

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066356.D
 Acq On : 26 Mar 2021 17:56
 Operator : JC/MD
 Sample : M1777-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 245

Manual Integrations
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Quant Time: Mar 27 01:50:00 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	7.584	168	465176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	699770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	610976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	242244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	316674	51.21	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.42%			
35) Dibromofluoromethane	7.507	113	248433	53.55	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.10%			
50) Toluene-d8	10.028	98	947629	53.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.72%			
62) 4-Bromofluorobenzene	12.345	95	291445	47.69	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.38%			
Target Compounds					Qvalue	
16) Acetone	3.738	43	528470	158.18	ug/l	100
19) Methyl tert-butyl Ether	4.940	73	15540	0.98	ug/l #	80
22) Diisopropyl ether	5.855	45	6732	0.41	ug/l #	80
25) 2-Butanone	6.750	43	102851	28.16	ug/l	100
40) Benzene	7.963	78	34286	1.73	ug/l	100
51) 4-Methyl-2-Pentanone	9.920	43	7516	1.04	ug/l	97
52) Toluene	10.092	92	124332	10.20	ug/l	99
67) Ethyl Benzene	11.452	91	42051	1.90	ug/l	99
68) m/p-Xylenes	11.562	106	93037	11.07	ug/l	99
69) o-Xylene	11.892	106	72467	8.94	ug/l	99
73) Isopropylbenzene	12.195	105	5230	0.29	ug/l	96
78) n-propylbenzene	12.535	91	20921	1.07	ug/l	98
80) 1,3,5-Trimethylbenzene	12.677	105	107477	7.29	ug/l	100
84) 1,2,4-Trimethylbenzene	12.983	105	563714	39.37	ug/l	100
86) p-Isopropyltoluene	13.233	119	13441	0.91	ug/l	95
89) n-Butylbenzene	13.560	91	23099m	1.90	ug/l	
95) Naphthalene	15.070	128	245844	18.77	ug/l	99

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

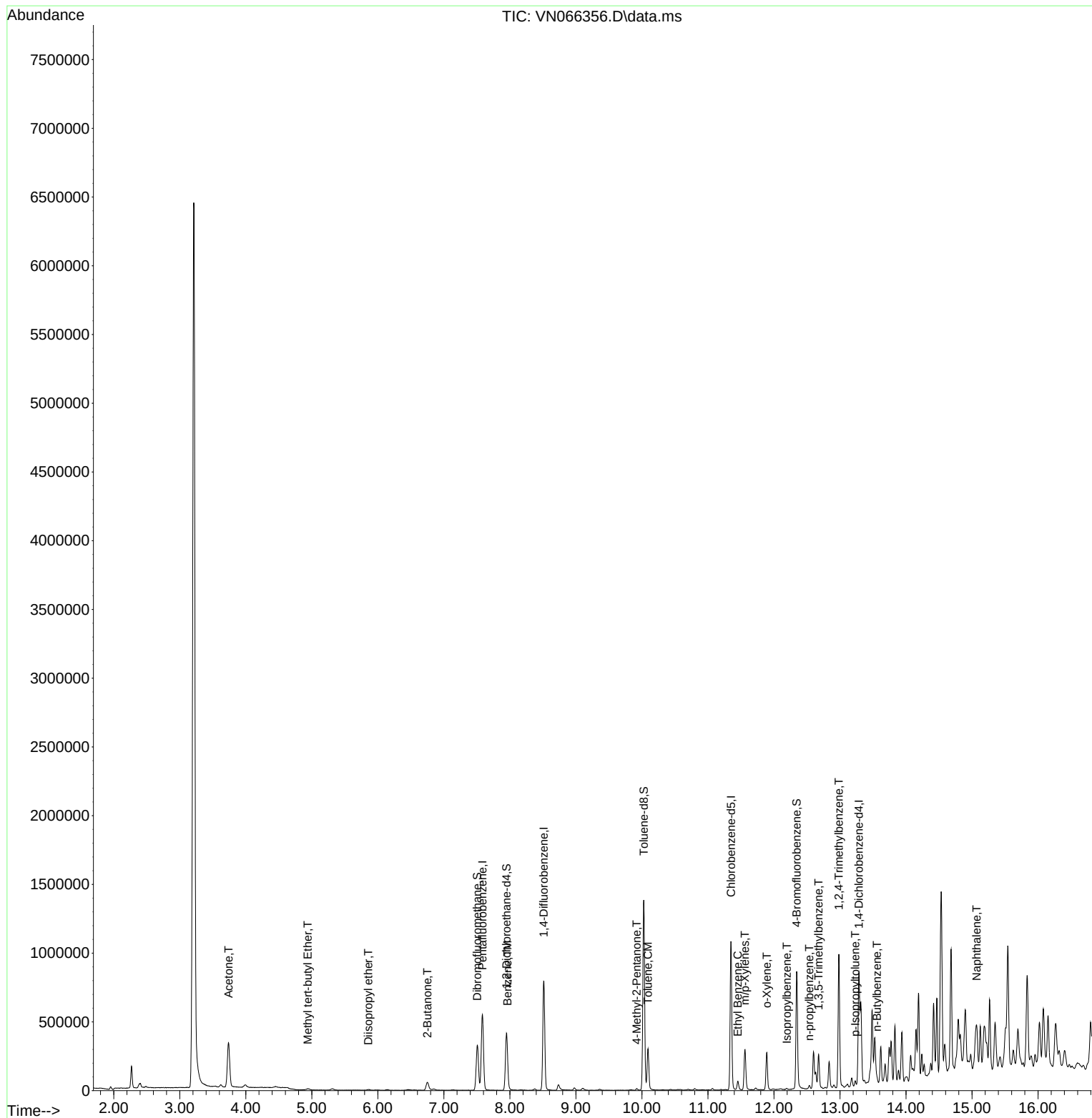
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
Data File : VN066356.D
Acq On : 26 Mar 2021 17:56
Operator : JC/MD
Sample : M1777-04
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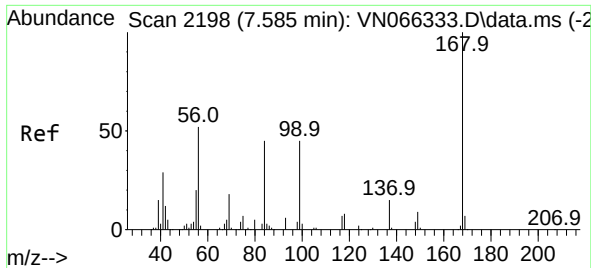
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MSVOA_N
ClientSampleId :
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Quant Time: Mar 27 01:50:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration

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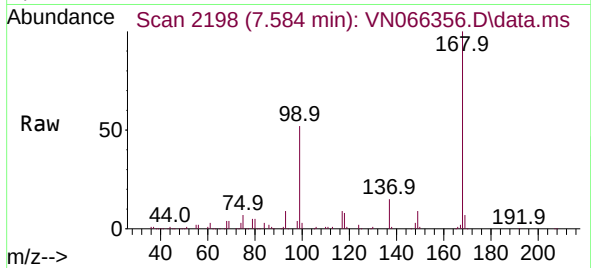
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#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

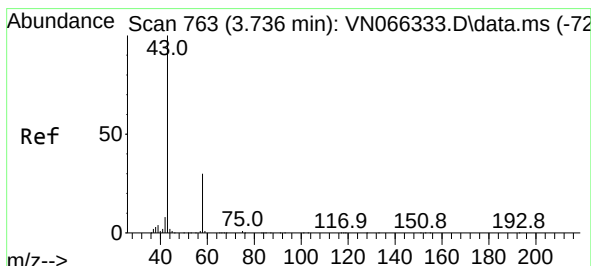
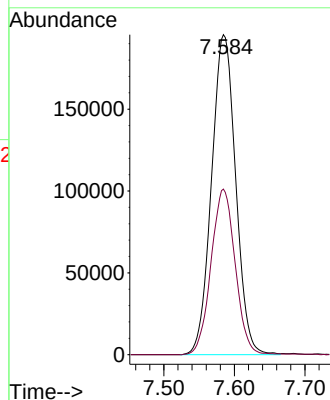
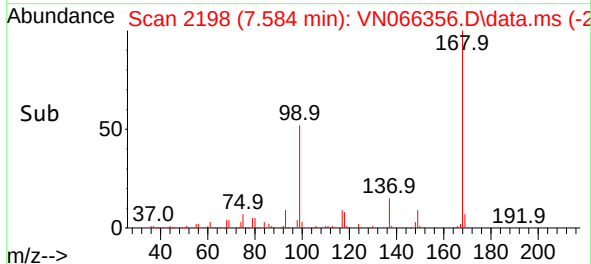
Instrument :
MSVOA_N
ClientSampled :
245



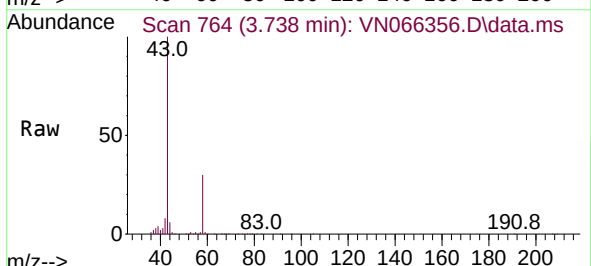
Tgt Ion:168 Resp: 465176
Ion Ratio Lower Upper
168 100
99 51.8 41.1 61.7

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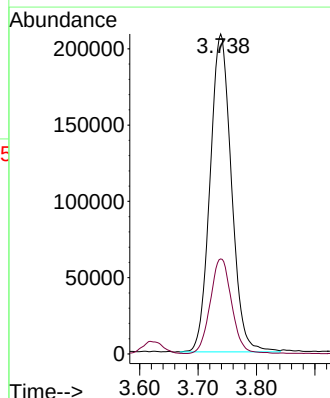
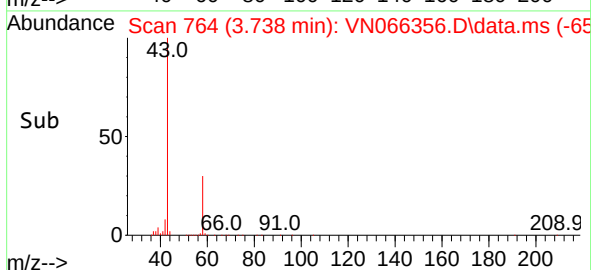
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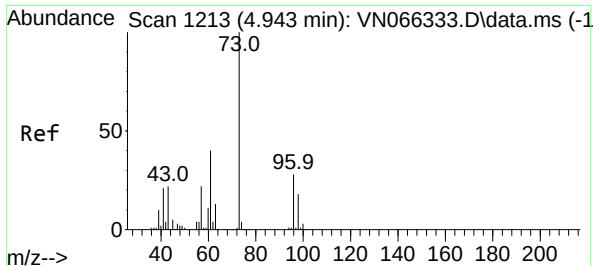


#16
Acetone
Concen: 158.18 ug/l
RT: 3.738 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56



Tgt Ion: 43 Resp: 528470
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.8





#19

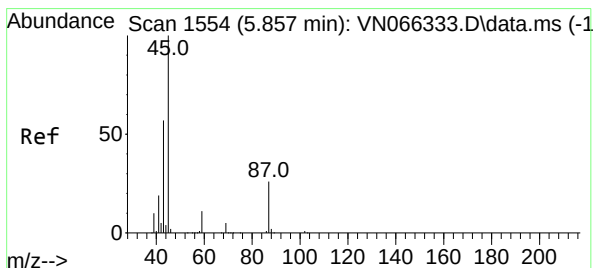
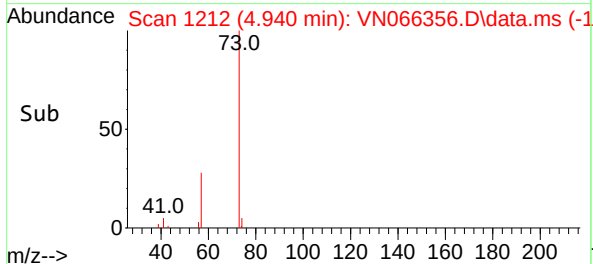
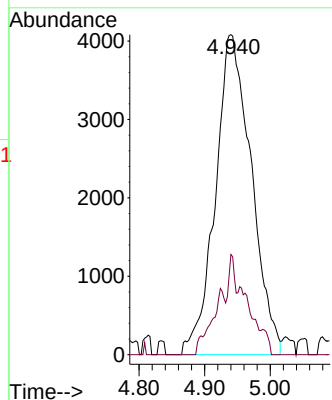
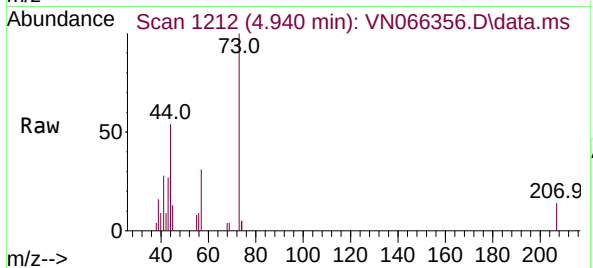
Methyl tert-butyl Ether
Concen: 0.98 ug/l
RT: 4.940 min Scan# 1212
Delta R.T. -0.003 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 73 Resp: 15540
Ion Ratio Lower Upper
73 100
57 31.3 17.6 26.4#

Instrument :
MSVOA_N
ClientSampled :
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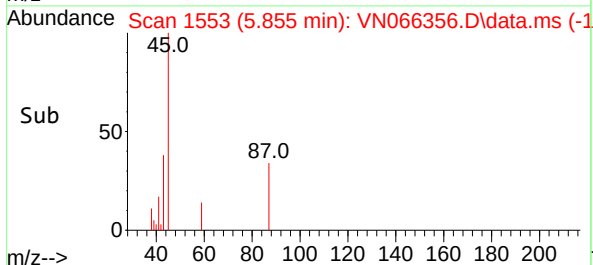
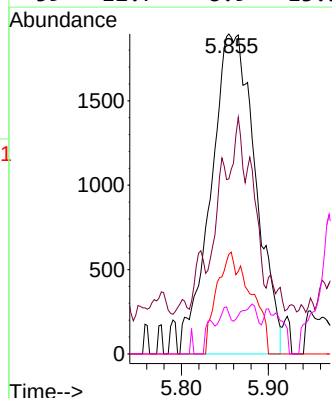
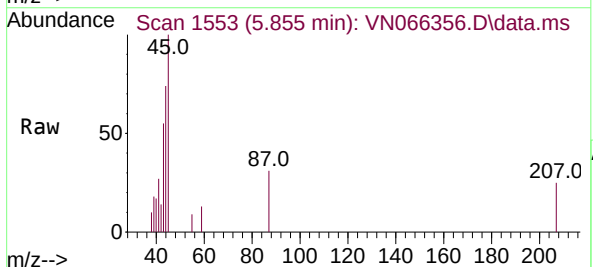
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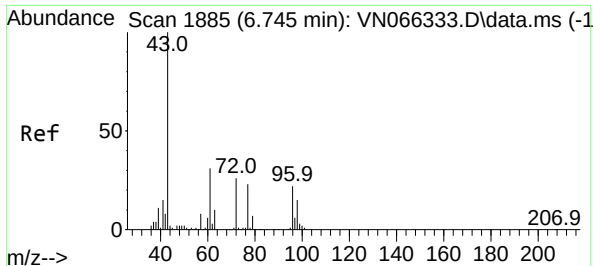


#22

Diisopropyl ether
Concen: 0.41 ug/l
RT: 5.855 min Scan# 1553
Delta R.T. -0.003 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

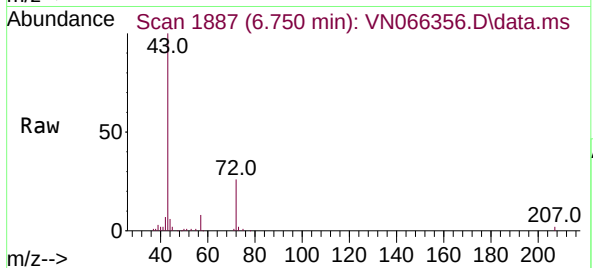
Tgt Ion: 45 Resp: 6732
Ion Ratio Lower Upper
45 100
43 39.1 48.1 72.1#
87 31.2 21.6 32.4
59 12.7 8.9 13.3





#25
2-Butanone
Concen: 28.16 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.005 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

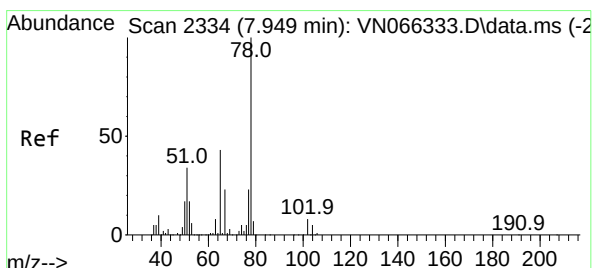
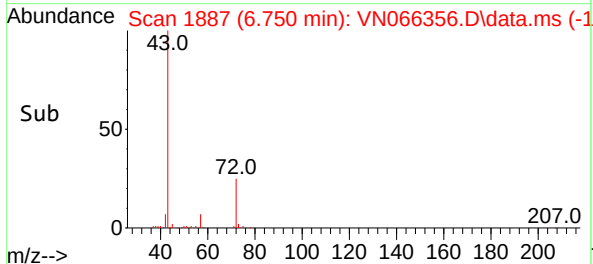
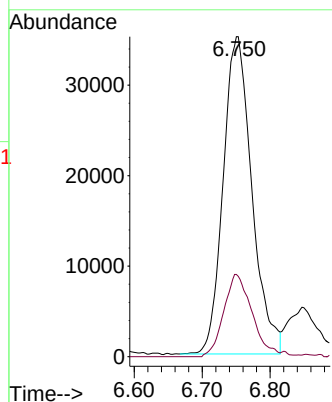
Instrument :
MSVOA_N
ClientSampled :
245



Tgt Ion: 43 Resp: 102851
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1

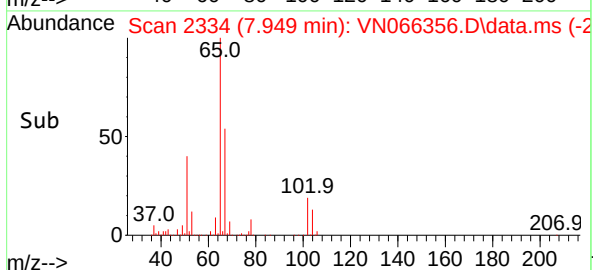
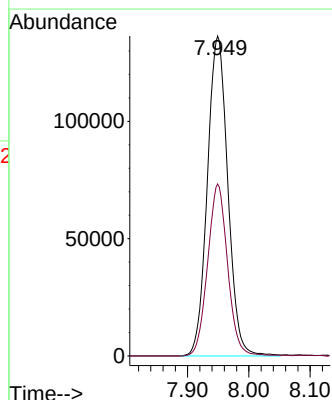
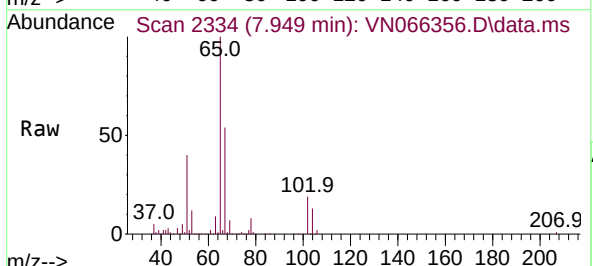
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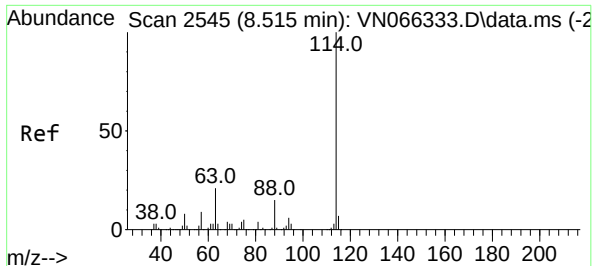
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#33
1,2-Dichloroethane-d4
Concen: 51.21 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066356.D
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Tgt Ion: 65 Resp: 316674
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2





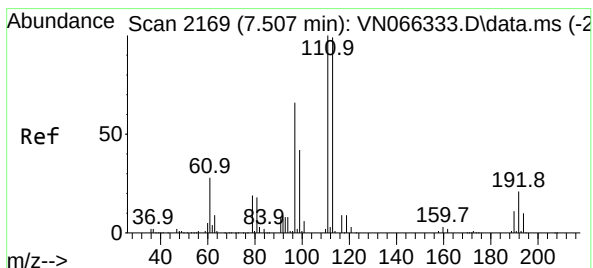
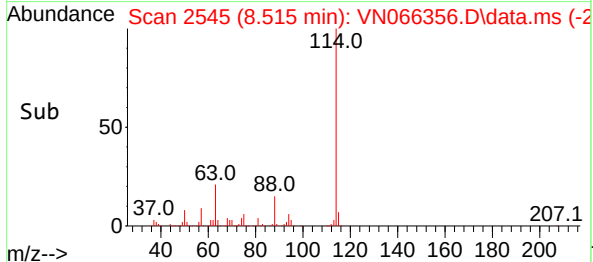
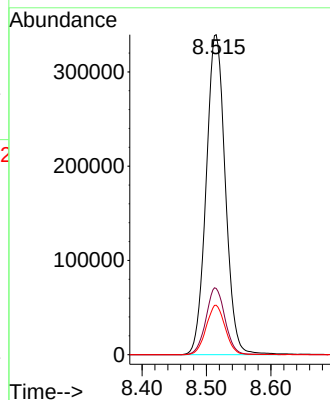
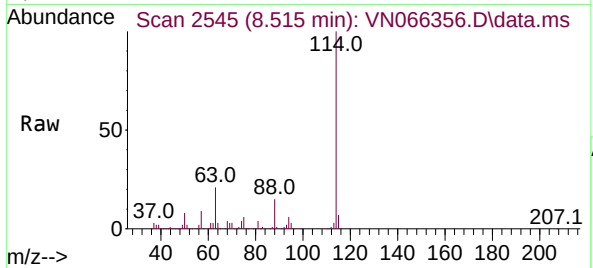
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion:114 Resp: 699770
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.0
88 15.5 0.0 31.0

Instrument :
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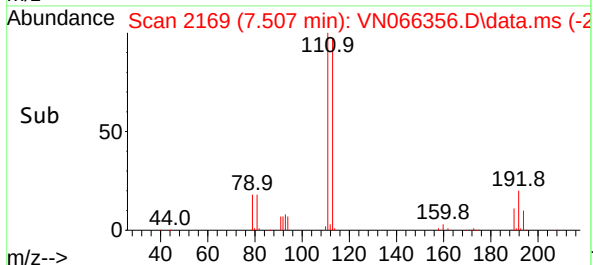
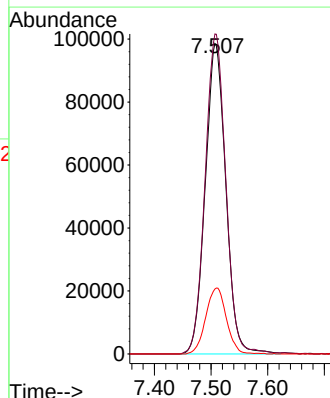
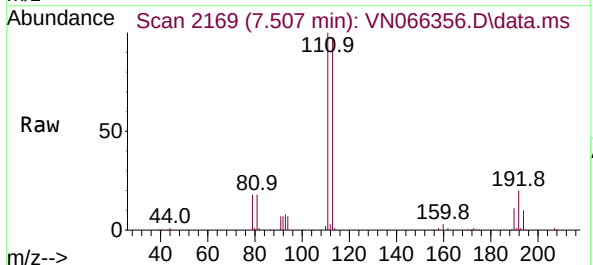
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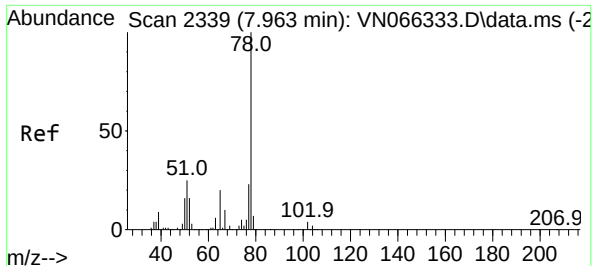
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#35
Dibromofluoromethane
Concen: 53.55 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

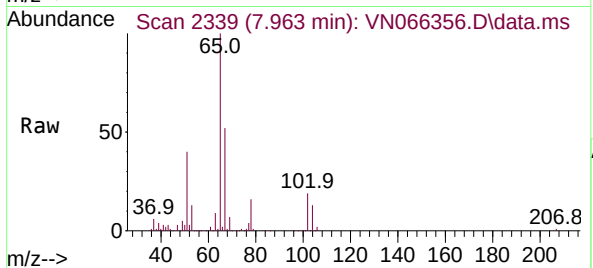
Tgt Ion:113 Resp: 248433
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 21.3 17.1 25.7





#40
Benzene
Concen: 1.73 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

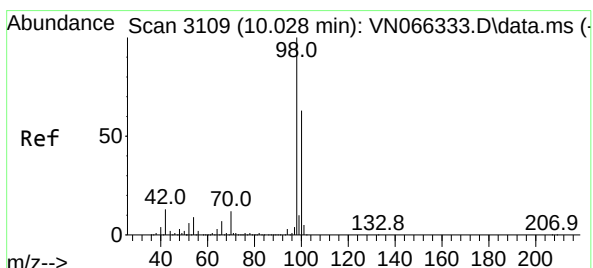
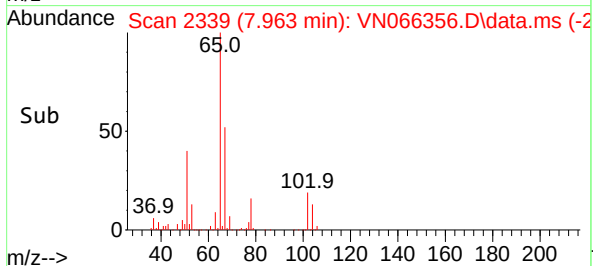
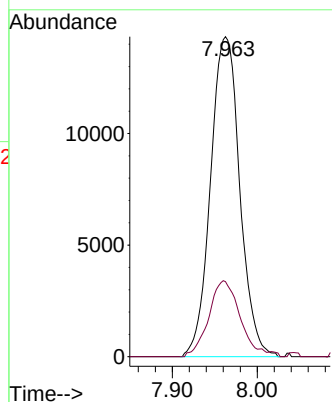
Instrument :
MSVOA_N
ClientSampled :
245



Tgt Ion: 78 Resp: 34286
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

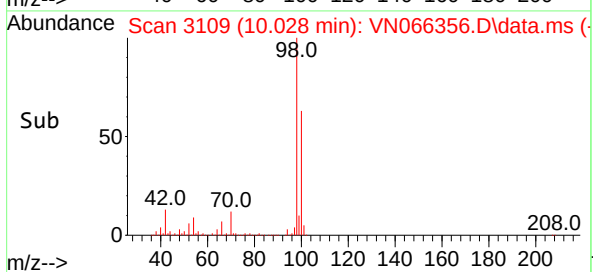
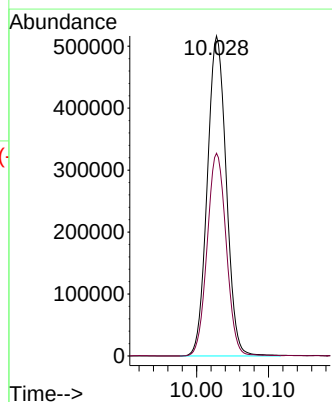
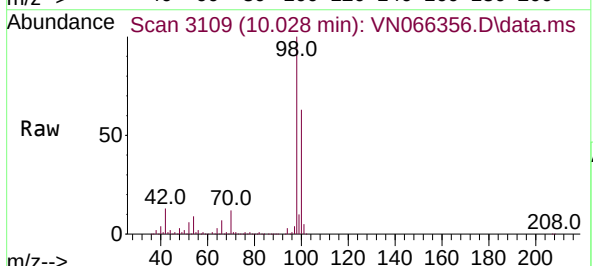
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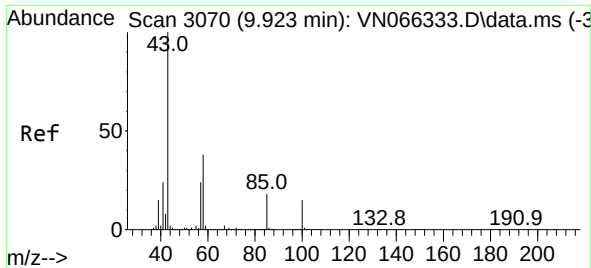
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#50
Toluene-d8
Concen: 53.86 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 98 Resp: 947629
Ion Ratio Lower Upper
98 100
100 63.8 50.5 75.7





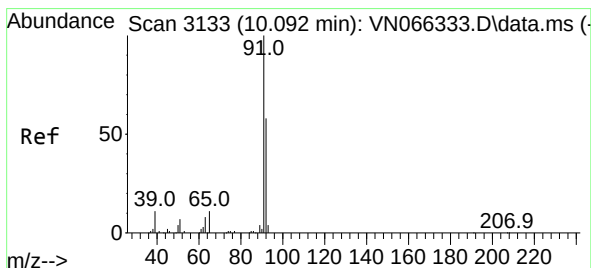
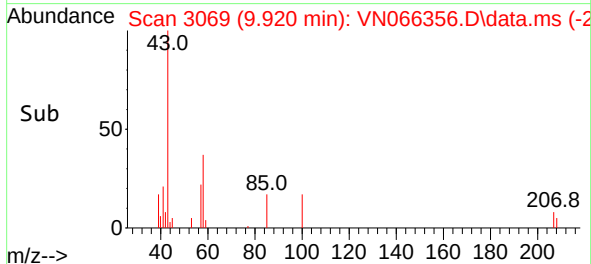
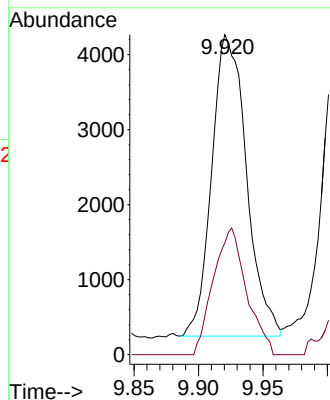
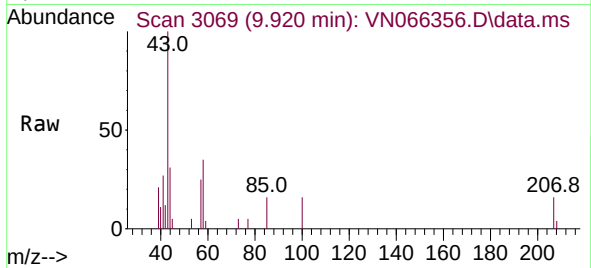
#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 9.920 min Scan# 3069
Delta R.T. -0.003 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 43 Resp: 7516
Ion Ratio Lower Upper
43 100
58 40.1 30.8 46.2

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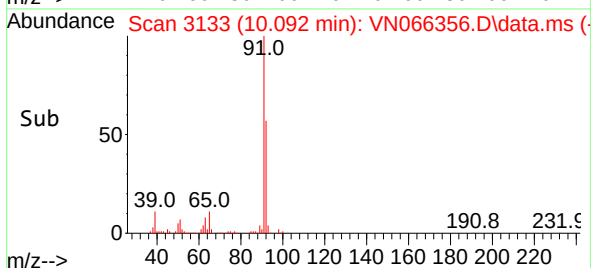
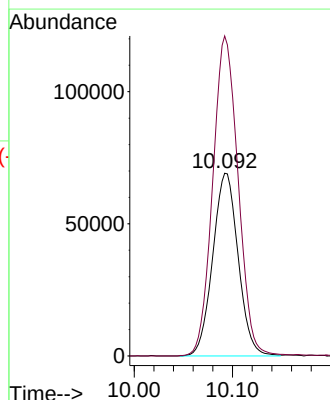
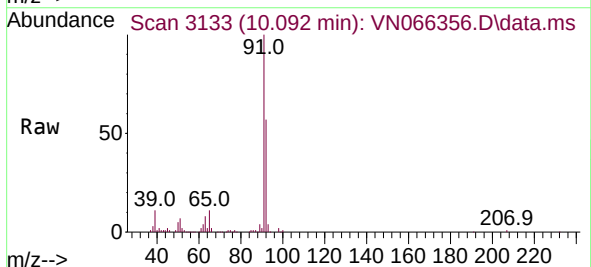
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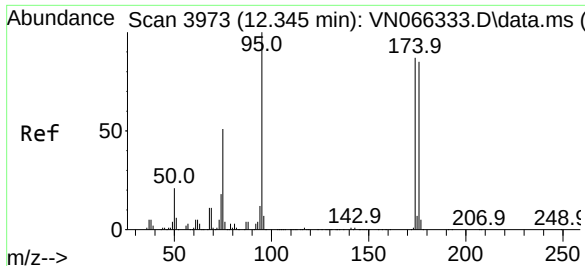
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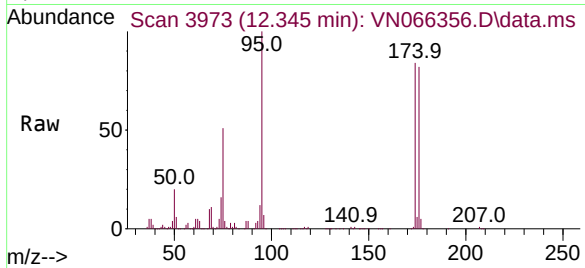
#52
Toluene
Concen: 10.20 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 92 Resp: 124332
Ion Ratio Lower Upper
92 100
91 174.9 138.8 208.2

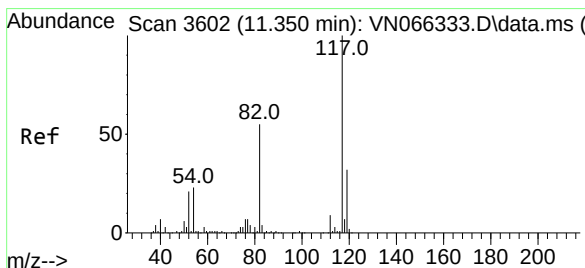
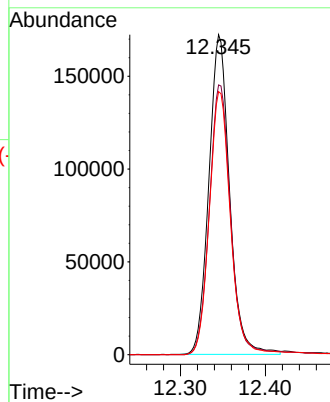
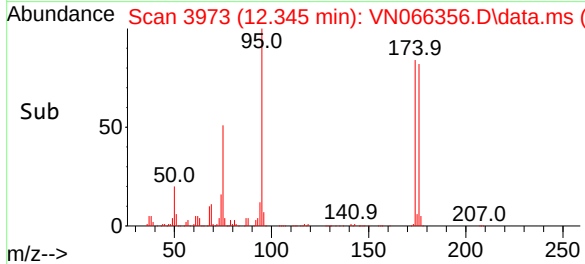




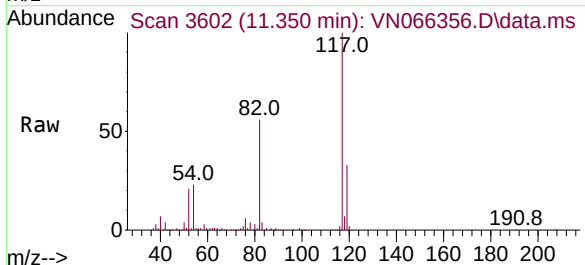
#62
4-Bromofluorobenzene
Concen: 47.69 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56



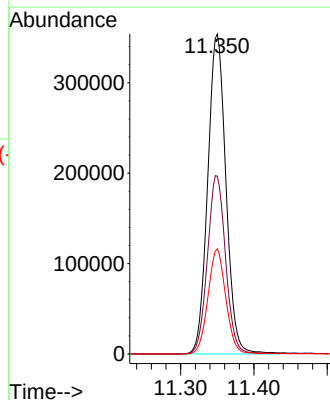
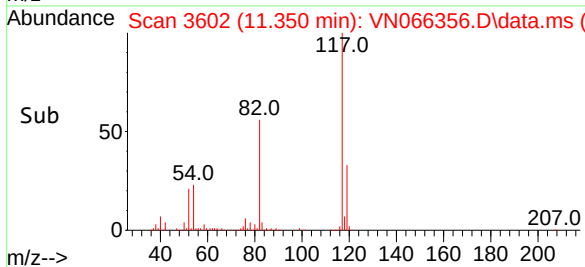
Tgt Ion: 95 Resp: 291445
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.2
176 84.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56



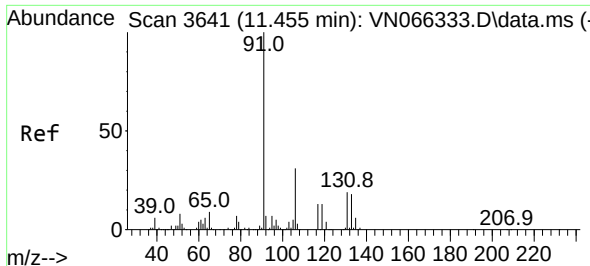
Tgt Ion: 117 Resp: 610976
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.4
119 32.9 25.8 38.6



Instrument :
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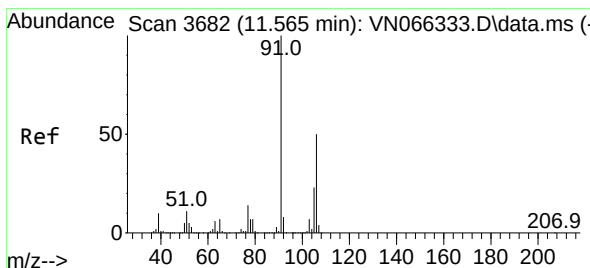
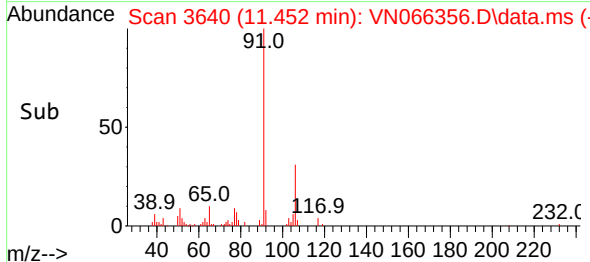
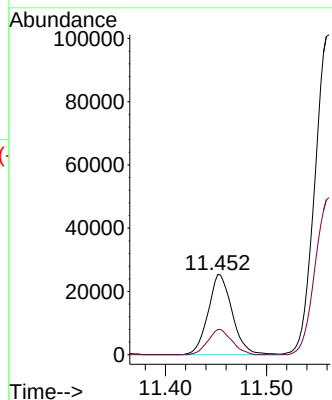
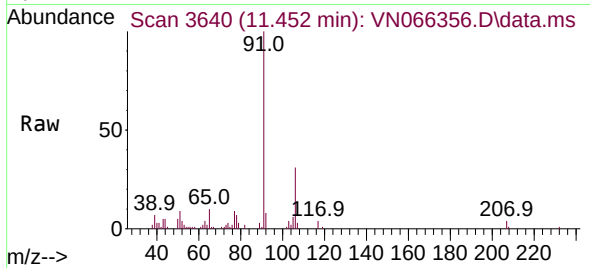
#67
Ethyl Benzene
Concen: 1.90 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 91 Resp: 42051
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

Instrument :
MSVOA_N
ClientSampled :
245

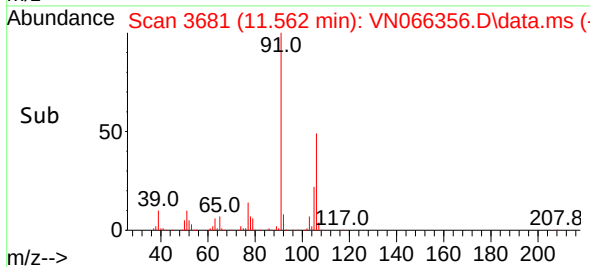
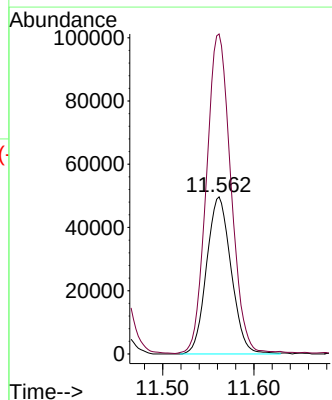
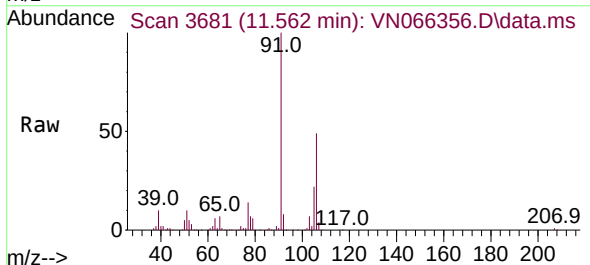
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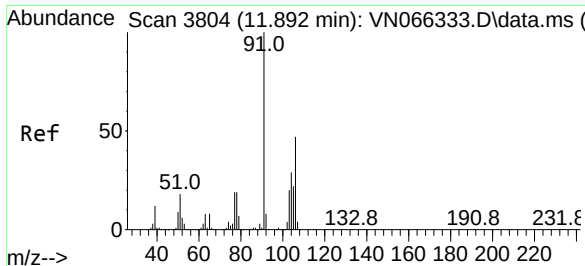
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#68
m/p-Xylenes
Concen: 11.07 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 106 Resp: 93037
Ion Ratio Lower Upper
106 100
91 202.1 162.7 244.1





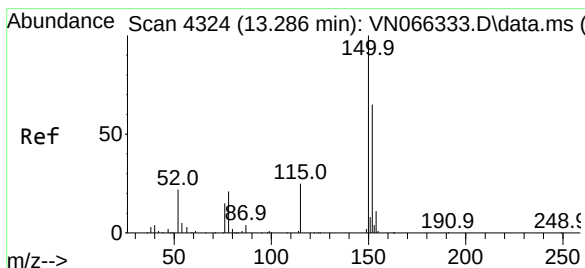
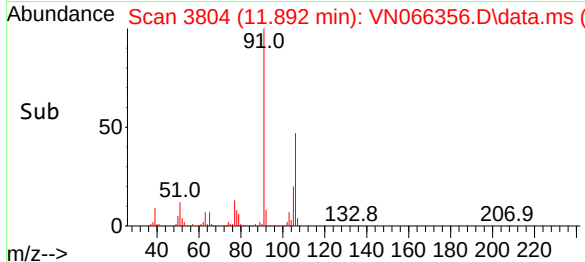
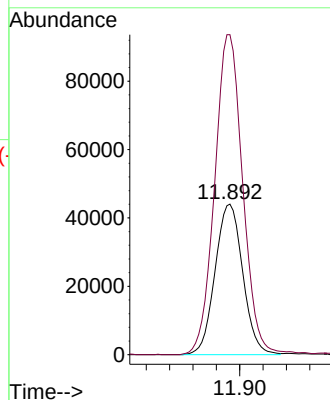
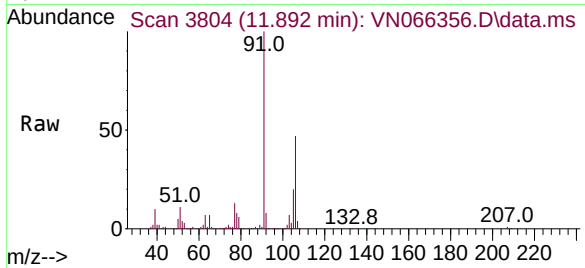
#69
o-Xylene
Concen: 8.94 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion:106 Resp: 72467
Ion Ratio Lower Upper
106 100
91 216.1 107.1 321.4

Instrument :
MSVOA_N
ClientSampled :
245

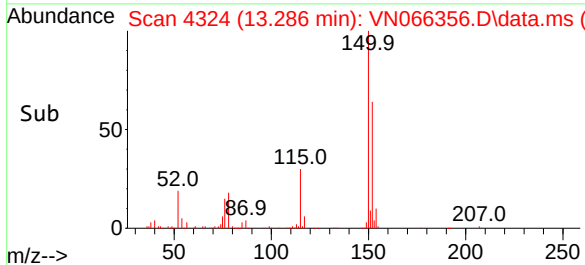
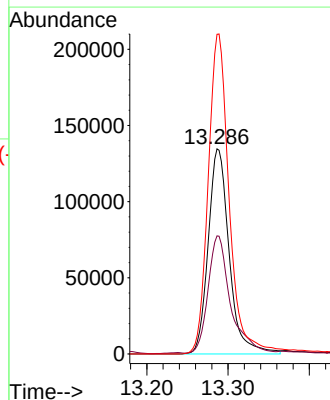
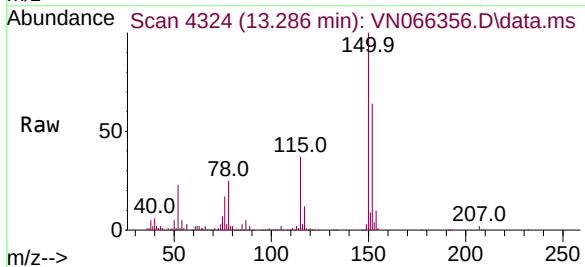
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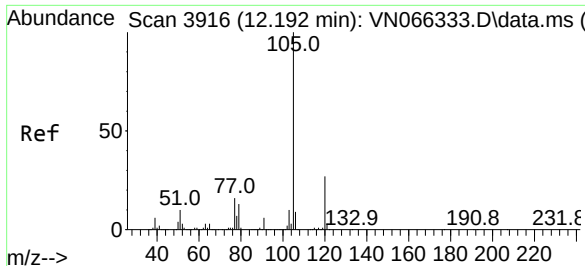
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

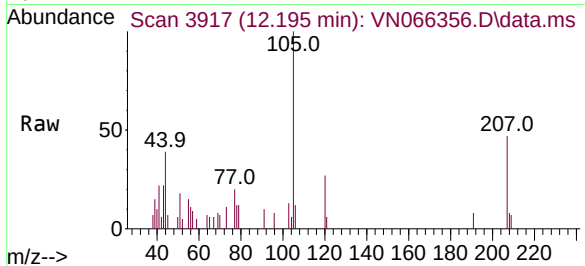
Tgt Ion:152 Resp: 242244
Ion Ratio Lower Upper
152 100
115 60.6 27.8 83.4
150 156.4 0.0 348.4





#73
Isopropylbenzene
Concen: 0.29 ug/l
RT: 12.195 min Scan# 3917
Delta R.T. 0.003 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

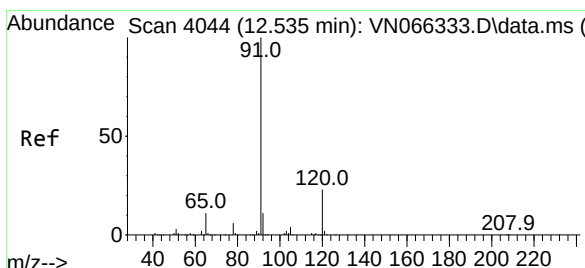
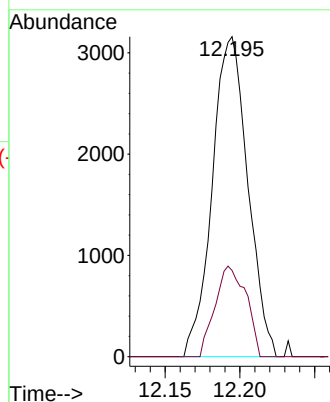
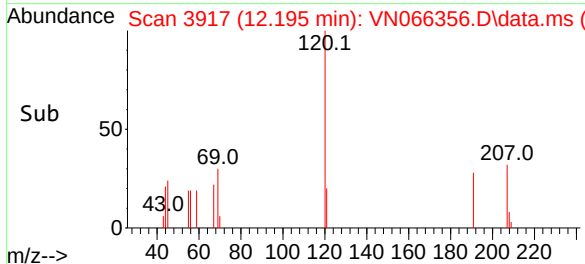
Instrument :
MSVOA_N
ClientSampled :
245



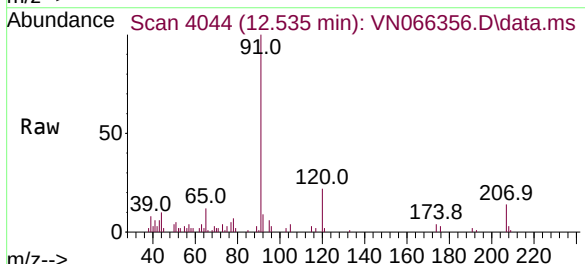
Tgt Ion:105 Resp: 5230
Ion Ratio Lower Upper
105 100
120 24.6 13.3 39.8

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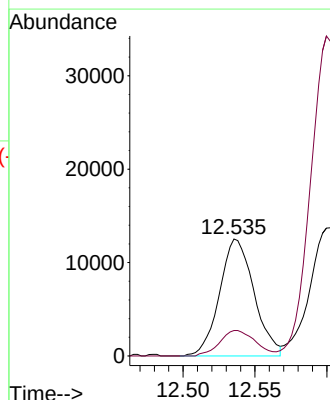
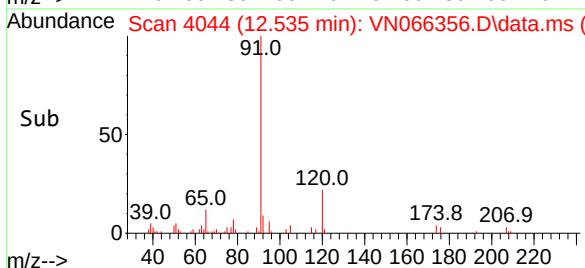
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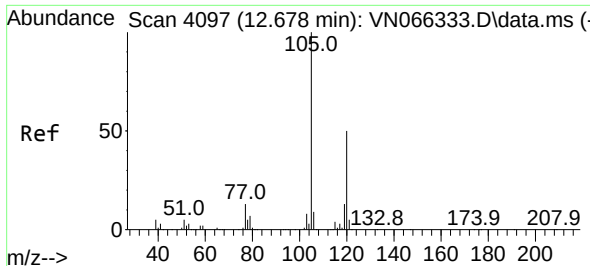


#78
n-propylbenzene
Concen: 1.07 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56



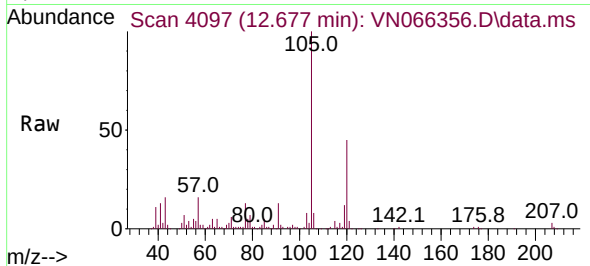
Tgt Ion: 91 Resp: 20921
Ion Ratio Lower Upper
91 100
120 22.6 11.7 35.1





#80
1,3,5-Trimethylbenzene
Concen: 7.29 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

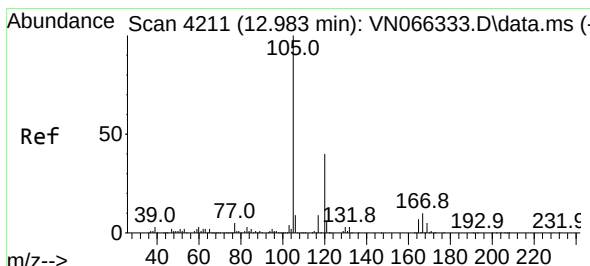
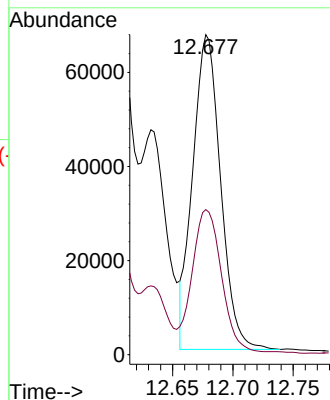
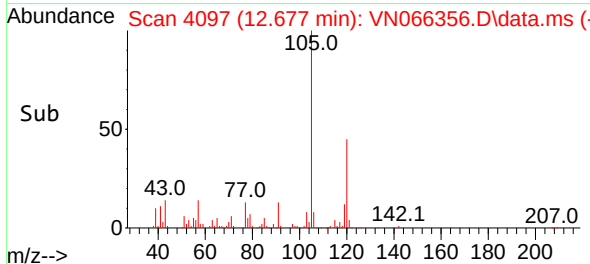
Instrument :
MSVOA_N
ClientSampled :
245



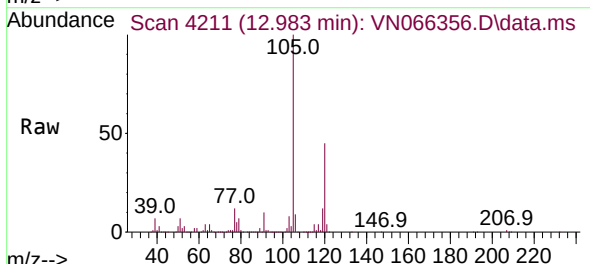
Tgt Ion:105 Resp: 107477
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

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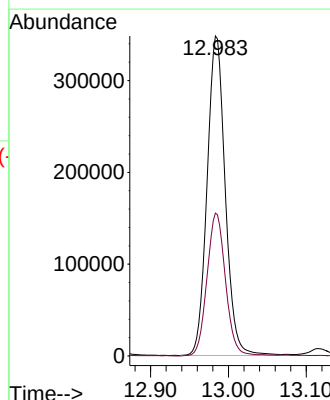
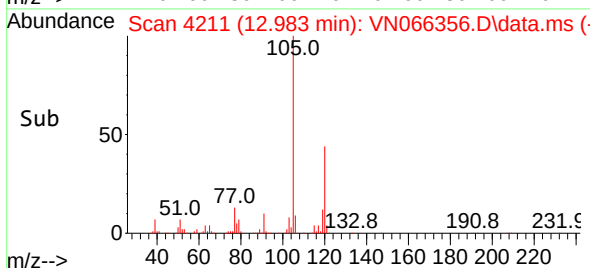
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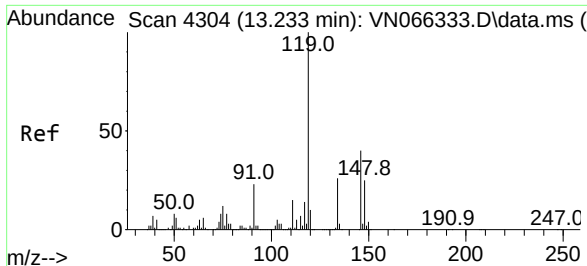


#84
1,2,4-Trimethylbenzene
Concen: 39.37 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56



Tgt Ion:105 Resp: 563714
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





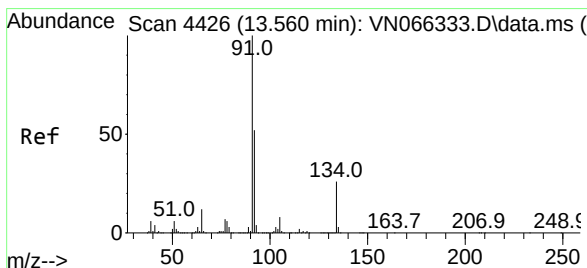
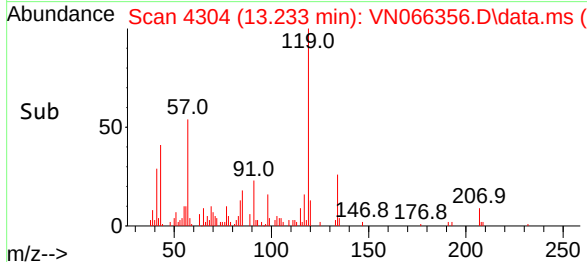
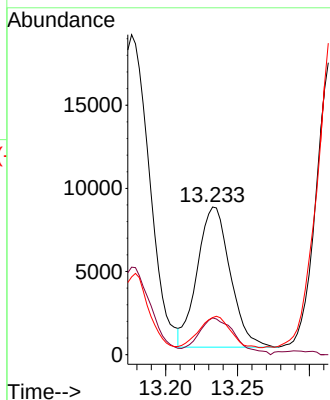
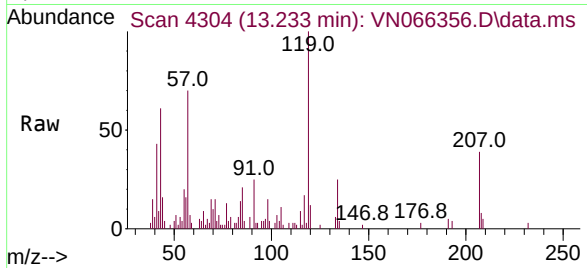
#86
p-Isopropyltoluene
Concen: 0.91 ug/l
RT: 13.233 min Scan# 4304
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 119 Resp: 13441
Ion Ratio Lower Upper
119 100
134 28.9 12.9 38.7
91 20.7 11.5 34.5

Instrument :
MSVOA_N
ClientSampled :
245

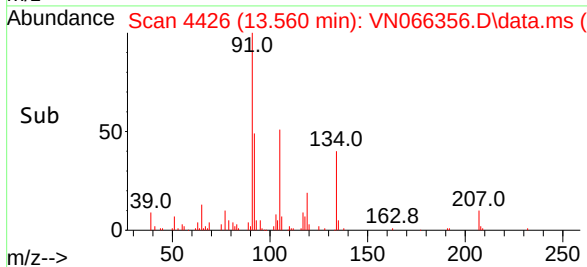
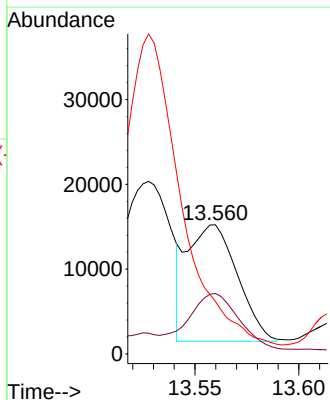
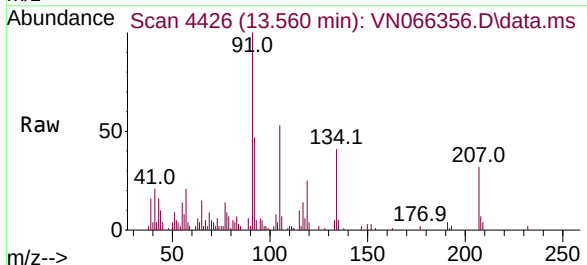
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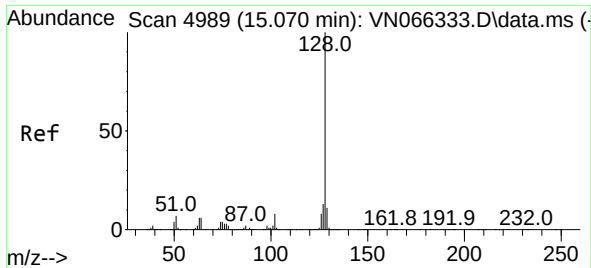
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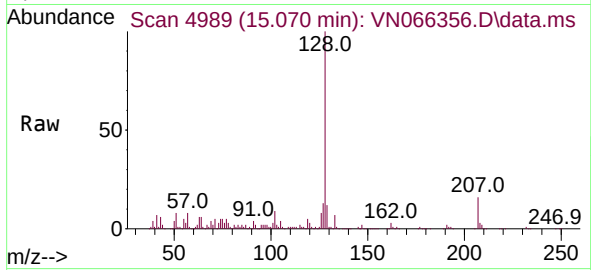
#89
n-Butylbenzene
Concen: 1.90 ug/l m
RT: 13.560 min Scan# 4426
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56

Tgt Ion: 91 Resp: 23099
Ion Ratio Lower Upper
91 100
92 10.9 26.1 78.3#
134 302.7 12.8 38.4#

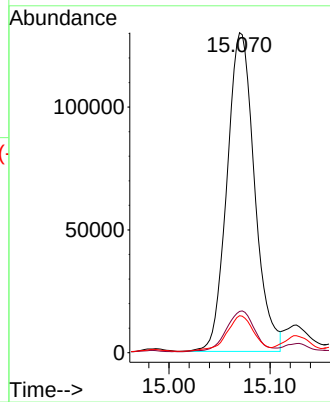
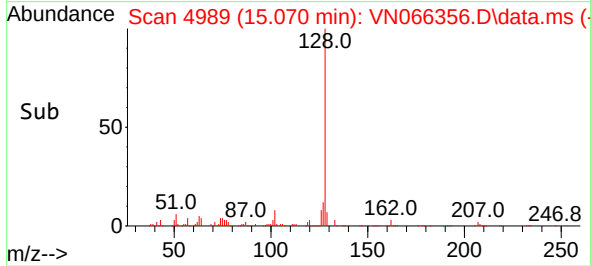




#95
Naphthalene
Concen: 18.77 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066356.D
Acq: 26 Mar 2021 17:56



Tgt Ion:128 Resp: 245844
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.5 12.7



Instrument :
MSVOA_N
ClientSampleId :
245

Manual Integrations
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