

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066357.D
 Acq On : 26 Mar 2021 18:20
 Operator : JC/MD
 Sample : M1777-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 238

Manual Integrations
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Quant Time: Mar 27 01:50:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	456096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	683418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	588617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	252307	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	311785	51.42	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.84%			
35) Dibromofluoromethane	7.507	113	241948	53.40	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.80%			
50) Toluene-d8	10.028	98	939294	54.66	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.32%			
62) 4-Bromofluorobenzene	12.345	95	290434	48.66	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.32%			
Target Compounds					Qvalue	
16) Acetone	3.739	43	1150517	351.22	ug/l	99
19) Methyl tert-butyl Ether	4.951	73	27699	1.79	ug/l	98
22) Diisopropyl ether	5.865	45	17067	1.06	ug/l	96
25) 2-Butanone	6.748	43	63009	17.60	ug/l	99
40) Benzene	7.963	78	409223	21.10	ug/l	100
51) 4-Methyl-2-Pentanone	9.923	43	22546	3.19	ug/l	95
52) Toluene	10.092	92	1145031	96.19	ug/l	99
67) Ethyl Benzene	11.452	91	189564	8.90	ug/l	100
68) m/p-Xylenes	11.562	106	543525	67.15	ug/l	99
69) o-Xylene	11.892	106	403306	51.64	ug/l	99
73) Isopropylbenzene	12.195	105	17067	0.91	ug/l	93
78) n-propylbenzene	12.538	91	54779	2.68	ug/l	98
80) 1,3,5-Trimethylbenzene	12.678	105	294806	19.21	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	1187305	79.61	ug/l	100
85) sec-Butylbenzene	13.115	105	33481m	1.96	ug/l	
86) p-Isopropyltoluene	13.233	119	30476	1.99	ug/l	98
89) n-Butylbenzene	13.557	91	53639m	4.23	ug/l	
95) Naphthalene	15.070	128	158552	12.02	ug/l	98

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

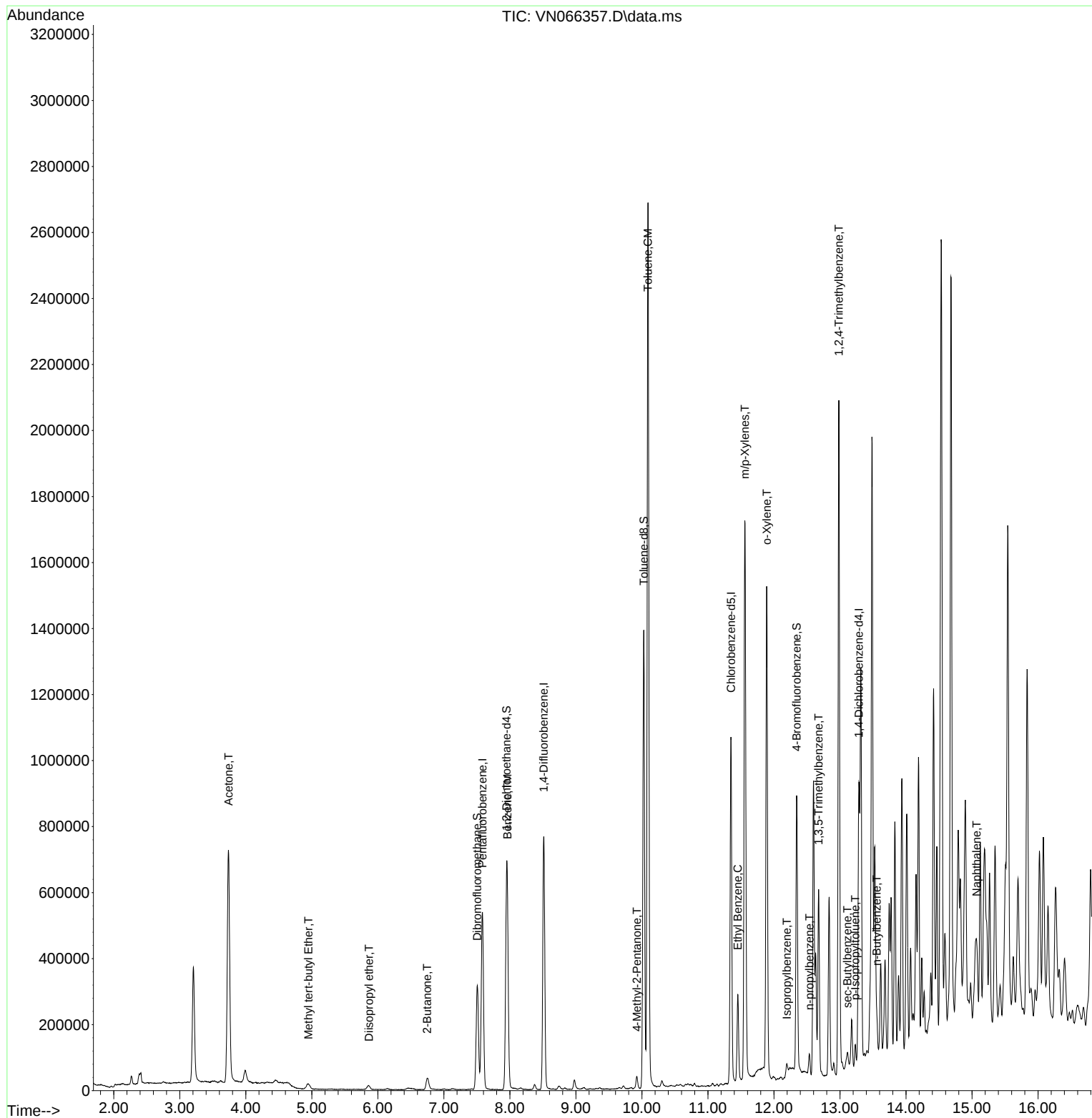
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
Data File : VN066357.D
Acq On : 26 Mar 2021 18:20
Operator : JC/MD
Sample : M1777-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

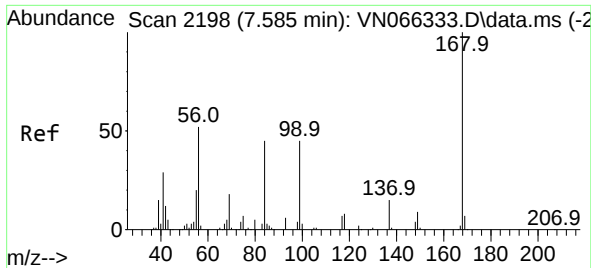
Instrument :
MSVOA_N
ClientSampleId :
238

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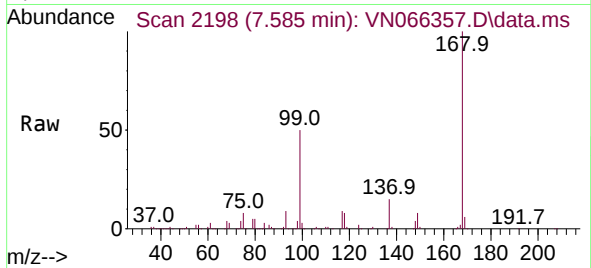
Quant Time: Mar 27 01:50:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.585 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

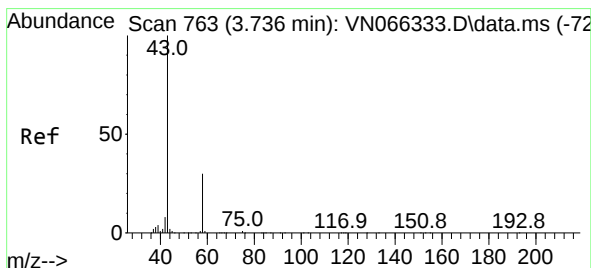
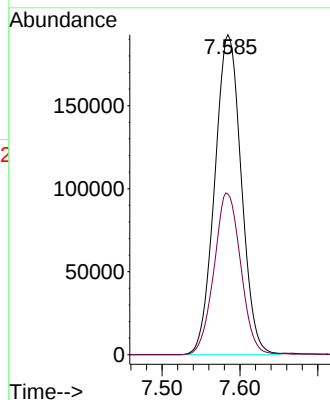
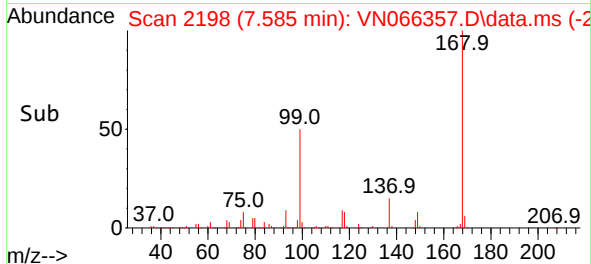
Instrument :
MSVOA_N
ClientSampleId :
238



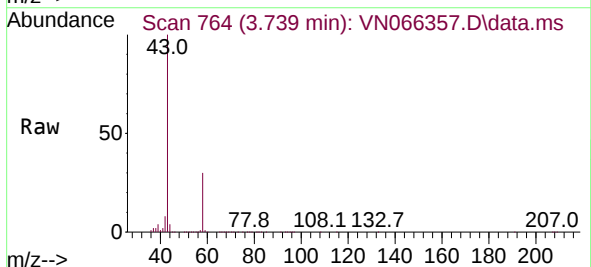
Tgt Ion:168 Resp: 456096
Ion Ratio Lower Upper
168 100
99 50.2 41.1 61.7

Manual Integrations
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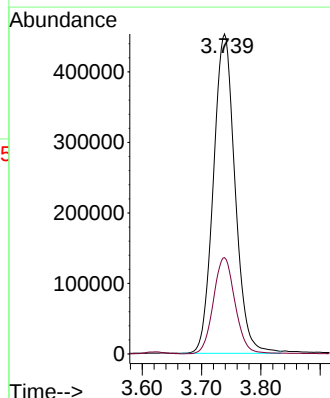
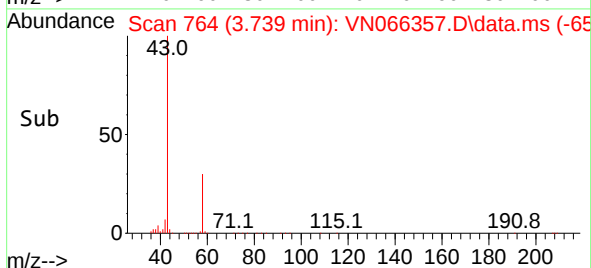
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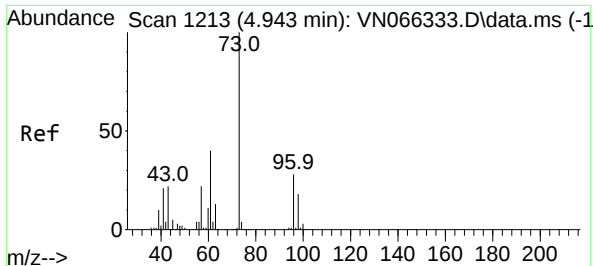


#16
Acetone
Concen: 351.22 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20



Tgt Ion: 43 Resp: 1150517
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8





#19

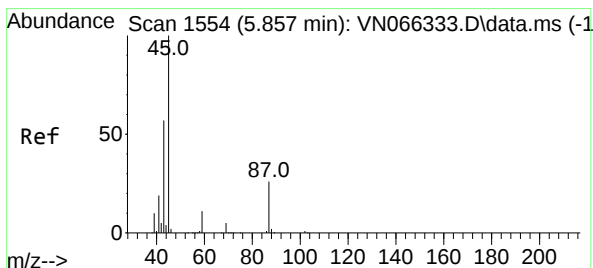
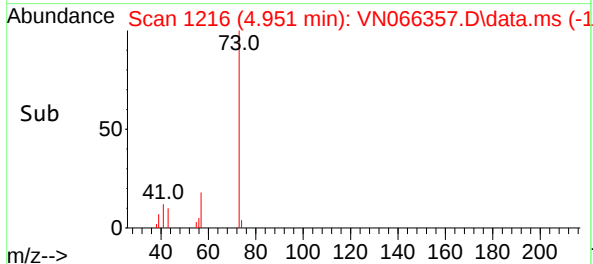
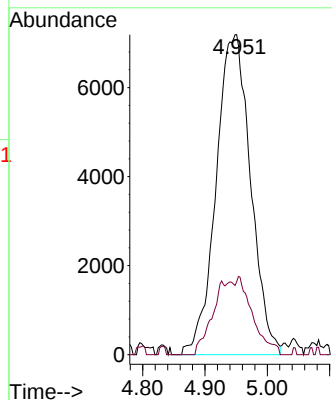
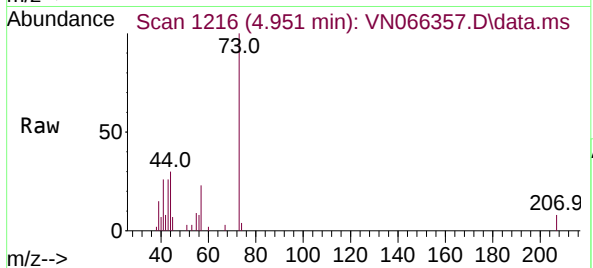
Methyl tert-butyl Ether
Concen: 1.79 ug/l
RT: 4.951 min Scan# 1216
Delta R.T. 0.008 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion: 73 Resp: 27699
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

Instrument :
MSVOA_N
ClientSampled :
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Manual Integrations
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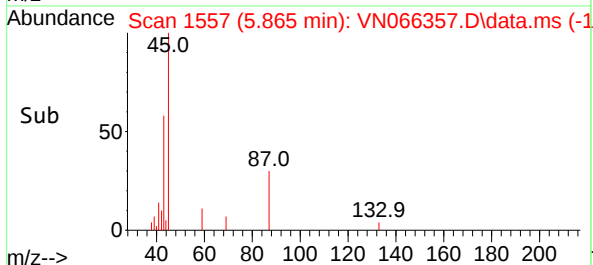
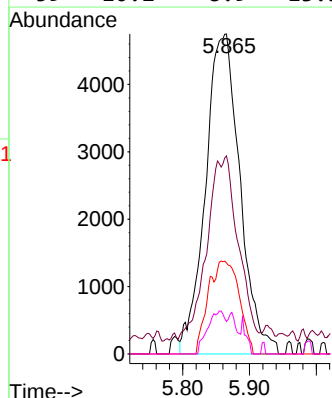
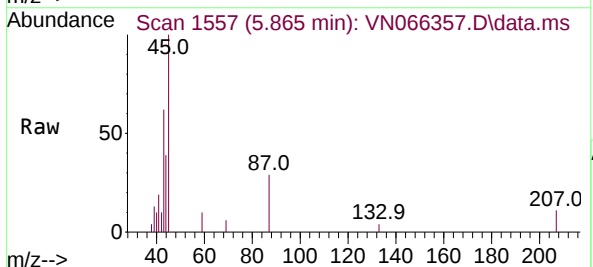
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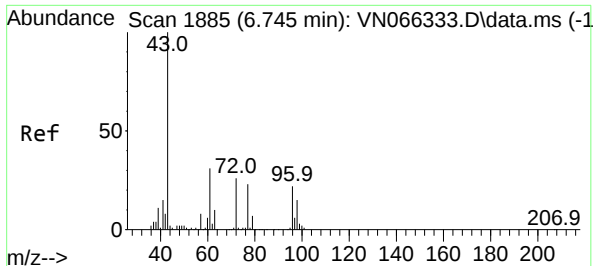


#22

Diisopropyl ether
Concen: 1.06 ug/l
RT: 5.865 min Scan# 1557
Delta R.T. 0.008 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

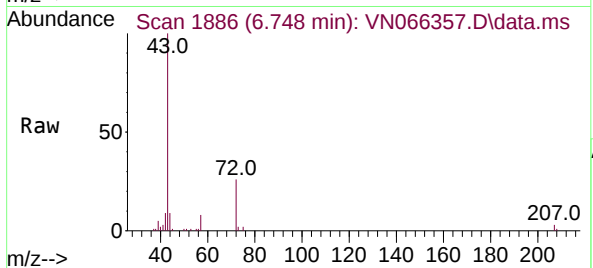
Tgt Ion: 45 Resp: 17067
Ion Ratio Lower Upper
45 100
43 56.0 48.1 72.1
87 28.5 21.6 32.4
59 10.2 8.9 13.3





#25
2-Butanone
Concen: 17.60 ug/l
RT: 6.748 min Scan# 1886
Delta R.T. 0.003 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

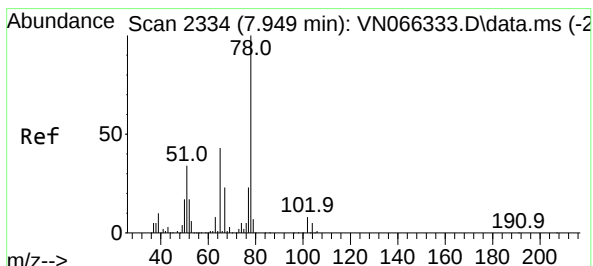
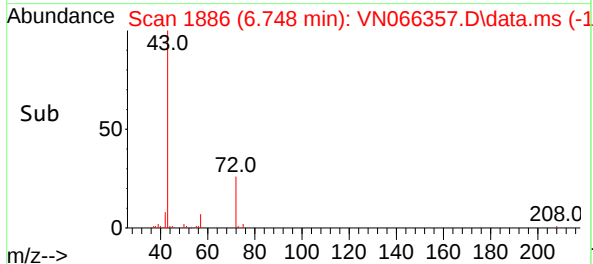
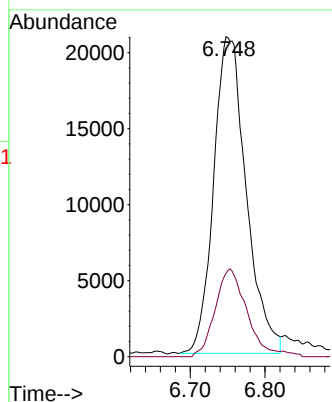
Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion: 43 Resp: 63009
Ion Ratio Lower Upper
43 100
72 26.3 20.7 31.1

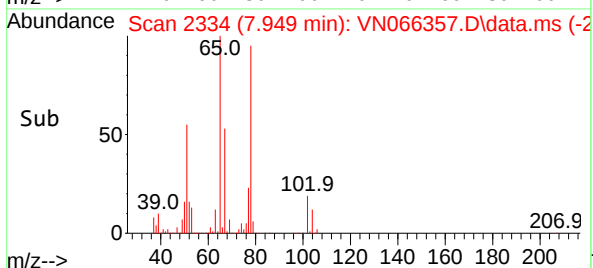
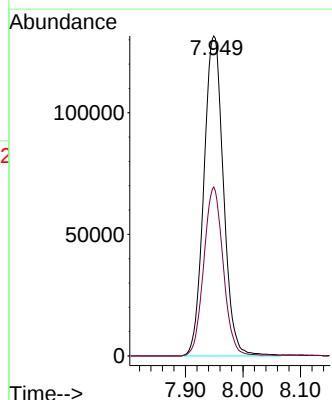
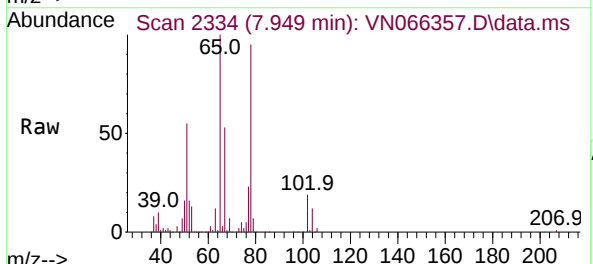
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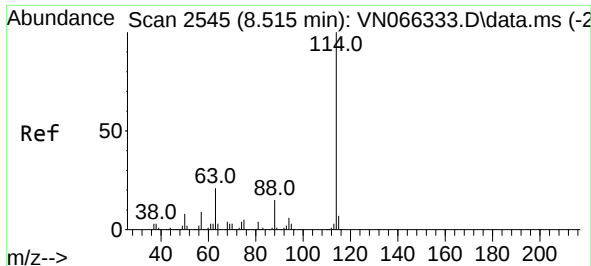
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#33
1,2-Dichloroethane-d4
Concen: 51.42 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion: 65 Resp: 311785
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2





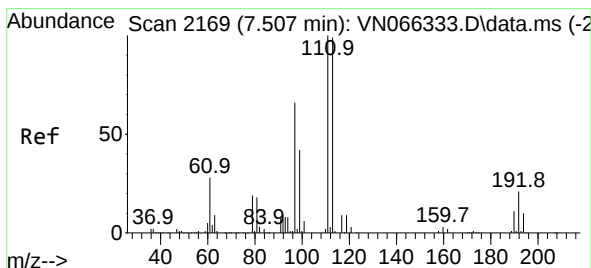
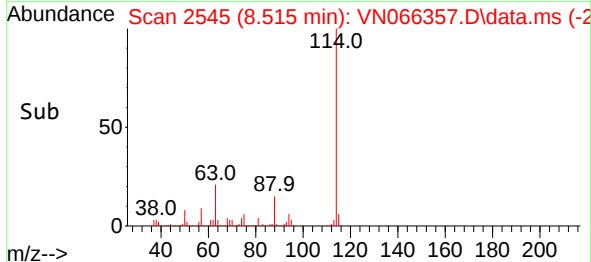
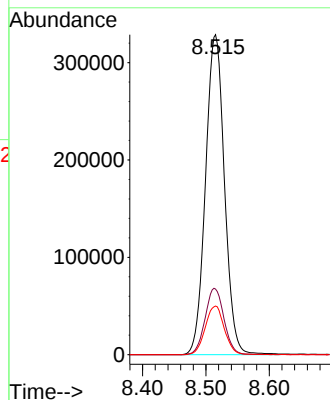
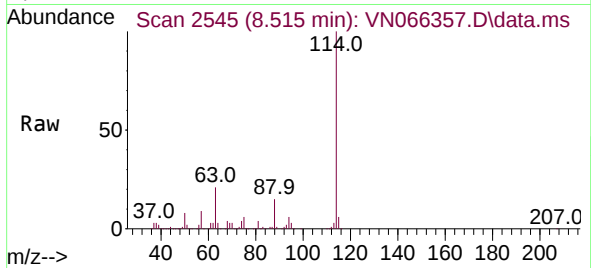
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion:114 Resp: 683418
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.0
88 15.2 0.0 31.0

Instrument :
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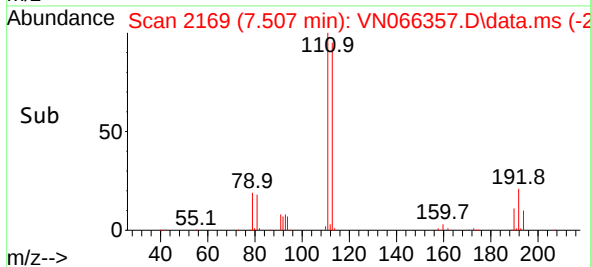
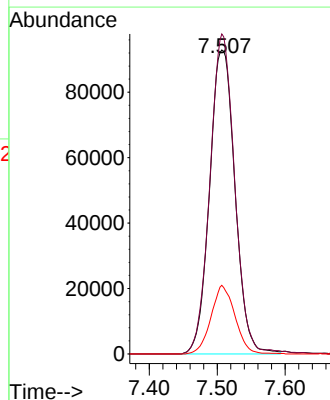
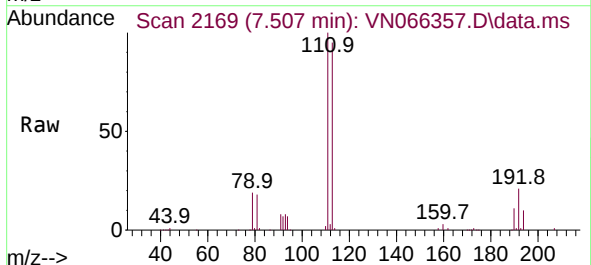
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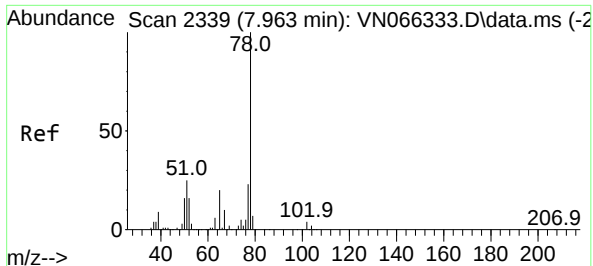
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#35
Dibromofluoromethane
Concen: 53.40 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

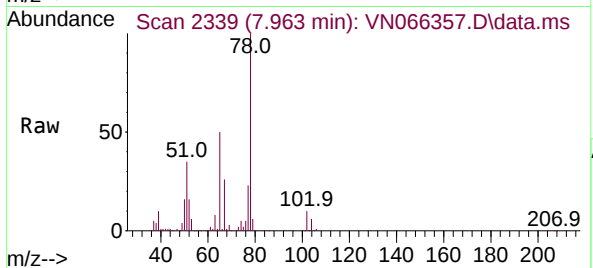
Tgt Ion:113 Resp: 241948
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 21.3 17.1 25.7





#40
Benzene
Concen: 21.10 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

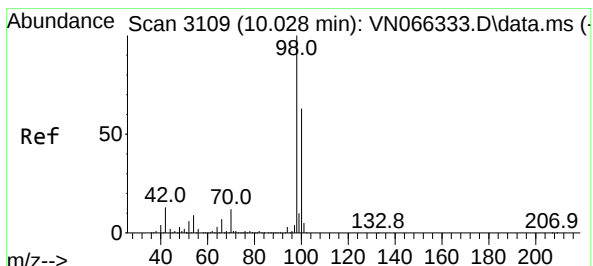
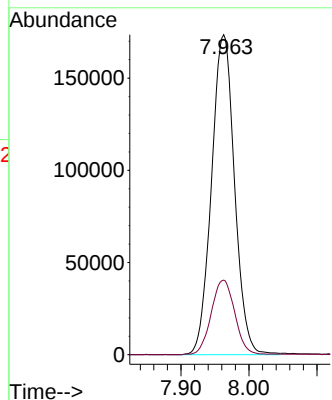
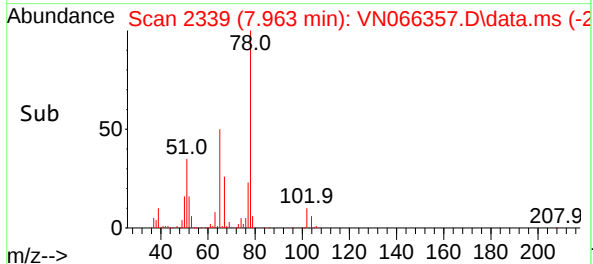
Instrument :
MSVOA_N
ClientSampled :
238



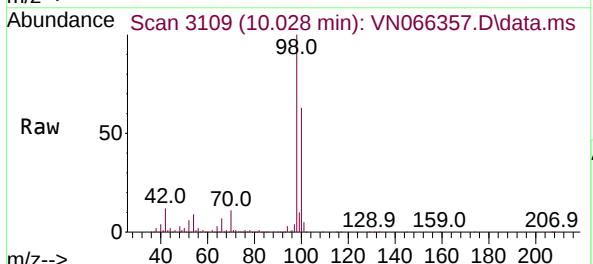
Tgt Ion: 78 Resp: 409223
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

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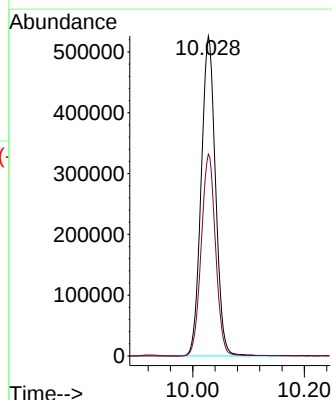
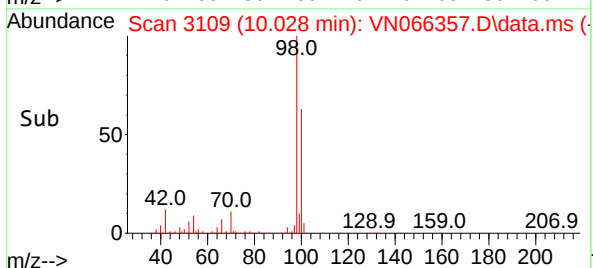
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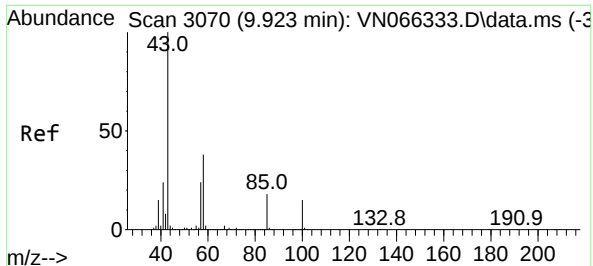


#50
Toluene-d8
Concen: 54.66 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20



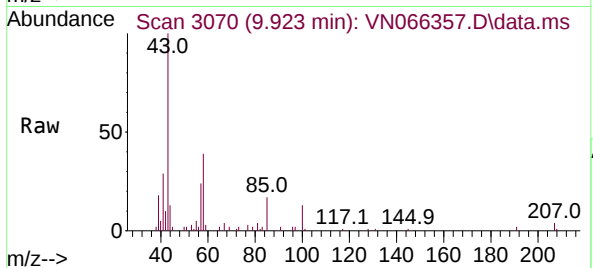
Tgt Ion: 98 Resp: 939294
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 3.19 ug/l
RT: 9.923 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

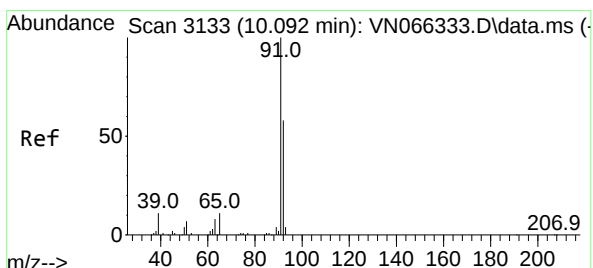
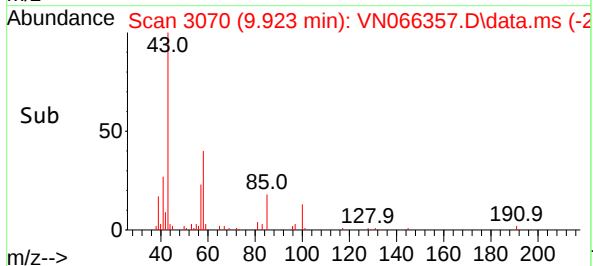
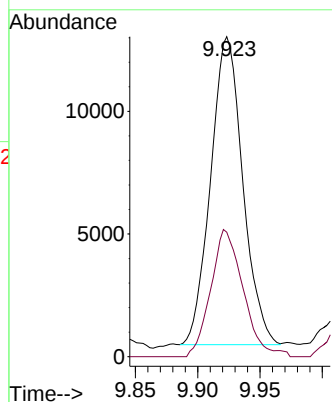
Instrument :
MSVOA_N
ClientSampled :
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Tgt Ion: 43 Resp: 22546
Ion Ratio Lower Upper
43 100
58 41.5 30.8 46.2

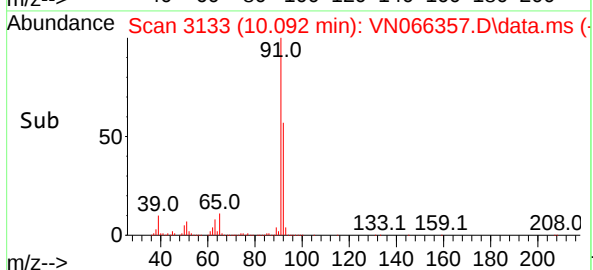
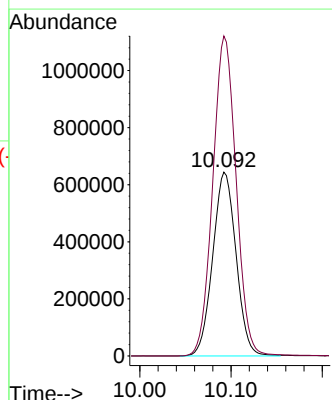
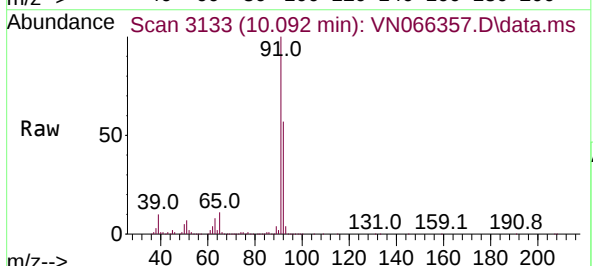
Manual Integrations
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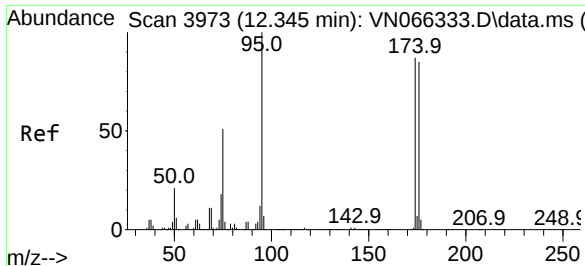
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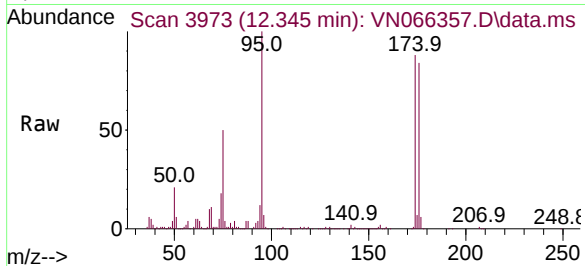
#52
Toluene
Concen: 96.19 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion: 92 Resp: 1145031
Ion Ratio Lower Upper
92 100
91 174.5 138.8 208.2

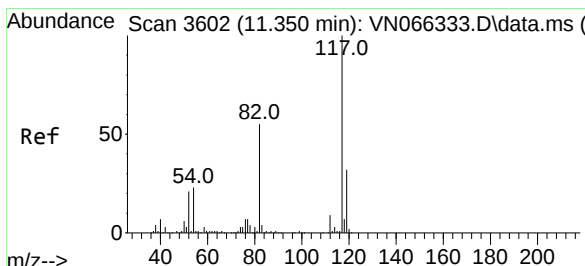
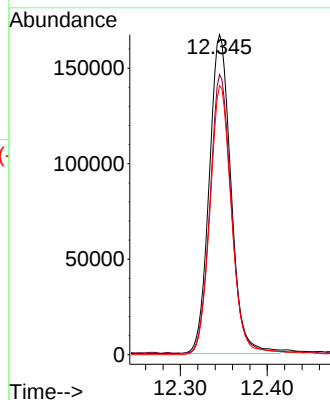
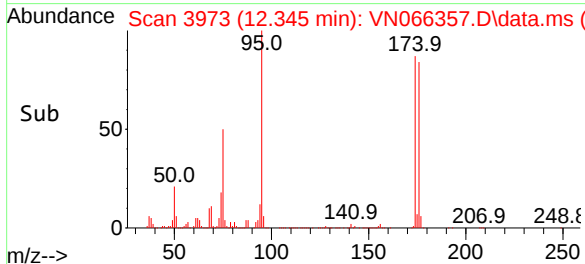




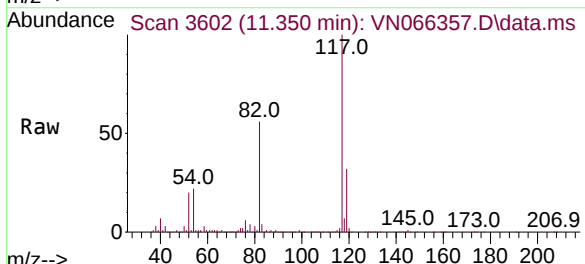
#62
4-Bromofluorobenzene
Concen: 48.66 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20



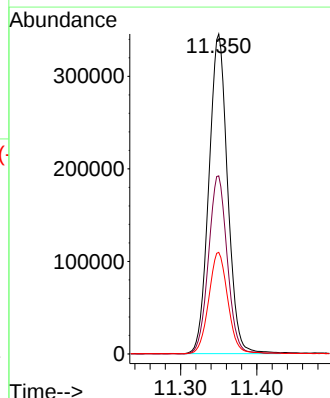
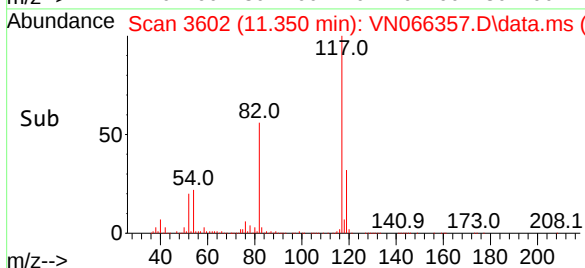
Tgt Ion: 95 Resp: 290434
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 84.6 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20



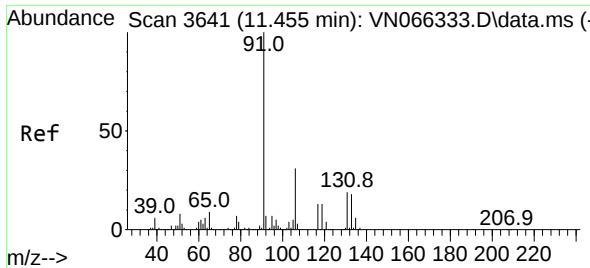
Tgt Ion: 117 Resp: 588617
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.4
119 31.7 25.8 38.6



Instrument :
MSVOA_N
ClientSampled :
238

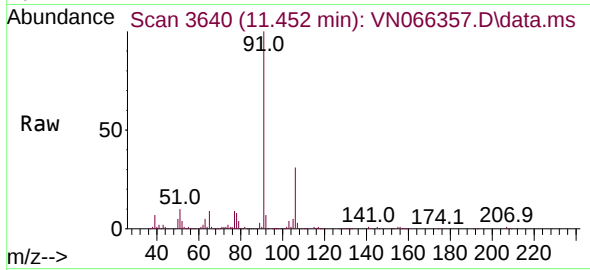
Manual Integrations
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#67
Ethyl Benzene
Concen: 8.90 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

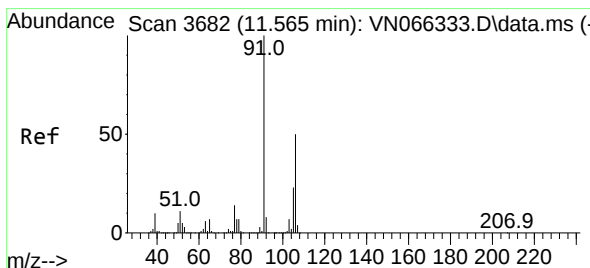
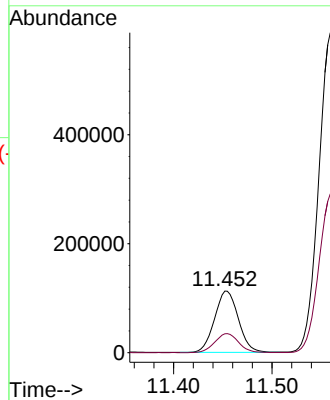
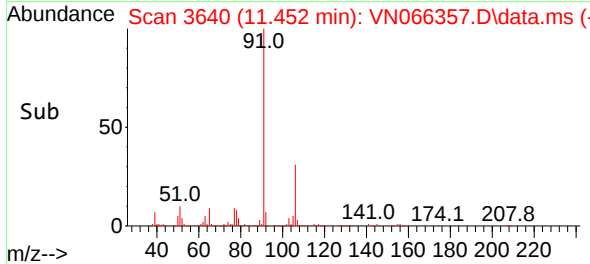
Instrument :
MSVOA_N
ClientSampled :
238



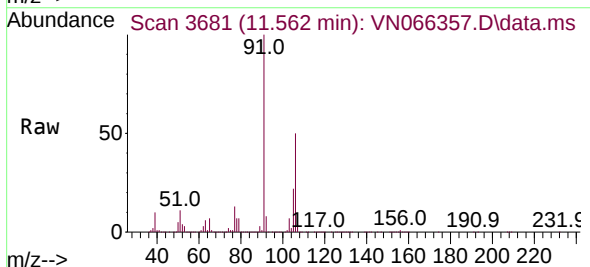
Tgt Ion: 91 Resp: 189564
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

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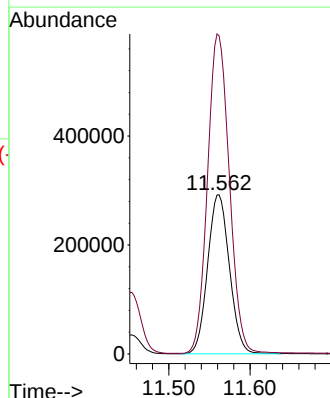
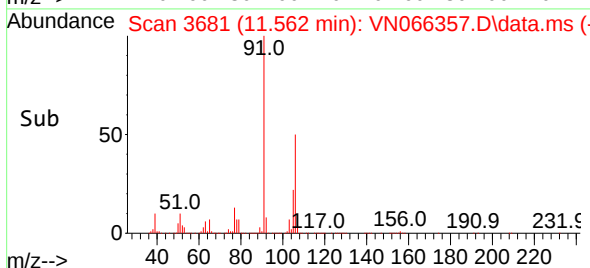
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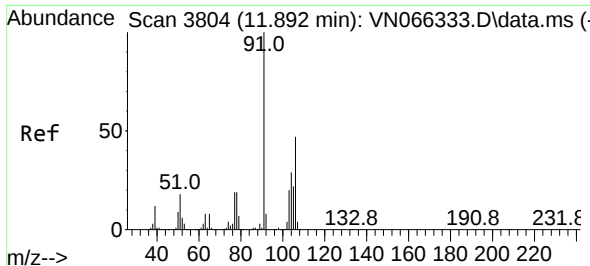


#68
m/p-Xylenes
Concen: 67.15 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20



Tgt Ion: 106 Resp: 543525
Ion Ratio Lower Upper
106 100
91 201.5 162.7 244.1





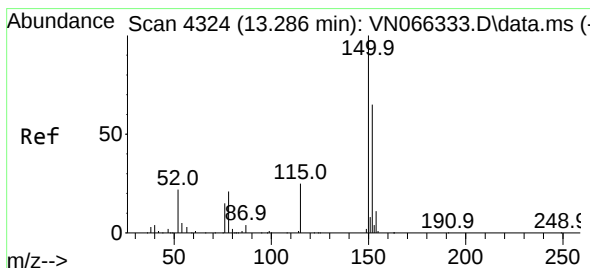
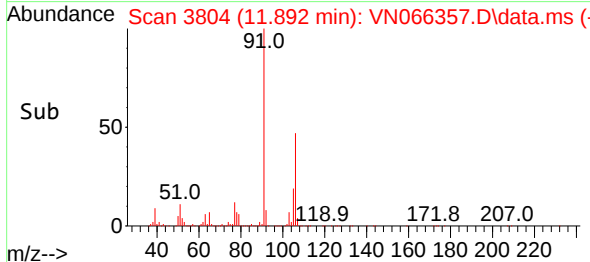
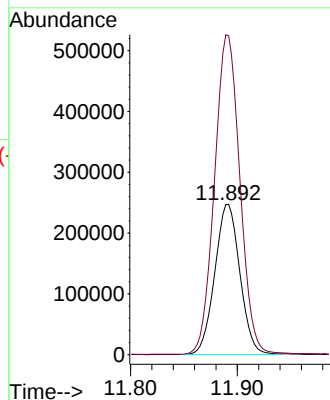
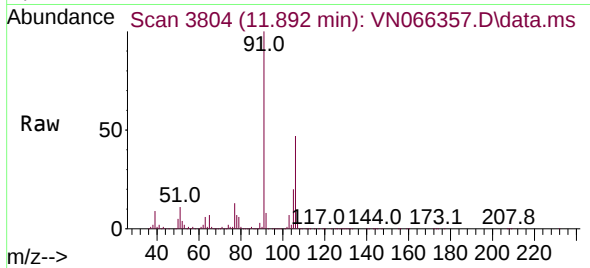
#69
o-Xylene
Concen: 51.64 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion:106 Resp: 403306
Ion Ratio Lower Upper
106 100
91 215.2 107.1 321.4

Instrument :
MSVOA_N
ClientSampled :
238

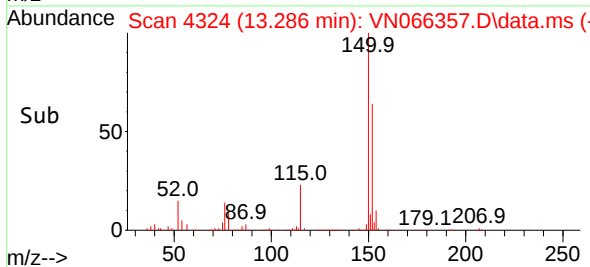
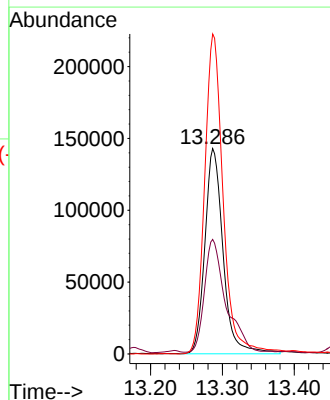
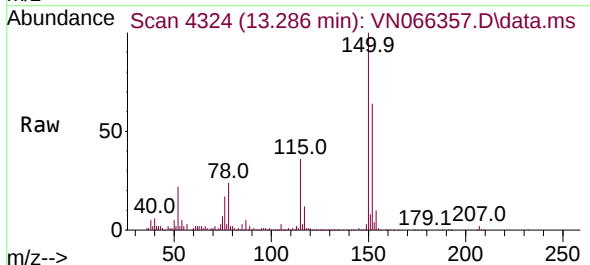
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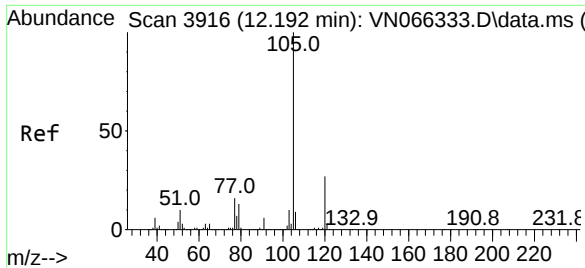
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion:152 Resp: 252307
Ion Ratio Lower Upper
152 100
115 64.3 27.8 83.4
150 158.4 0.0 348.4





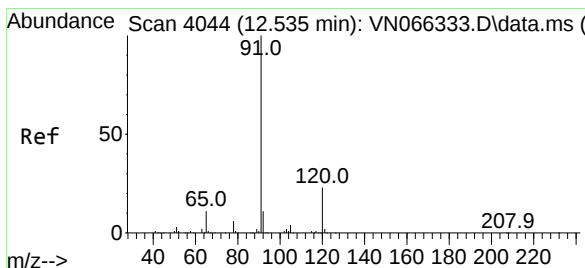
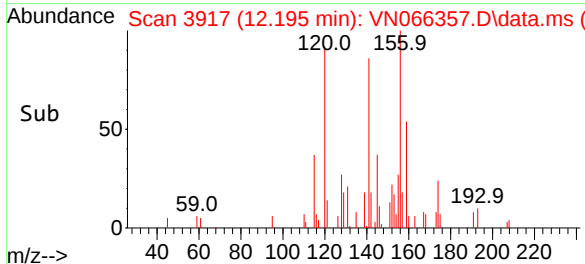
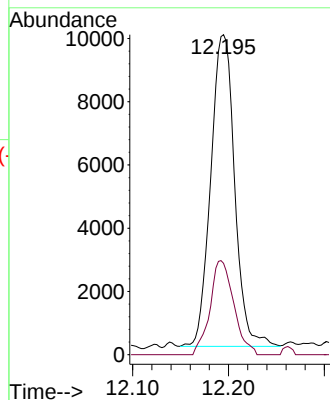
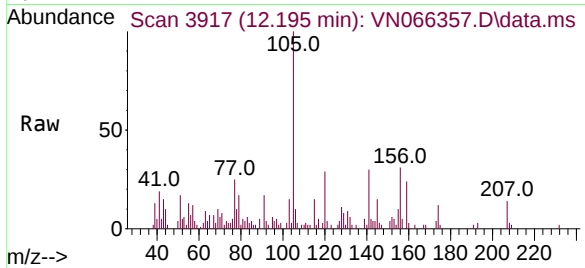
#73
Isopropylbenzene
Concen: 0.91 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion: 105 Resp: 17067
Ion Ratio Lower Upper
105 100
120 29.9 13.3 39.8

Instrument :
MSVOA_N
ClientSampled :
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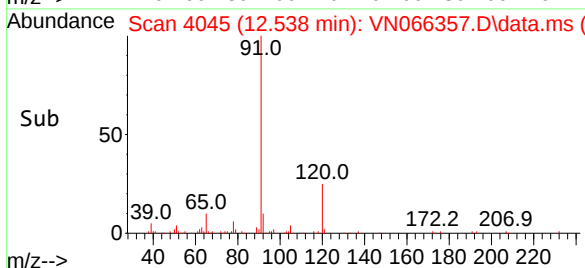
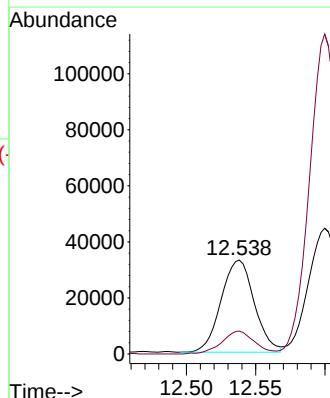
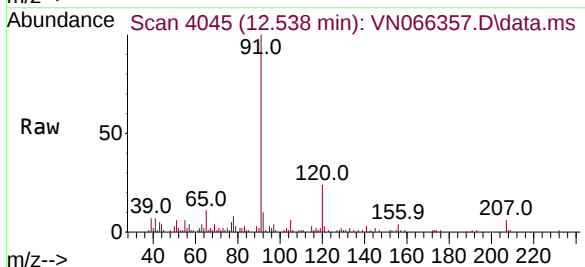
Manual Integrations
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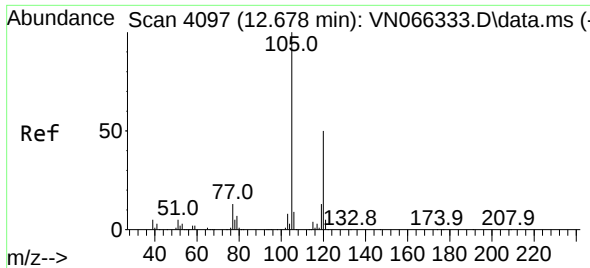
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#78
n-propylbenzene
Concen: 2.68 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.003 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion: 91 Resp: 54779
Ion Ratio Lower Upper
91 100
120 24.6 11.7 35.1





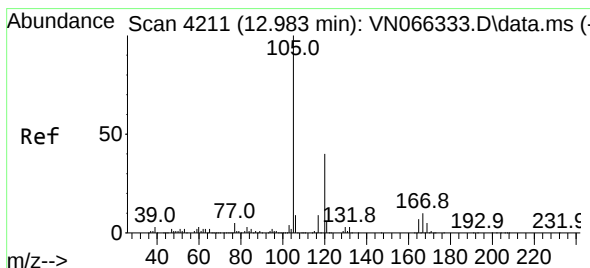
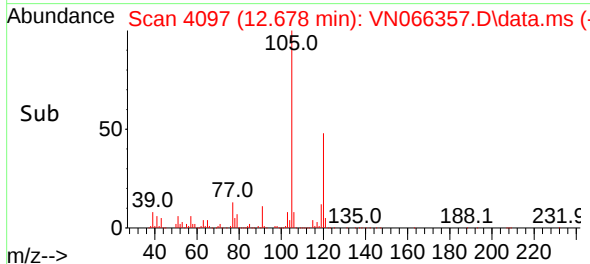
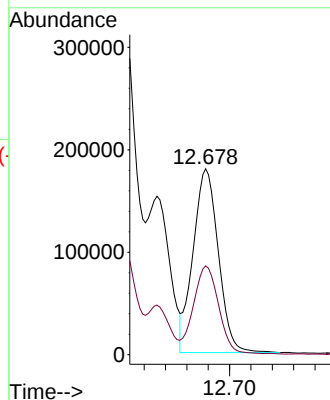
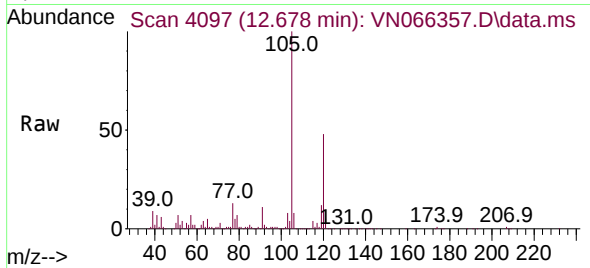
#80
1,3,5-Trimethylbenzene
Concen: 19.21 ug/l
RT: 12.678 min Scan# 4097
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

Tgt Ion:105 Resp: 294806
Ion Ratio Lower Upper
105 100
120 47.0 24.5 73.5

Instrument :
MSVOA_N
ClientSampled :
238

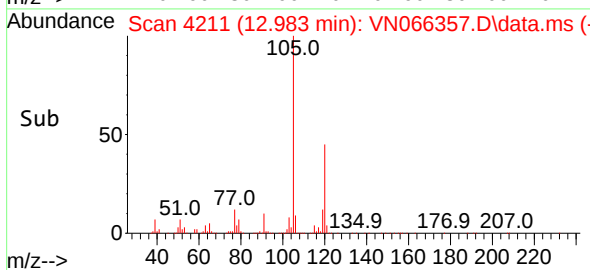
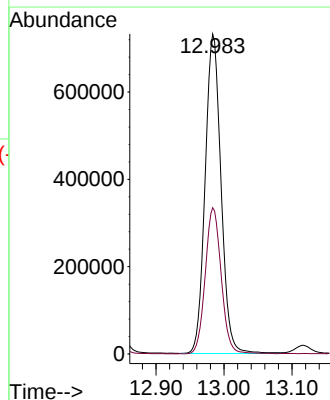
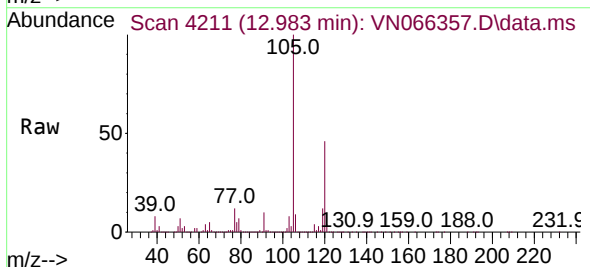
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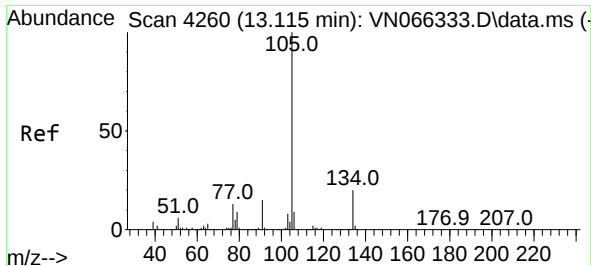
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#84
1,2,4-Trimethylbenzene
Concen: 79.61 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20

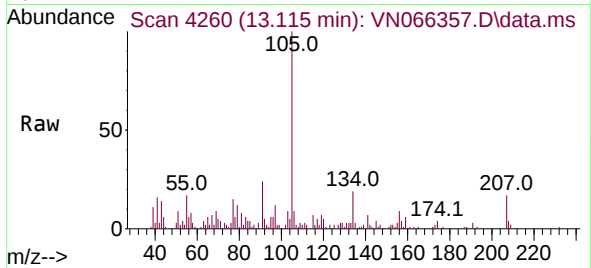
Tgt Ion:105 Resp: 1187305
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 1.96 ug/l m
 RT: 13.115 min Scan# 4260
 Delta R.T. 0.000 min
 Lab File: VN066357.D
 Acq: 26 Mar 2021 18:20

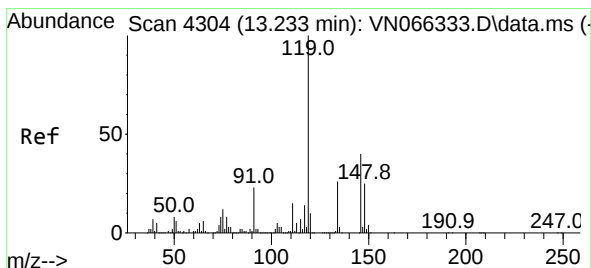
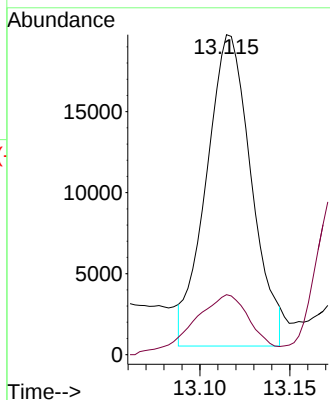
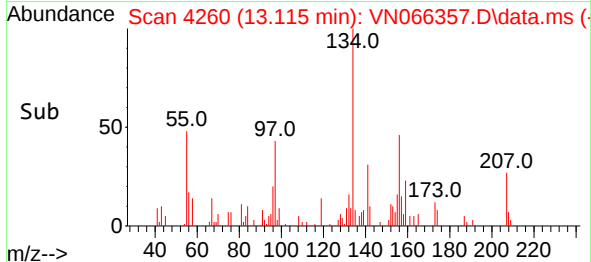
Instrument :
 MSVOA_N
 ClientSampled :
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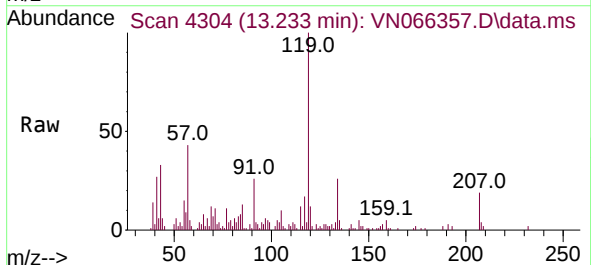
Tgt Ion:105 Resp: 33481
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#

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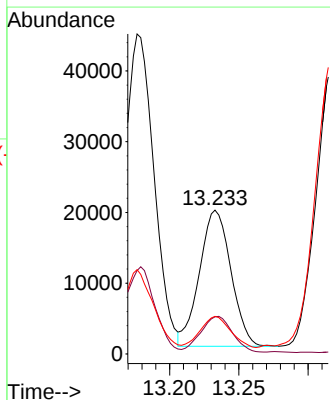
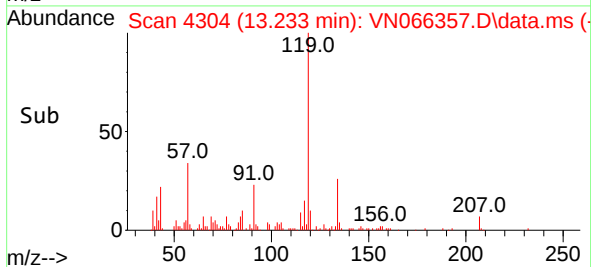
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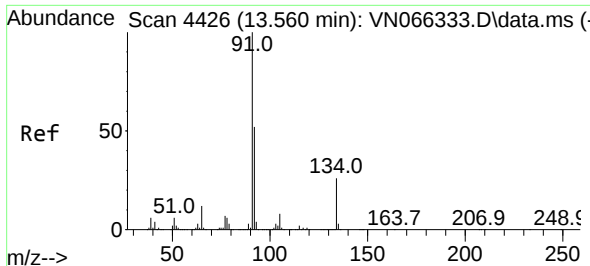


#86
 p-Isopropyltoluene
 Concen: 1.99 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. 0.000 min
 Lab File: VN066357.D
 Acq: 26 Mar 2021 18:20

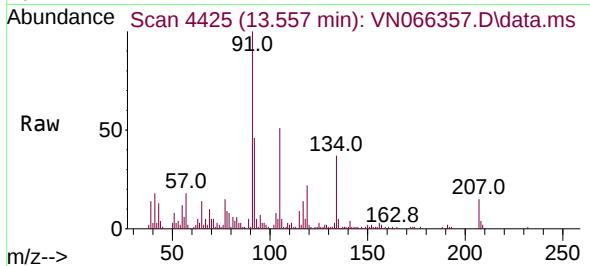


Tgt Ion:119 Resp: 30476
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 21.6 11.5 34.5

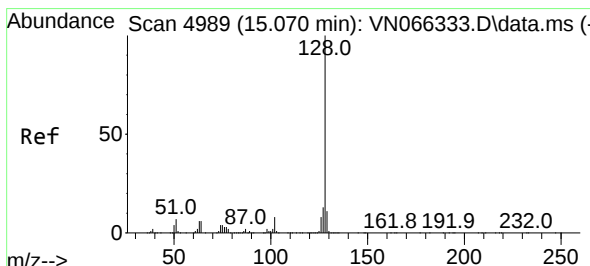
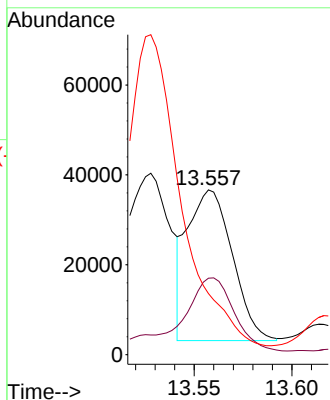
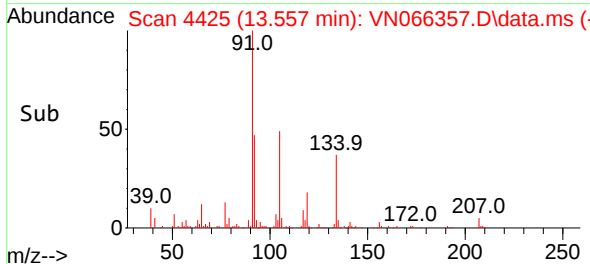




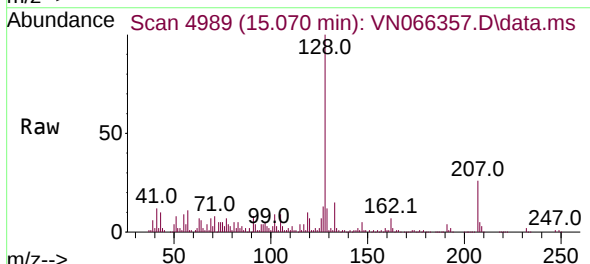
#89
n-Butylbenzene
Concen: 4.23 ug/l m
RT: 13.557 min Scan# 4425
Delta R.T. -0.003 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20



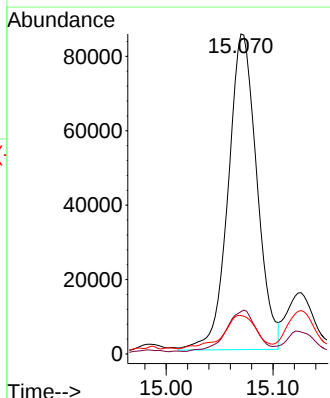
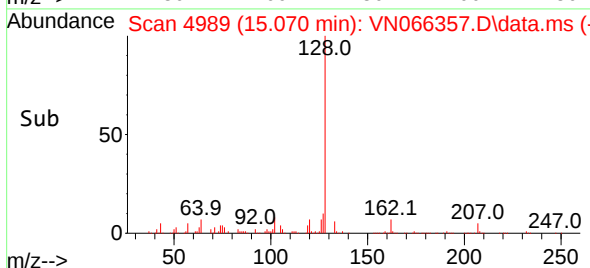
Tgt Ion: 91 Resp: 53639
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 248.8 12.8 38.4#



#95
Naphthalene
Concen: 12.02 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066357.D
Acq: 26 Mar 2021 18:20



Tgt Ion: 128 Resp: 158552
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 12.1 8.5 12.7



Instrument :
MSVOA_N
ClientSampleId :
238

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