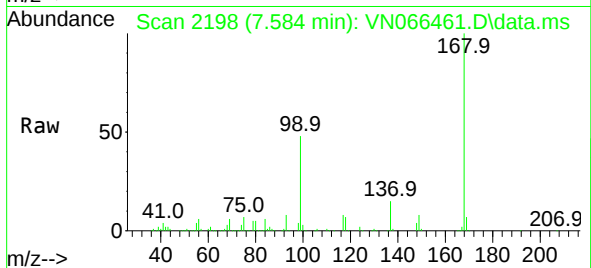
Quant Time: Apr 02 04:53:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 01 14:08:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. 0.005 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

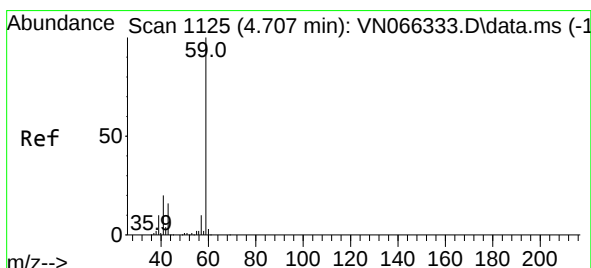
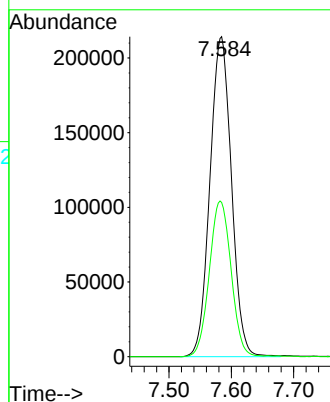
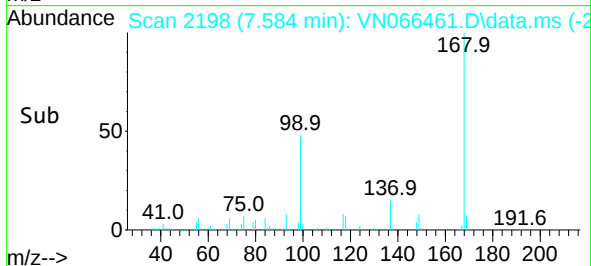
Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME



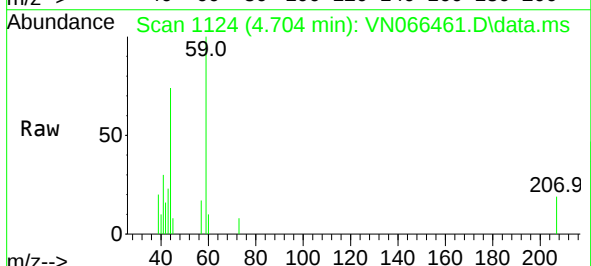
Tgt Ion:168 Resp: 513338
Ion Ratio Lower Upper
168 100
99 48.2 41.1 61.7

Manual Integrations
APPROVED

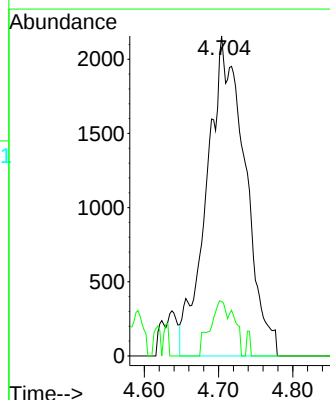
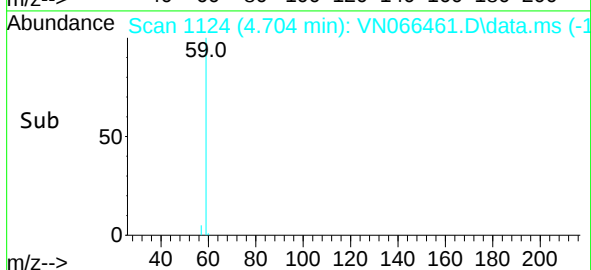
SAM
4/5/2021 6:02:42 PM

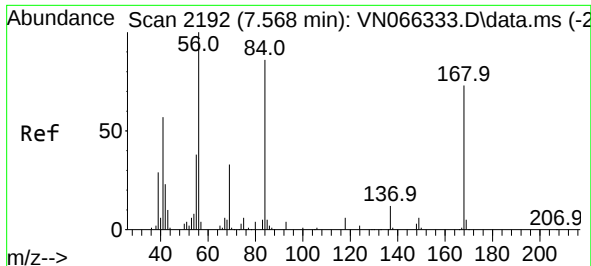


#11
Tert butyl alcohol
Concen: 7.38 ug/l m
RT: 4.704 min Scan# 1124
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21



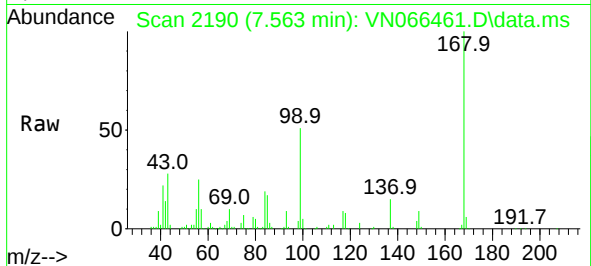
Tgt Ion: 59 Resp: 7680
Ion Ratio Lower Upper
59 100
57 0.0 4.1 6.1#





#31
Cyclohexane
Concen: 8.52 ug/l
RT: 7.563 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

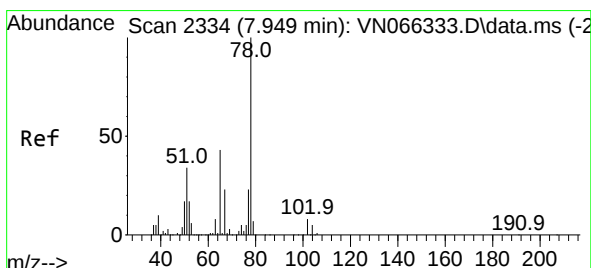
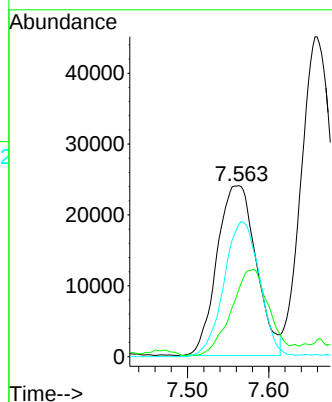
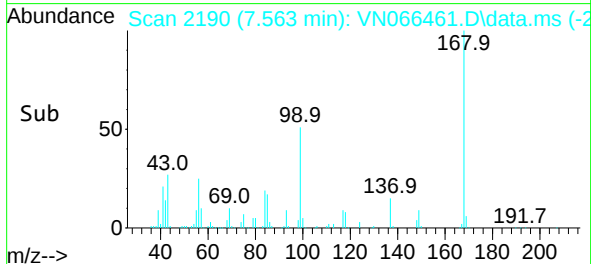
Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME



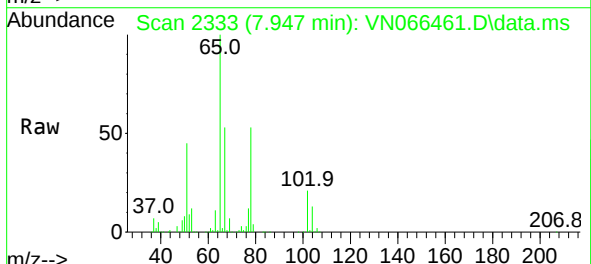
Tgt Ion: 56 Resp: 80485
Ion Ratio Lower Upper
56 100
69 38.1 26.6 40.0
84 77.7 68.7 103.1

Manual Integrations
APPROVED

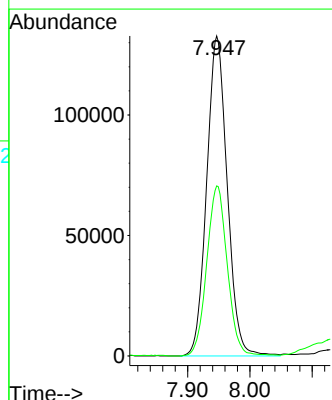
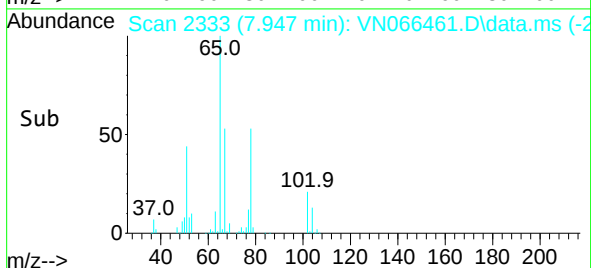
SAM
4/5/2021 6:02:42 PM

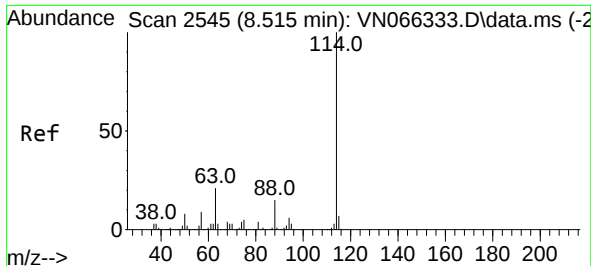


#33
1,2-Dichloroethane-d4
Concen: 44.62 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21



Tgt Ion: 65 Resp: 304465
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.2





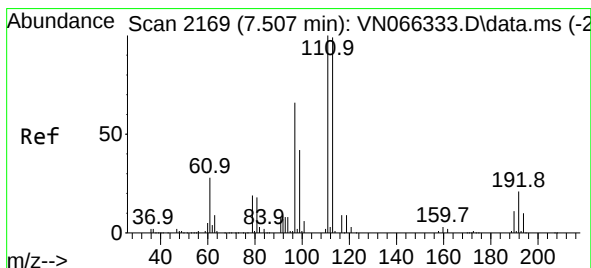
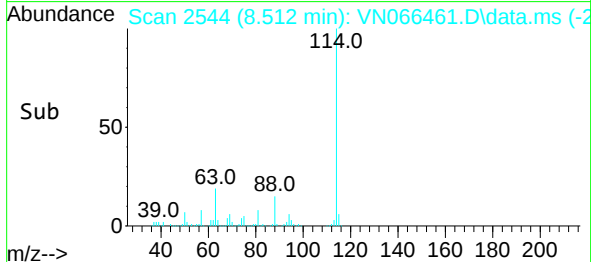
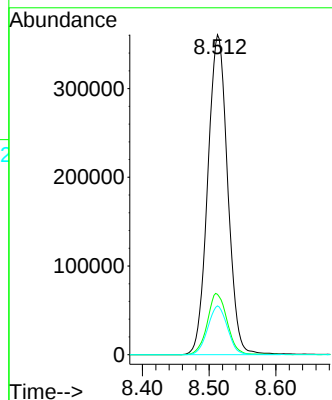
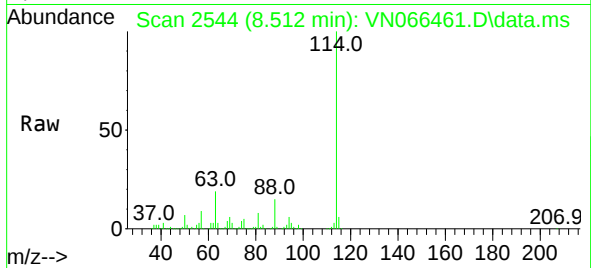
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

Tgt Ion:114 Resp: 745028
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.0
88 15.2 0.0 31.0

Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME

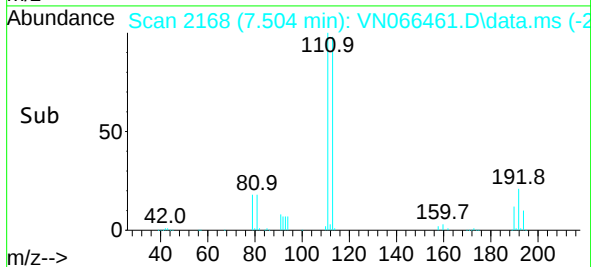
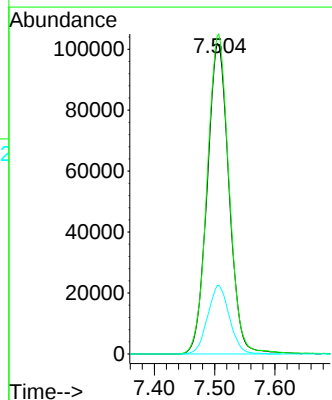
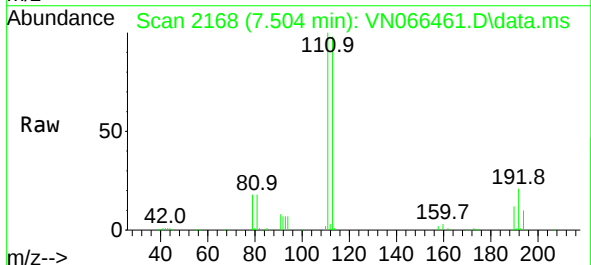
Manual Integrations
APPROVED

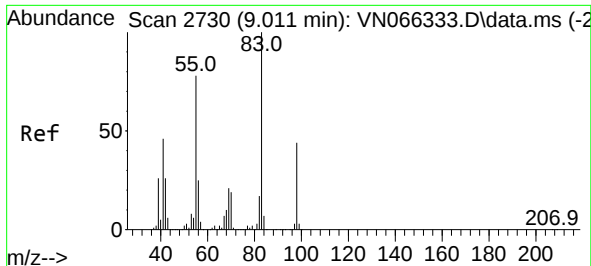
SAM
4/5/2021 6:02:42 PM



#35
Dibromofluoromethane
Concen: 51.84 ug/l
RT: 7.504 min Scan# 2168
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

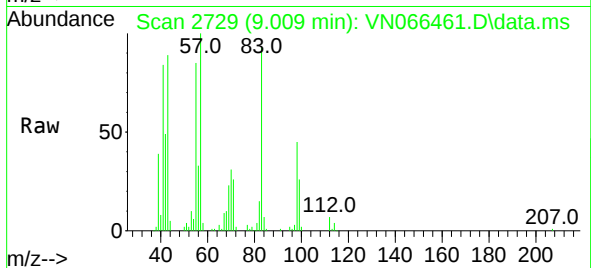
Tgt Ion:113 Resp: 256031
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 21.9 17.1 25.7





#39
Methylcyclohexane
Concen: 11.73 ug/l
RT: 9.009 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

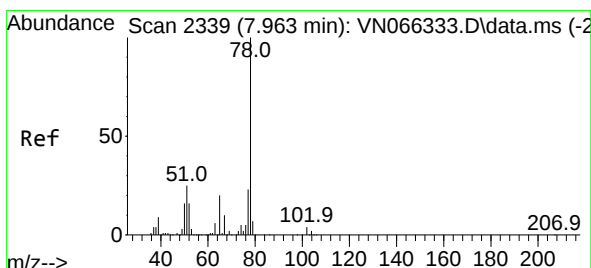
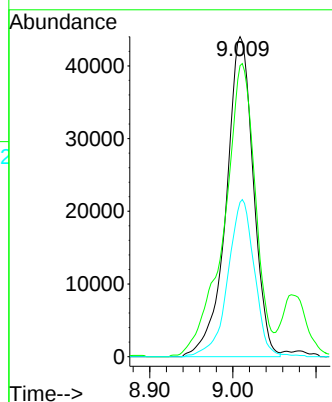
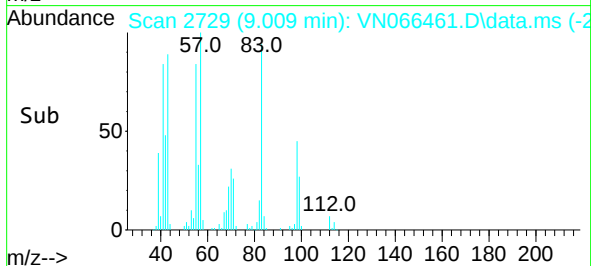
Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME



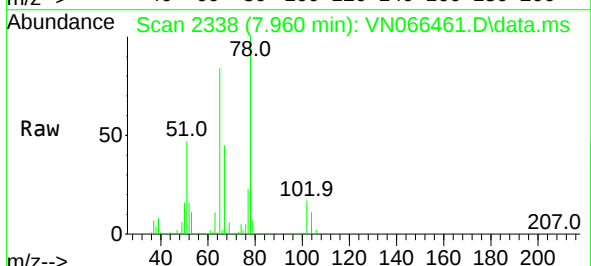
Tgt Ion: 83 Resp: 100043
Ion Ratio Lower Upper
83 100
55 90.2 62.3 93.5
98 48.3 35.6 53.4

Manual Integrations
APPROVED

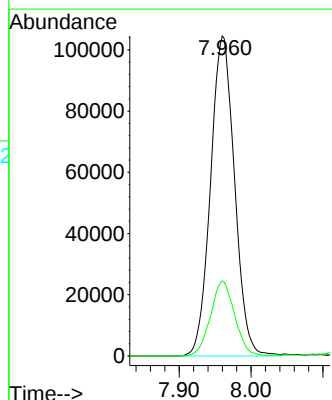
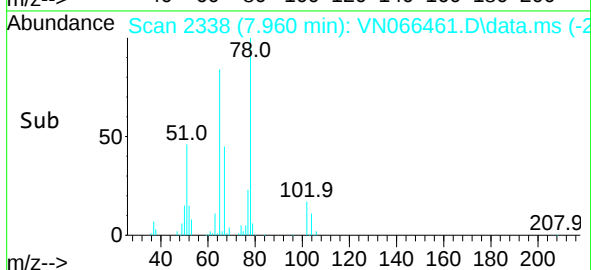
SAM
4/5/2021 6:02:42 PM

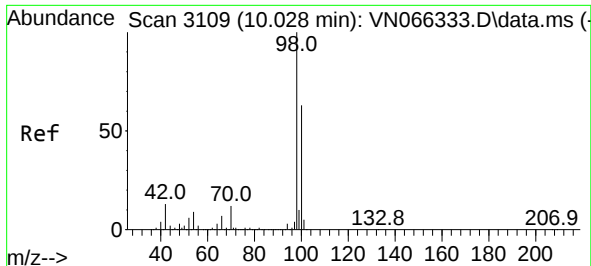


#40
Benzene
Concen: 11.47 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21



Tgt Ion: 78 Resp: 242355
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





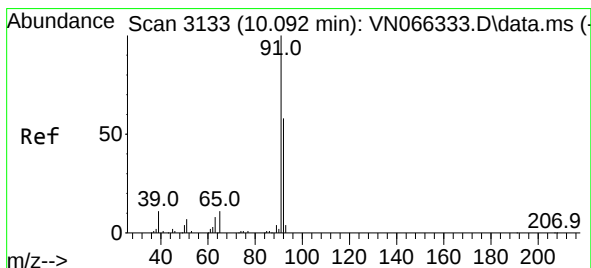
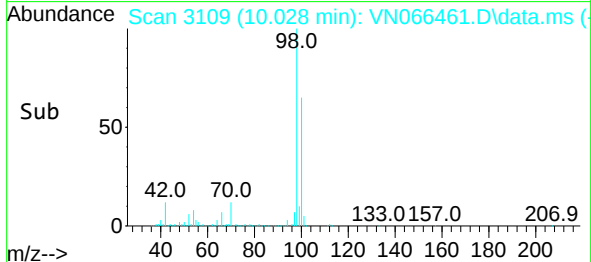
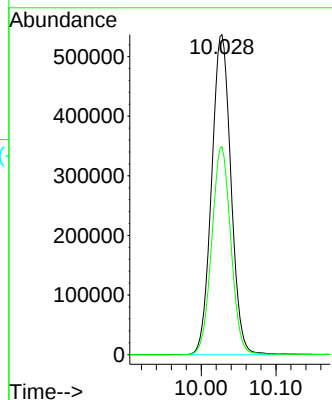
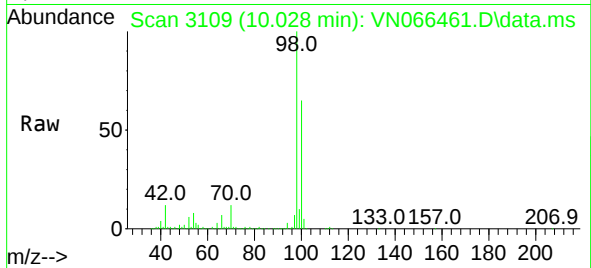
#50
Toluene-d8
Concen: 51.49 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

Tgt Ion: 98 Resp: 964667
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME

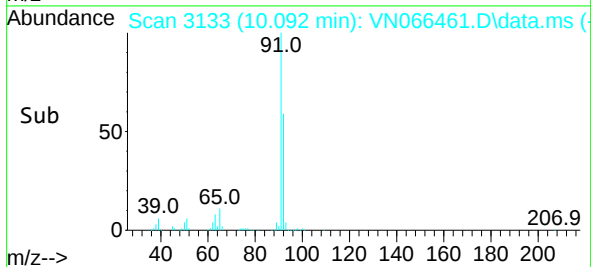
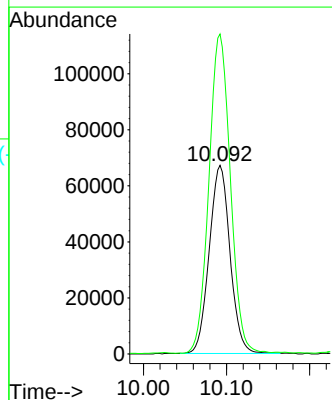
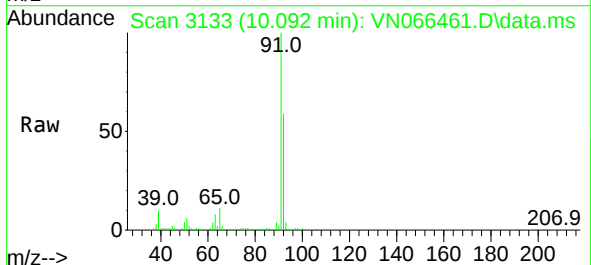
Manual Integrations
APPROVED

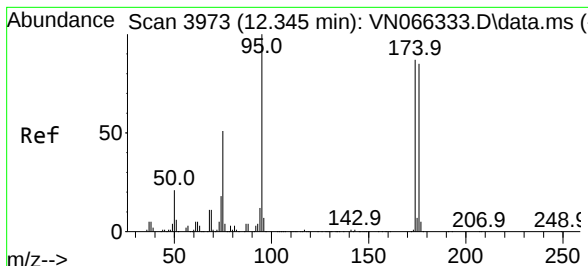
SAM
4/5/2021 6:02:42 PM



#52
Toluene
Concen: 9.00 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

Tgt Ion: 92 Resp: 116797
Ion Ratio Lower Upper
92 100
91 174.8 138.8 208.2





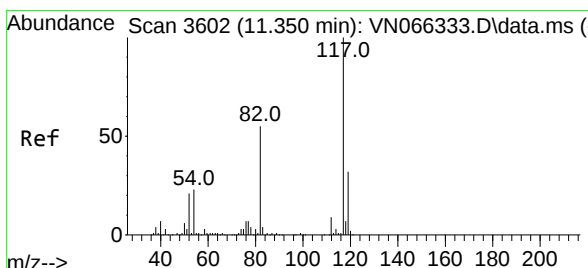
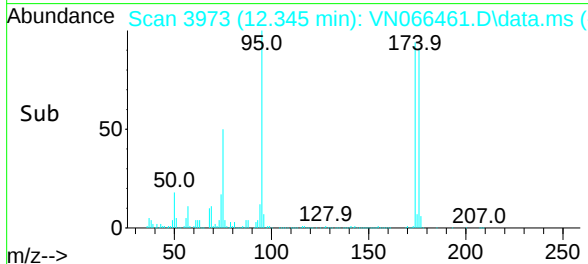
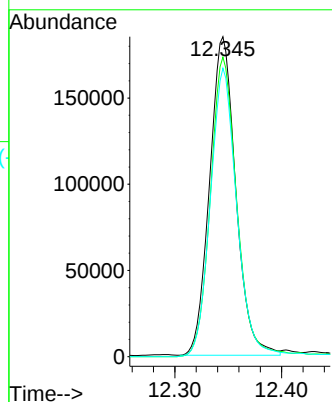
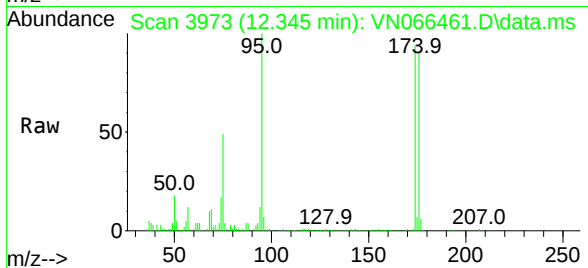
#62
4-Bromofluorobenzene
Concen: 48.39 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

Tgt Ion: 95 Resp: 314905
Ion Ratio Lower Upper
95 100
174 94.5 0.0 172.2
176 91.9 0.0 167.8

Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME

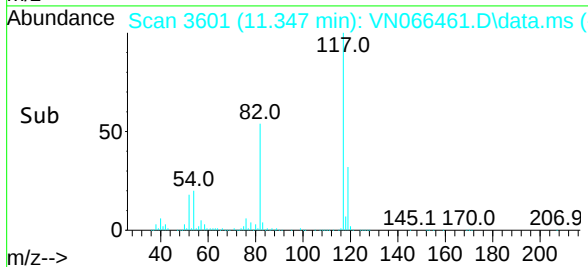
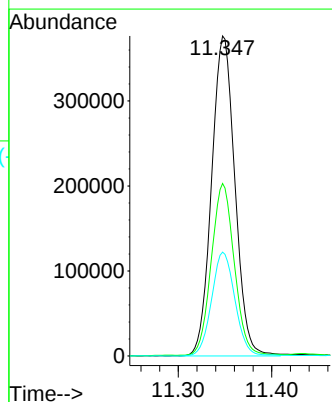
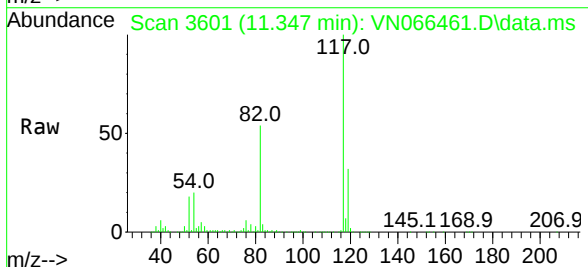
Manual Integrations
APPROVED

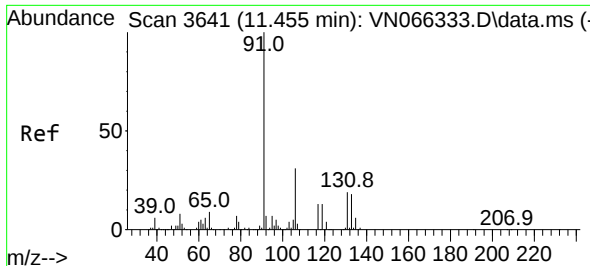
SAM
4/5/2021 6:02:42 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.000 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

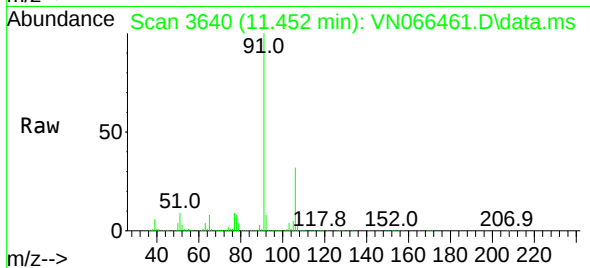
Tgt Ion: 117 Resp: 651904
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.4
119 32.4 25.8 38.6





#67
Ethyl Benzene
Concen: 40.93 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.000 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

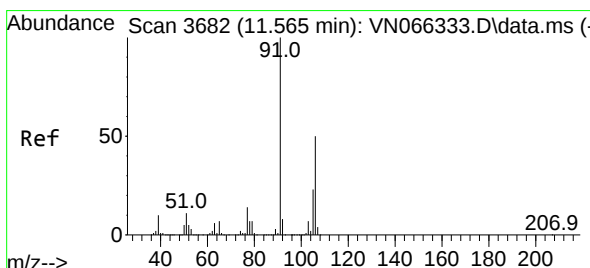
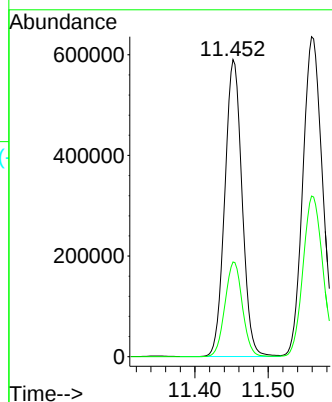
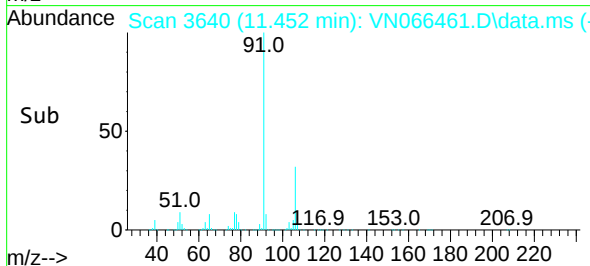
Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME



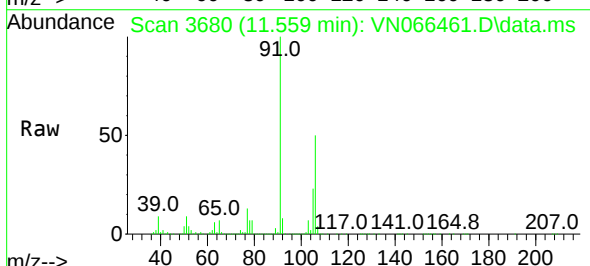
Tgt Ion: 91 Resp: 965717
Ion Ratio Lower Upper
91 100
106 31.9 24.7 37.1

Manual Integrations
APPROVED

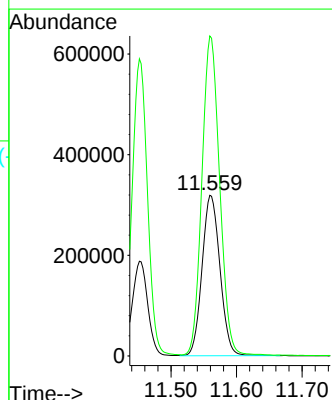
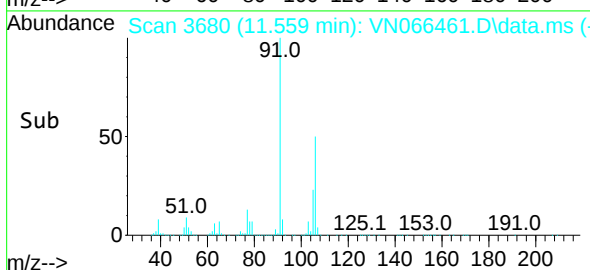
SAM
4/5/2021 6:02:42 PM

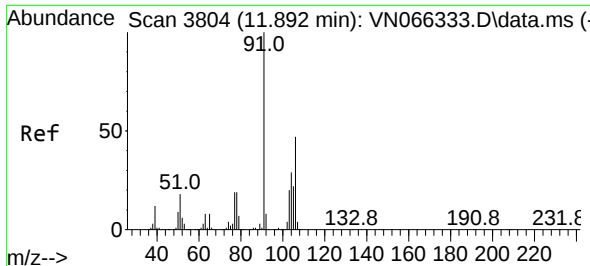


#68
m/p-Xylenes
Concen: 67.39 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21



Tgt Ion: 106 Resp: 604064
Ion Ratio Lower Upper
106 100
91 196.9 162.7 244.1





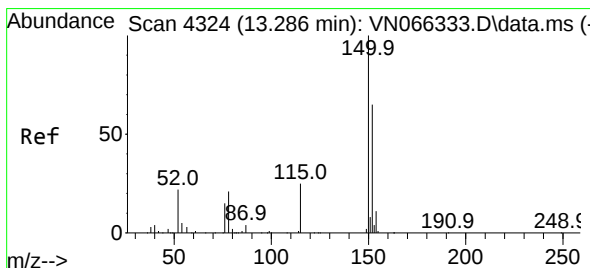
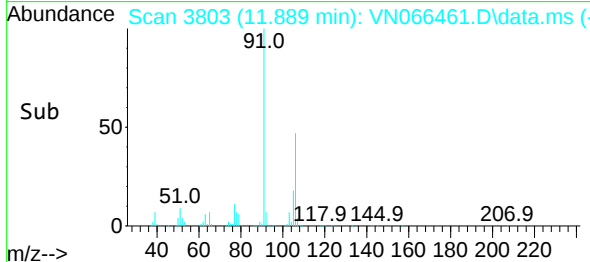
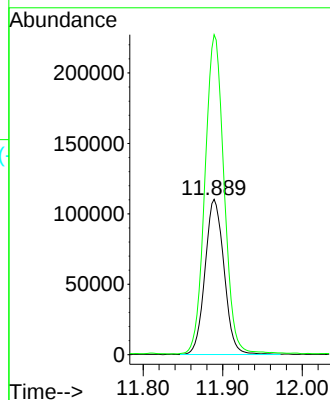
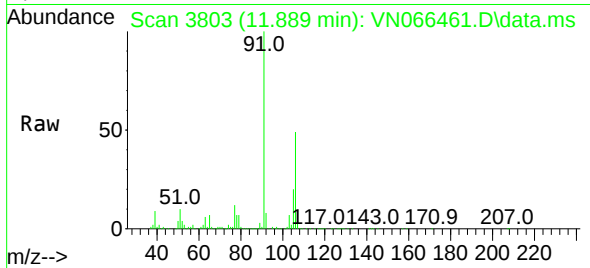
#69
o-Xylene
Concen: 21.18 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

Tgt Ion:106 Resp: 183195
Ion Ratio Lower Upper
106 100
91 206.9 107.1 321.4

Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME

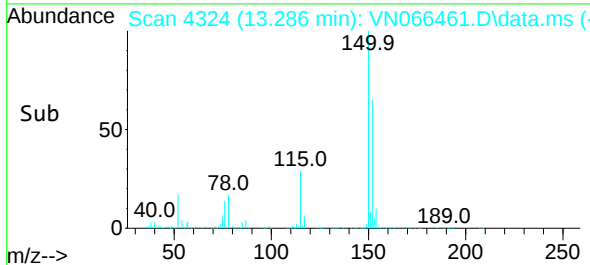
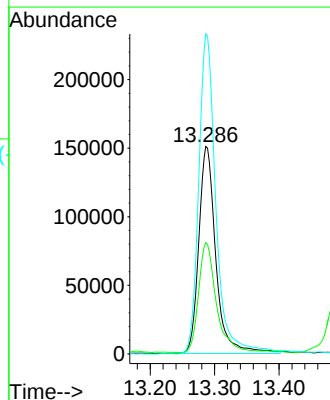
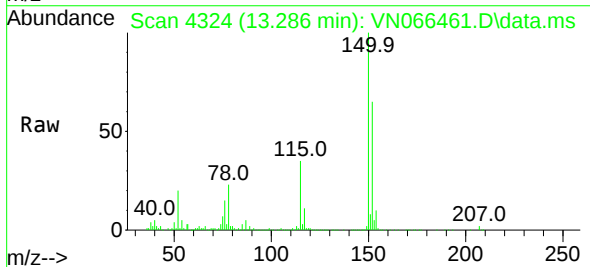
Manual Integrations
APPROVED

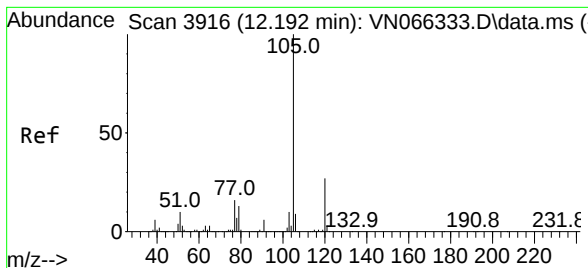
SAM
4/5/2021 6:02:42 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

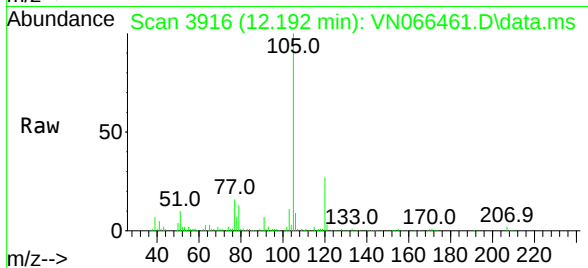
Tgt Ion:152 Resp: 278194
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 156.5 0.0 348.4





#73
Isopropylbenzene
Concen: 5.94 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. -0.000 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

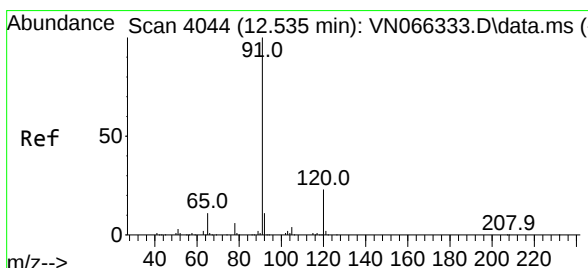
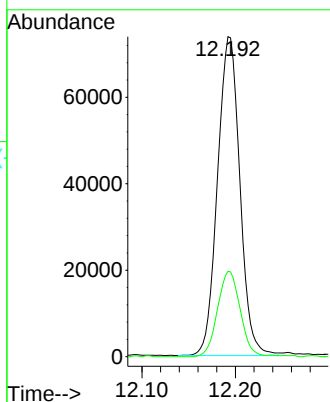
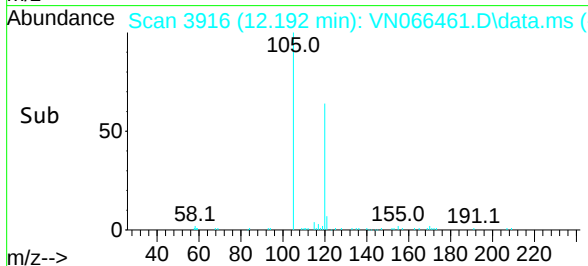
Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME



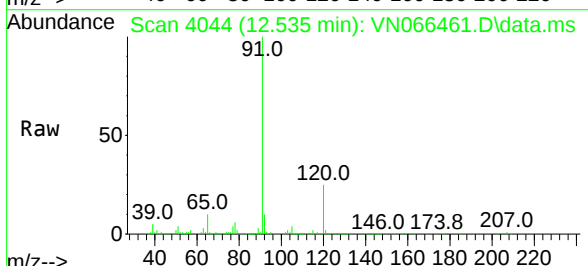
Tgt Ion:105 Resp: 122826
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.8

Manual Integrations
APPROVED

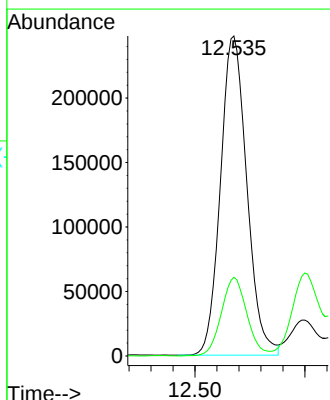
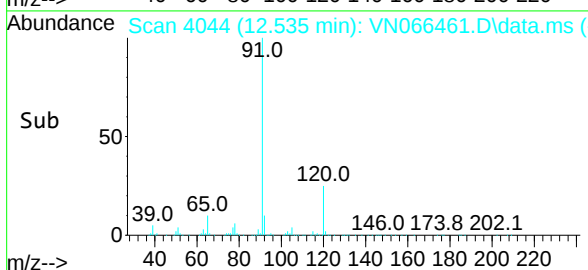
SAM
4/5/2021 6:02:42 PM

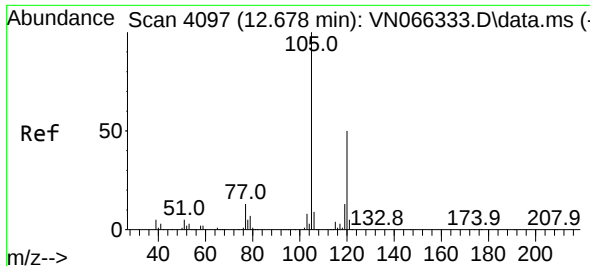


#78
n-propylbenzene
Concen: 18.35 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21



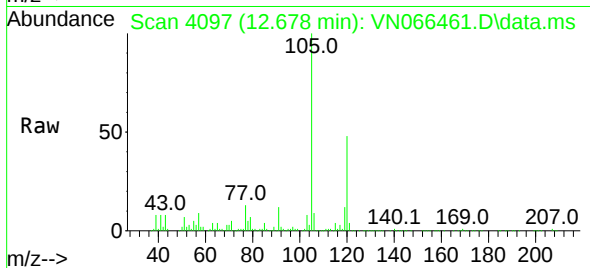
Tgt Ion: 91 Resp: 412827
Ion Ratio Lower Upper
91 100
120 23.8 11.7 35.1





#80
1,3,5-Trimethylbenzene
Concen: 12.10 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.003 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

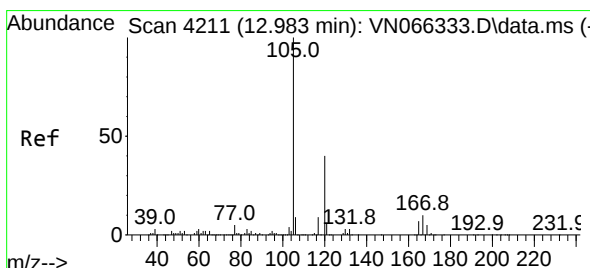
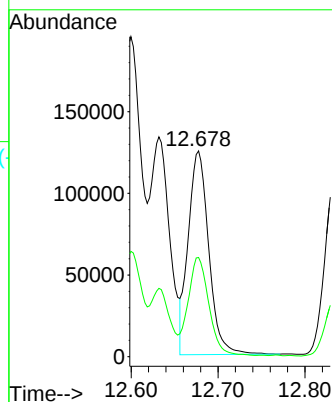
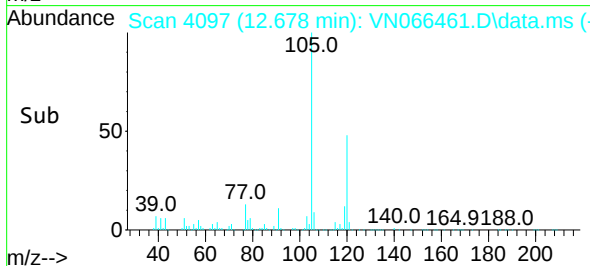
Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME



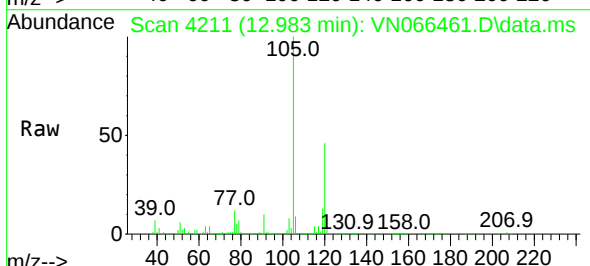
Tgt Ion:105 Resp: 204866
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

Manual Integrations
APPROVED

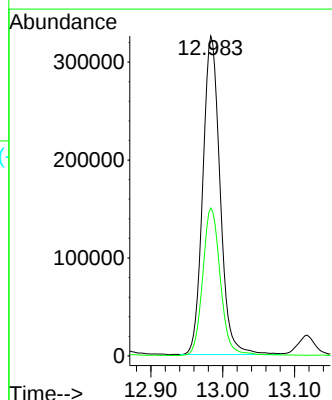
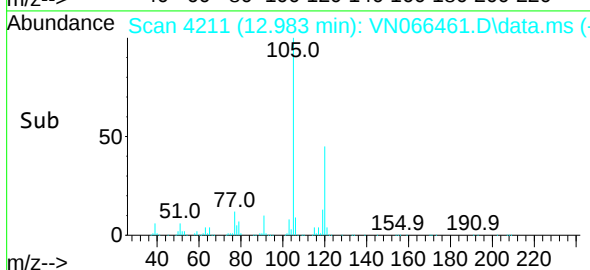
SAM
4/5/2021 6:02:42 PM

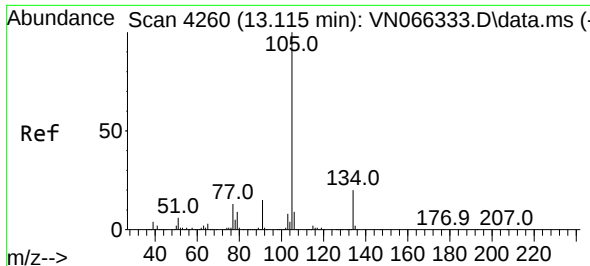


#84
1,2,4-Trimethylbenzene
Concen: 33.12 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21



Tgt Ion:105 Resp: 544627
Ion Ratio Lower Upper
105 100
120 47.3 23.1 69.2





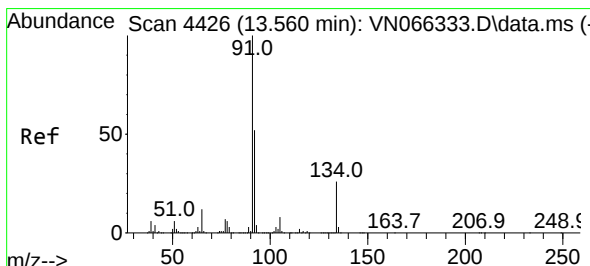
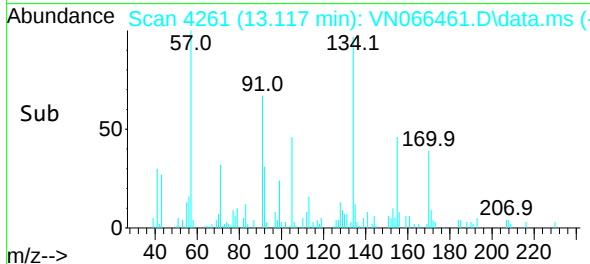
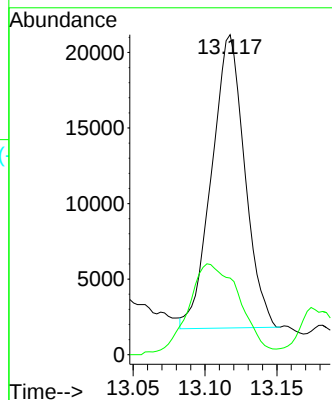
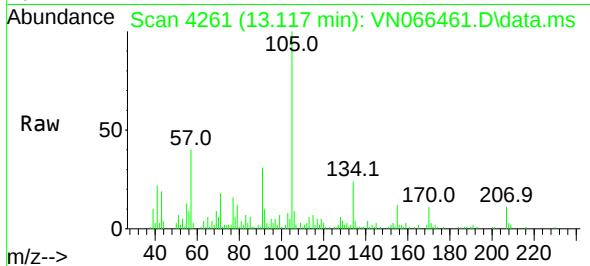
#85
 sec-Butylbenzene
 Concen: 1.64 ug/l
 RT: 13.117 min Scan# 4261
 Delta R.T. 0.003 min
 Lab File: VN066461.D
 Acq: 1 Apr 2021 17:21

Tgt Ion: 105 Resp: 31022
 Ion Ratio Lower Upper
 105 100
 134 48.3 9.9 29.7#

Instrument :
 MSVOA_N
 ClientSampleId :
 B5-8-10ME

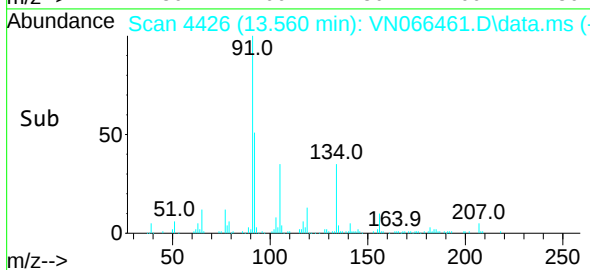
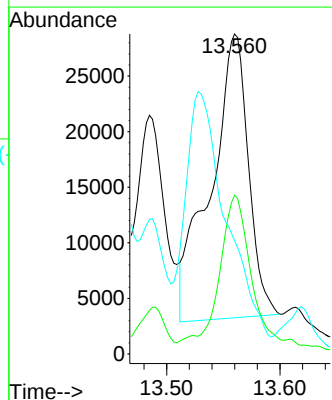
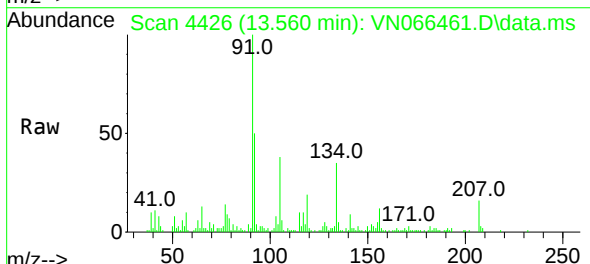
Manual Integrations
 APPROVED

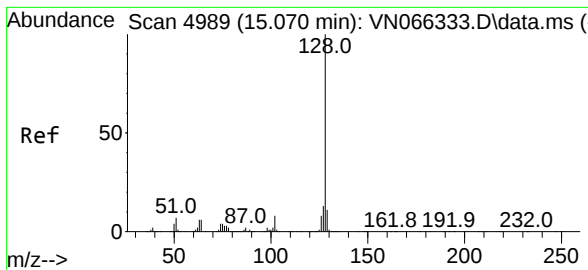
SAM
 4/5/2021 6:02:42 PM



#89
 n-Butylbenzene
 Concen: 4.23 ug/l
 RT: 13.560 min Scan# 4426
 Delta R.T. 0.003 min
 Lab File: VN066461.D
 Acq: 1 Apr 2021 17:21

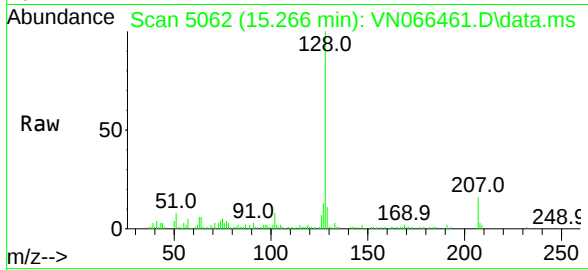
Tgt Ion: 91 Resp: 59031
 Ion Ratio Lower Upper
 91 100
 92 42.3 26.1 78.3
 134 0.0 12.8 38.4#





#95
Naphthalene
Concen: 8.40 ug/l
RT: 15.266 min Scan# 5062
Delta R.T. 0.005 min
Lab File: VN066461.D
Acq: 1 Apr 2021 17:21

Instrument :
MSVOA_N
ClientSampleId :
B5-8-10ME



Tgt Ion:128 Resp: 117155
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 11.2 8.5 12.7

Manual Integrations
APPROVED

SAM
4/5/2021 6:02:42 PM

