

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067212.D
 Acq On : 4 Jun 2021 22:00
 Operator : JC/MD
 Sample : M2589-30
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FOUNDATION-EXCAVATION-SAMP

Manual Integrations
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Quant Time: Jun 05 05:33:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.094	168	136388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.973	114	241040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	284869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	180320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.445	65	91852	49.406	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.820%		
35) Dibromofluoromethane	8.027	113	71256	47.685	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.380%		
50) Toluene-d8	10.448	98	332396	54.618	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.240%		
62) 4-Bromofluorobenzene	12.736	95	179793	76.707	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	153.420%#		
Target Compounds					Qvalue	
16) Acetone	4.296	43	50762	79.130	ug/l	95
20) Methylene Chloride	5.103	84	6530m	4.042	ug/l	
25) 2-Butanone	7.345	43	6531	6.358	ug/l	92
39) Methylcyclohexane	9.467	83	19134	7.587	ug/l	99
40) Benzene	8.466	78	778930	112.762	ug/l	99
43) Isopropyl Acetate	8.566	43	19947	4.888	ug/l #	82
52) Toluene	10.510	92	2575102	565.180	ug/l	99
67) Ethyl Benzene	11.851	91	700290	62.682	ug/l	96
68) m/p-Xylenes	11.956	106	2472529	563.869	ug/l	94
69) o-Xylene	12.286	106	1344241	313.676	ug/l	93
73) Isopropylbenzene	12.583	105	107971	7.869	ug/l	98
78) n-propylbenzene	12.924	91	122705	7.675	ug/l	93
80) 1,3,5-Trimethylbenzene	13.066	105	215524	18.141	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	704739	59.642	ug/l	98
85) sec-Butylbenzene	13.506	105	27757	1.967	ug/l	82
86) p-Isopropyltoluene	13.621	119	135852	10.873	ug/l	93
89) n-Butylbenzene	13.946	91	12304	1.094	ug/l #	81
95) Naphthalene	15.509	128	51287	10.256	ug/l	99

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

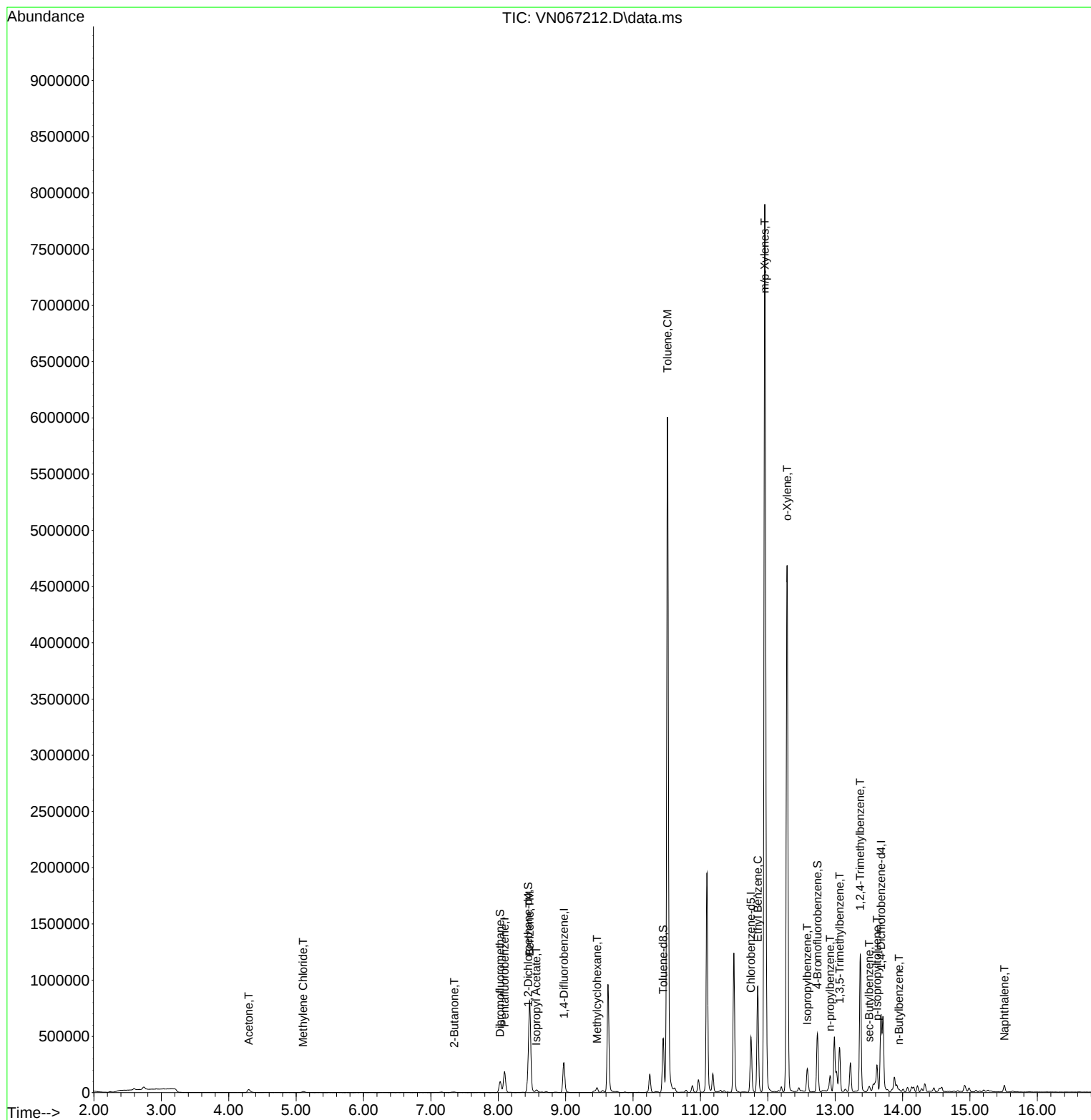
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
Data File : VN067212.D
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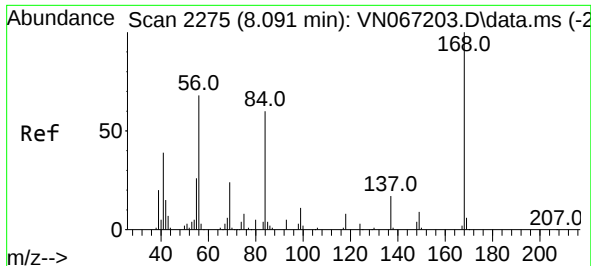
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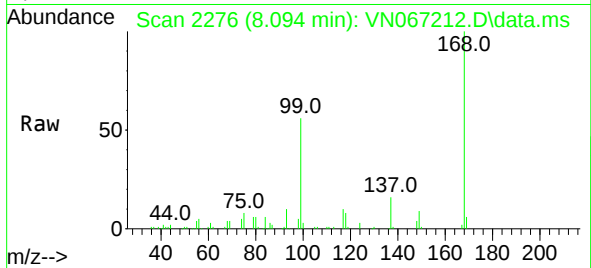
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Quant Time: Jun 05 05:33:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 04 19:00:20 2021
Response via : Initial Calibration

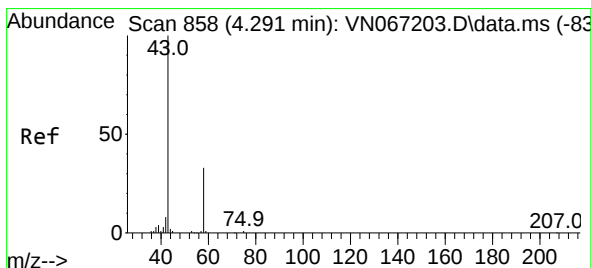
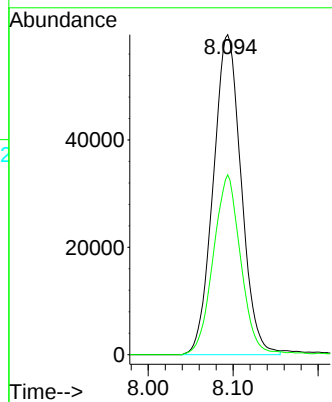
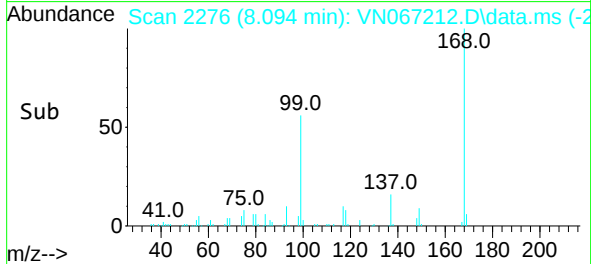




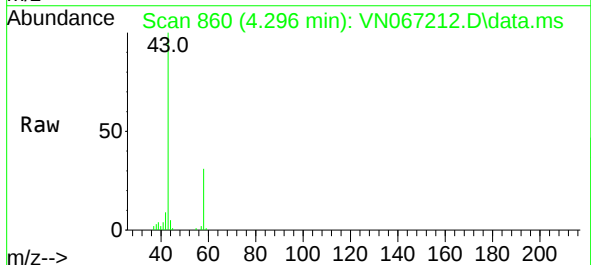
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00



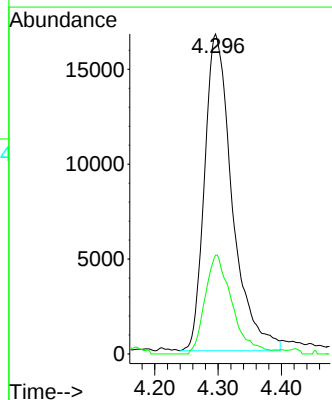
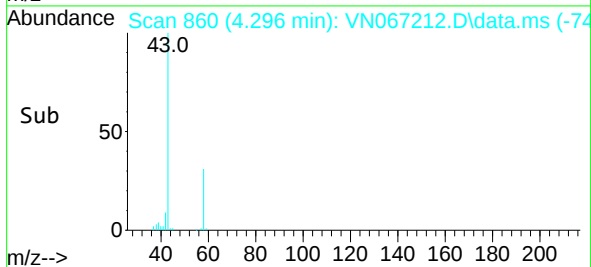
Tgt Ion:168 Resp: 136388
Ion Ratio Lower Upper
168 100
99 56.2 38.5 57.7



#16
Acetone
Concen: 79.130 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00



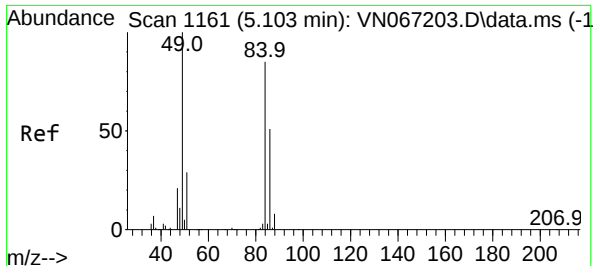
Tgt Ion: 43 Resp: 50762
Ion Ratio Lower Upper
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58 31.1 27.2 40.8



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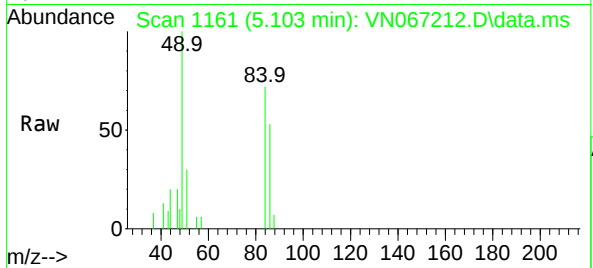
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#20
Methylene Chloride
Concen: 4.042 ug/l m
RT: 5.103 min Scan# 1161
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

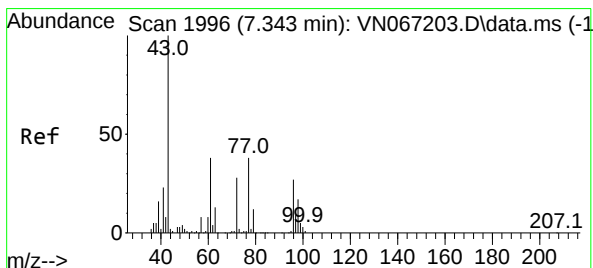
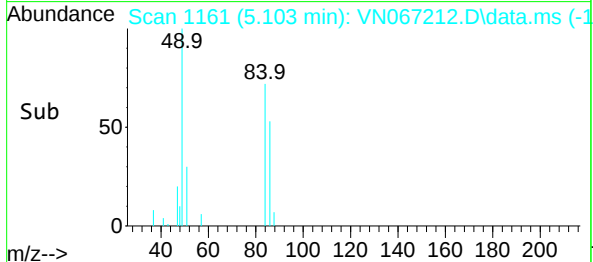
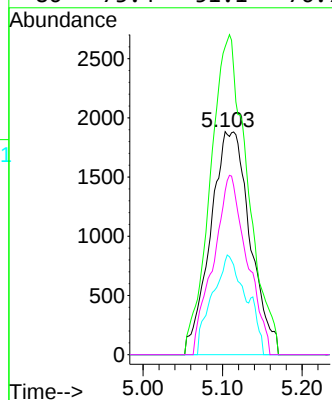
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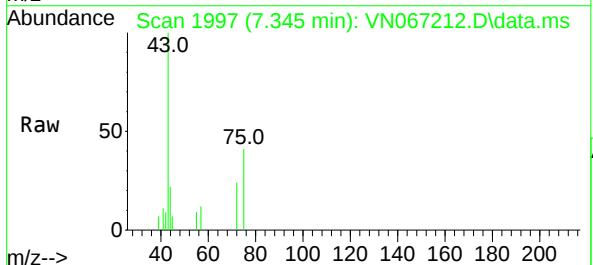
Tgt Ion: 84 Resp: 6530
Ion Ratio Lower Upper
84 100
49 138.0 88.3 132.5#
51 42.0 26.7 40.1#
86 73.4 51.1 76.7

Manual Integrations
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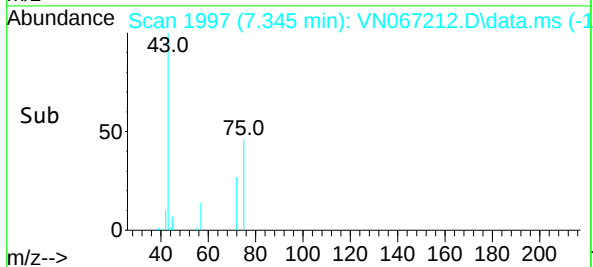
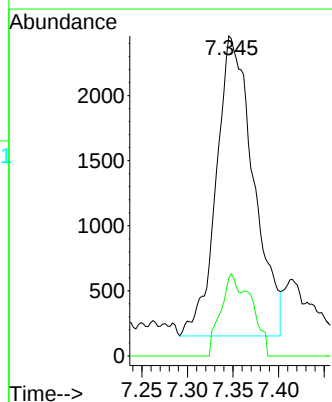
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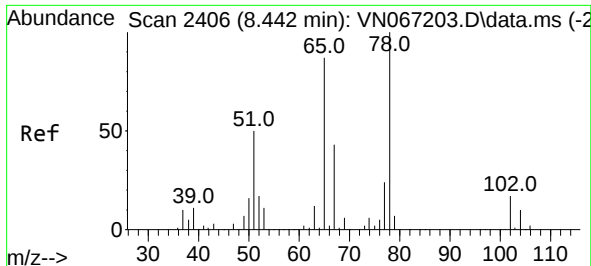


#25
2-Butanone
Concen: 6.358 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.002 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00



Tgt Ion: 43 Resp: 6531
Ion Ratio Lower Upper
43 100
72 26.0 24.4 36.6





#33

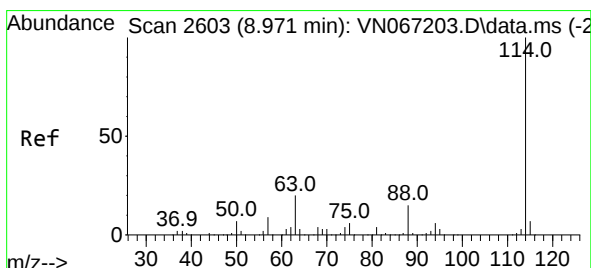
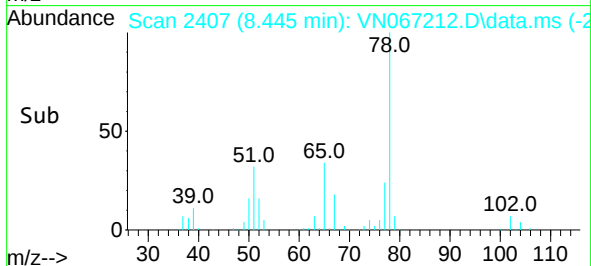
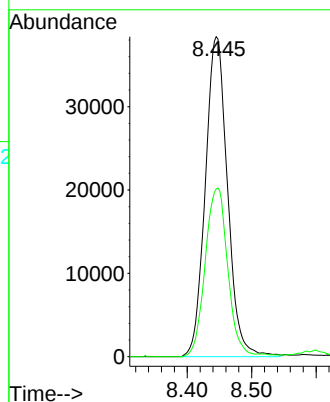
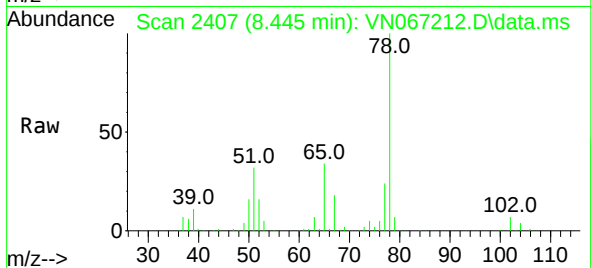
1,2-Dichloroethane-d4
Concen: 49.406 ug/l
RT: 8.445 min Scan# 2407
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	110.4

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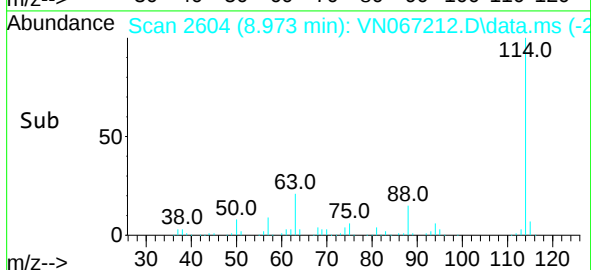
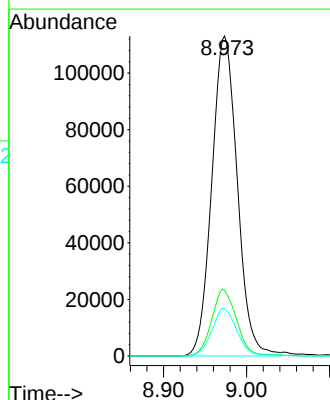
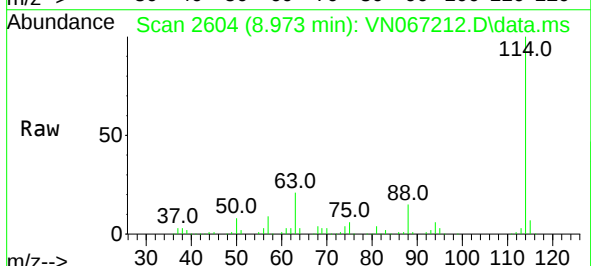
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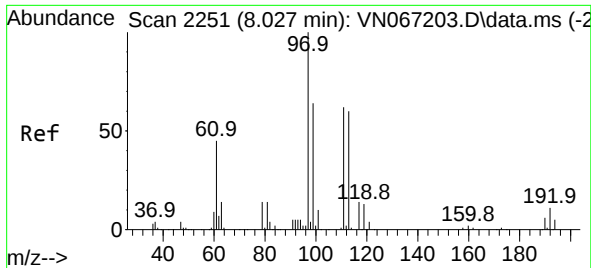


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.973 min Scan# 2604
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

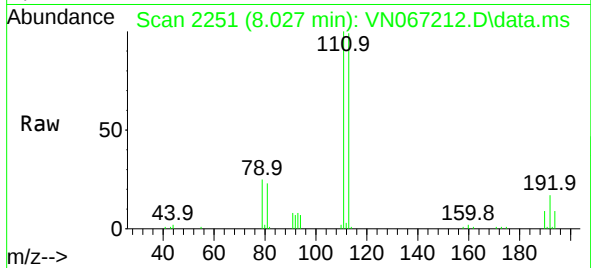
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	35.8
88	14.8	0.0	30.4





#35
Dibromofluoromethane
Concen: 47.685 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

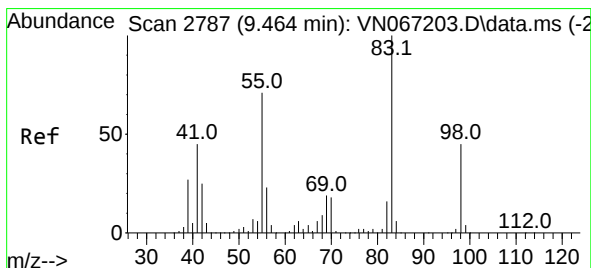
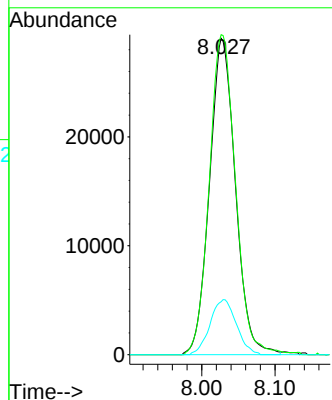
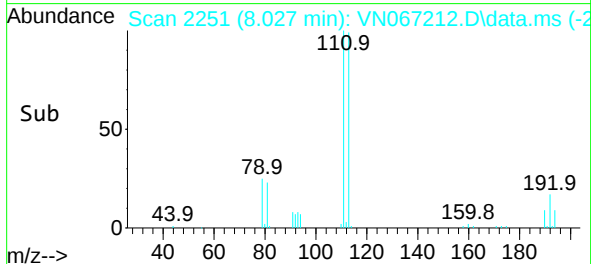
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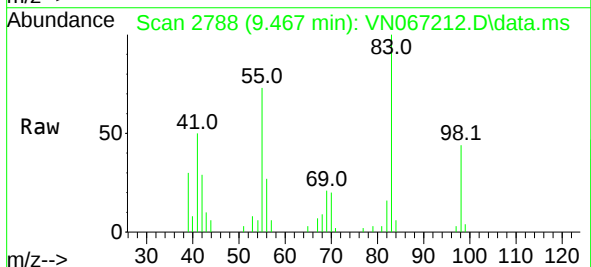
Tgt Ion:113 Resp: 71256
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.7 18.2 27.4#

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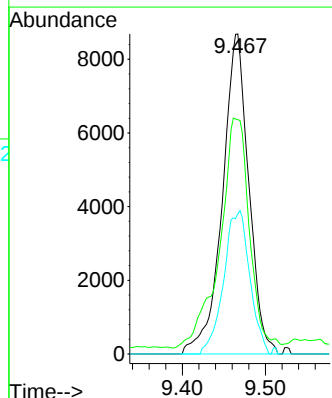
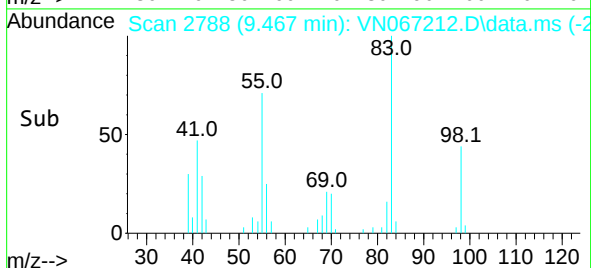
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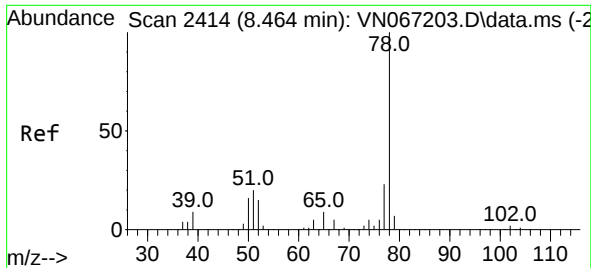


#39
Methylcyclohexane
Concen: 7.587 ug/l
RT: 9.467 min Scan# 2788
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00



Tgt Ion: 83 Resp: 19134
Ion Ratio Lower Upper
83 100
55 70.3 56.2 84.2
98 43.7 36.8 55.2





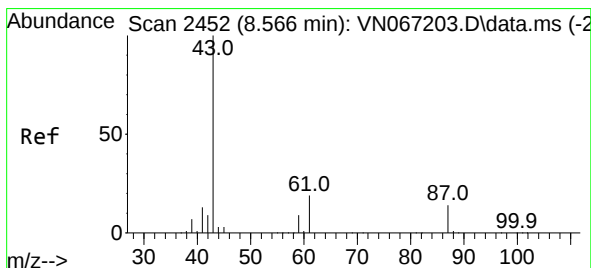
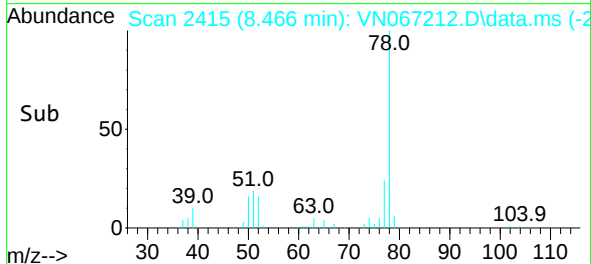
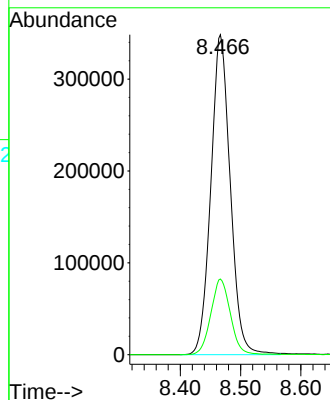
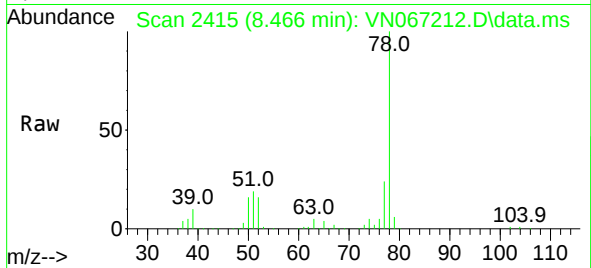
#40
Benzene
Concen: 112.762 ug/l
RT: 8.466 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 78 Resp: 778930
Ion Ratio Lower Upper
78 100
77 23.7 18.4 27.6

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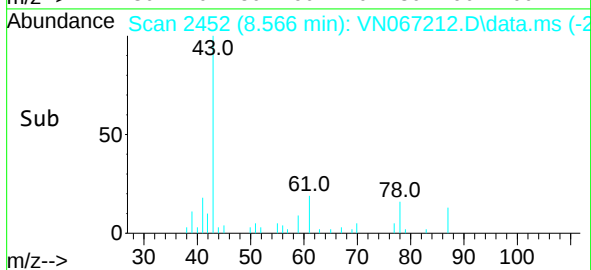
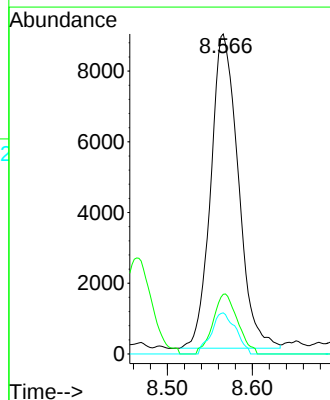
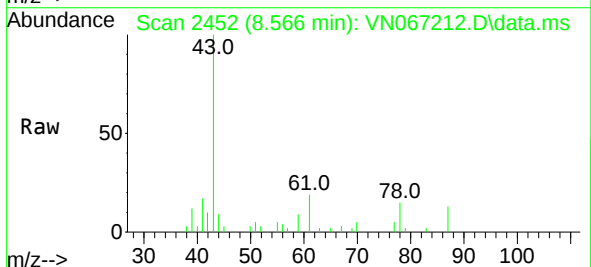
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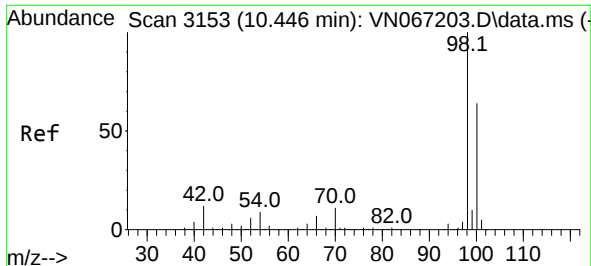
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#43
Isopropyl Acetate
Concen: 4.888 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 43 Resp: 19947
Ion Ratio Lower Upper
43 100
61 17.1 23.4 35.0#
87 11.6 12.2 18.2#





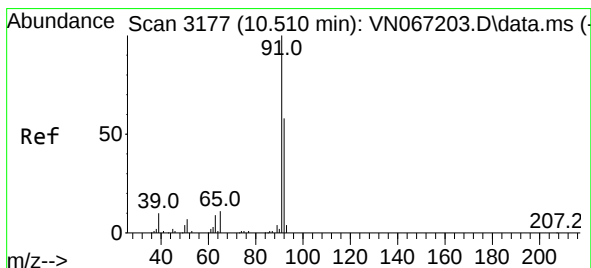
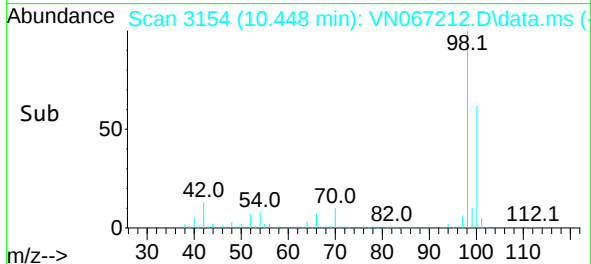
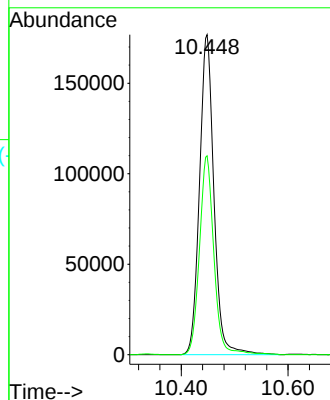
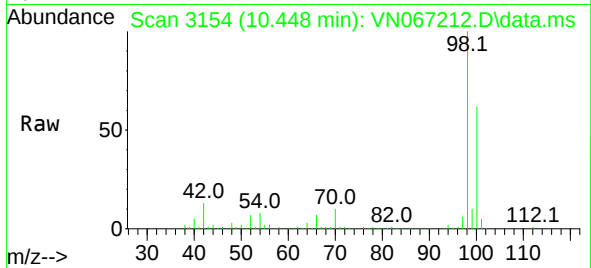
#50
Toluene-d8
Concen: 54.618 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 98 Resp: 332396
Ion Ratio Lower Upper
98 100
100 62.0 51.8 77.8

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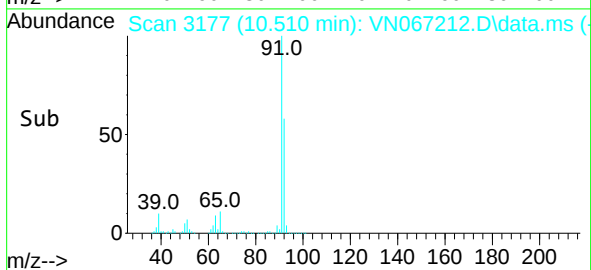
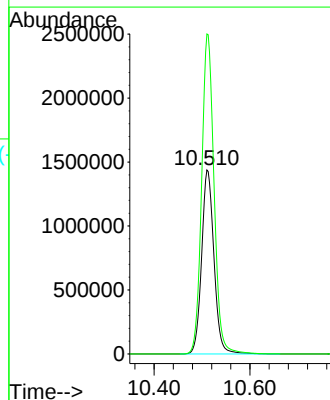
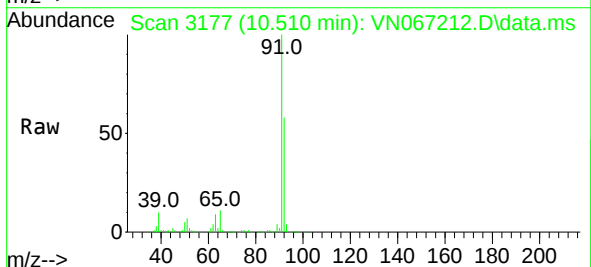
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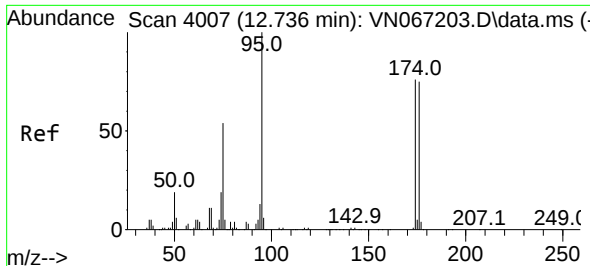
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#52
Toluene
Concen: 565.180 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 92 Resp: 2575102
Ion Ratio Lower Upper
92 100
91 175.0 138.7 208.1





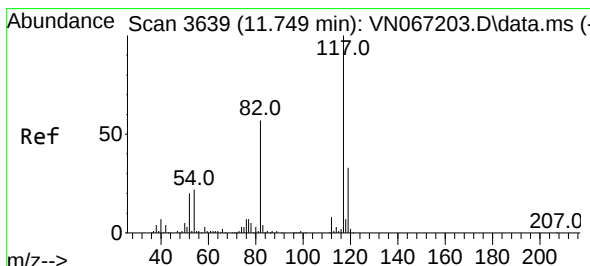
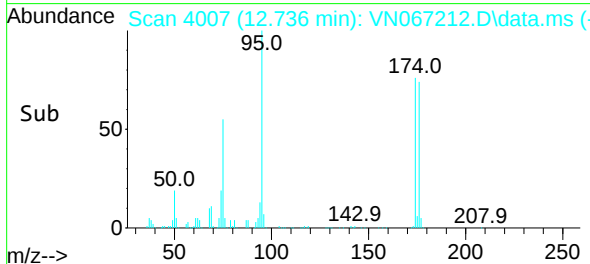
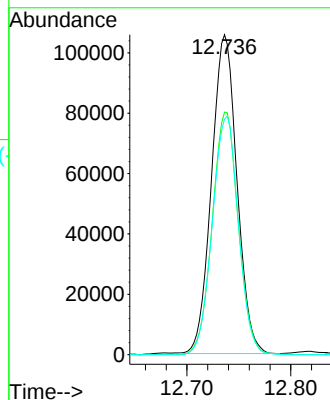
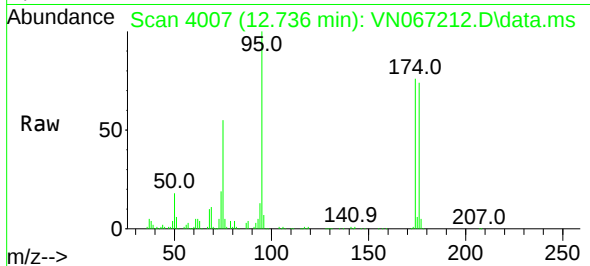
#62
4-Bromofluorobenzene
Concen: 76.707 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 95 Resp: 179793
Ion Ratio Lower Upper
95 100
174 77.9 0.0 182.8
176 76.6 0.0 176.6

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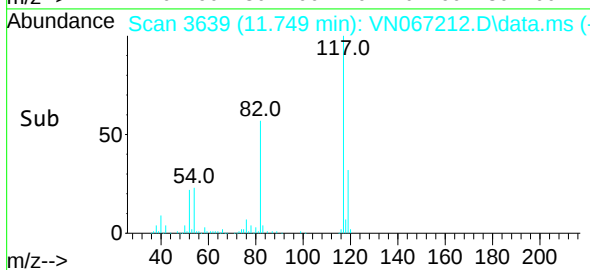
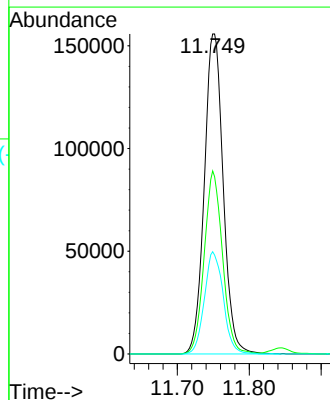
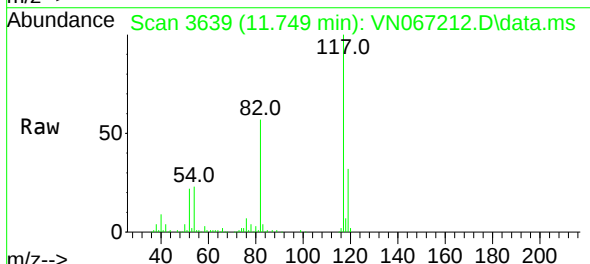
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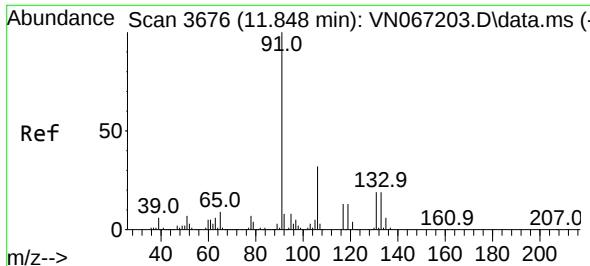
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

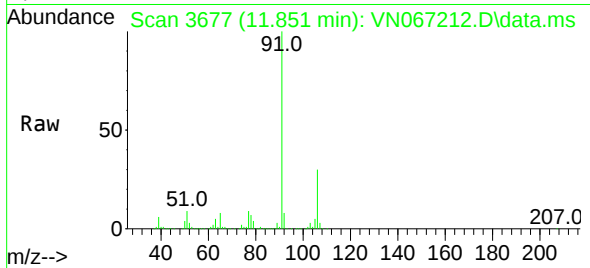
Tgt Ion: 117 Resp: 284869
Ion Ratio Lower Upper
117 100
82 57.2 42.2 63.2
119 32.0 25.8 38.6





#67
Ethyl Benzene
Concen: 62.682 ug/l
RT: 11.851 min Scan# 3677
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

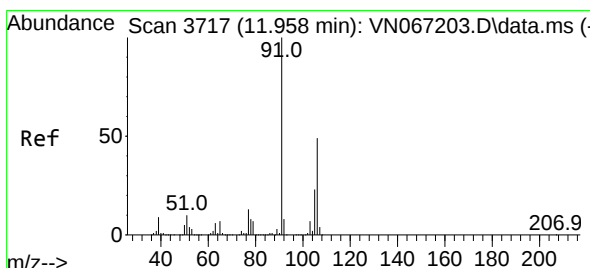
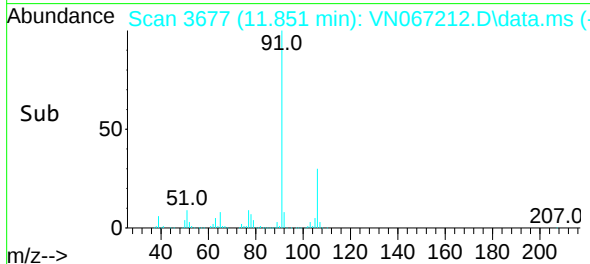
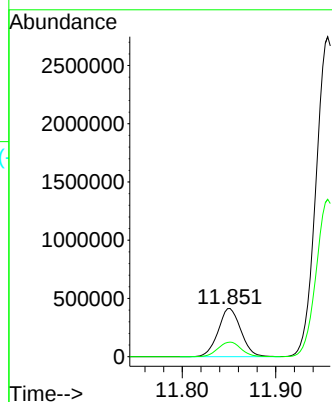
Instrument :
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Tgt Ion: 91 Resp: 700290
Ion Ratio Lower Upper
91 100
106 30.3 26.2 39.2

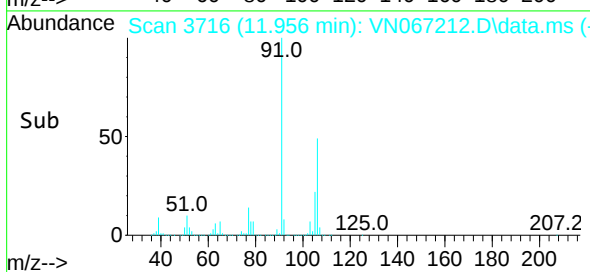
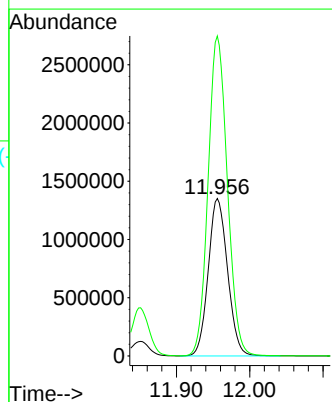
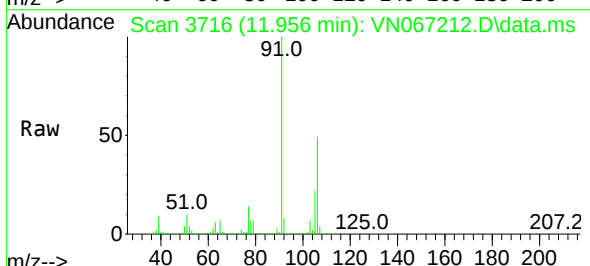
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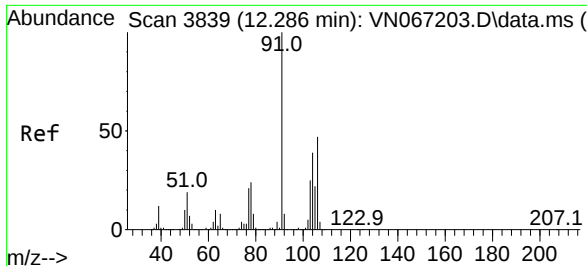
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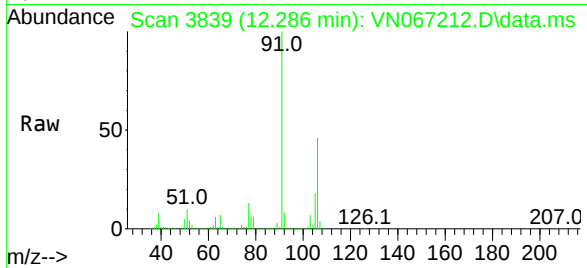
#68
m/p-Xylenes
Concen: 563.869 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.002 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

Tgt Ion: 106 Resp: 2472529
Ion Ratio Lower Upper
106 100
91 203.1 155.2 232.8

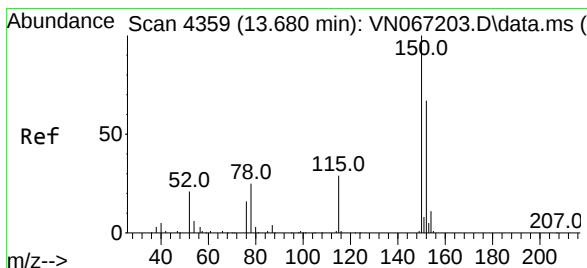
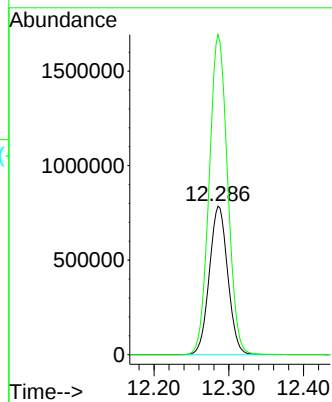
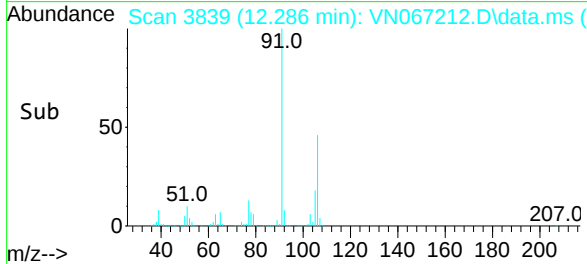




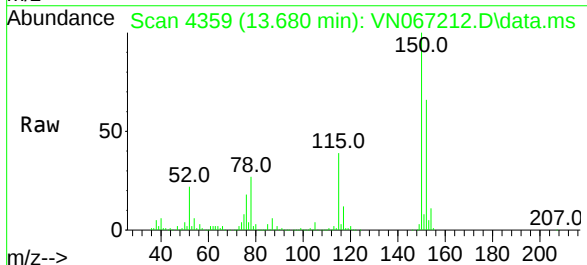
#69
o-Xylene
Concen: 313.676 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00



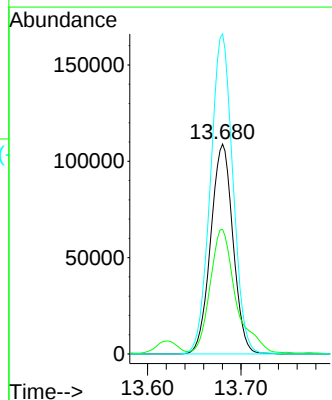
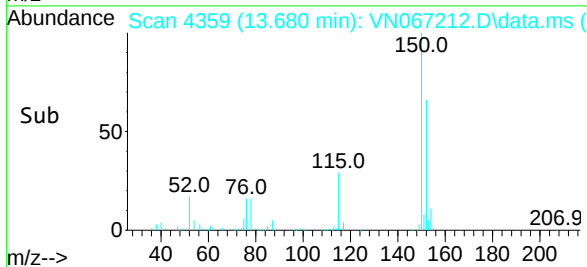
Tgt Ion:106 Resp: 1344241
Ion Ratio Lower Upper
106 100
91 215.9 102.3 306.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00



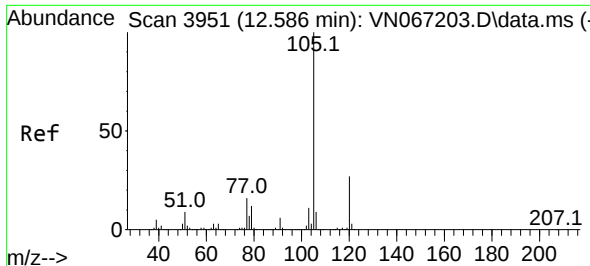
Tgt Ion:152 Resp: 180320
Ion Ratio Lower Upper
152 100
115 67.5 27.0 80.8
150 154.1 0.0 350.2



Instrument :
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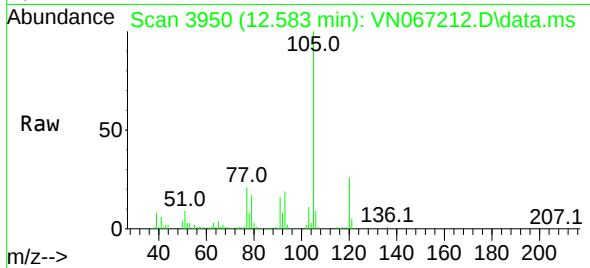
Manual Integrations
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#73
Isopropylbenzene
Concen: 7.869 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

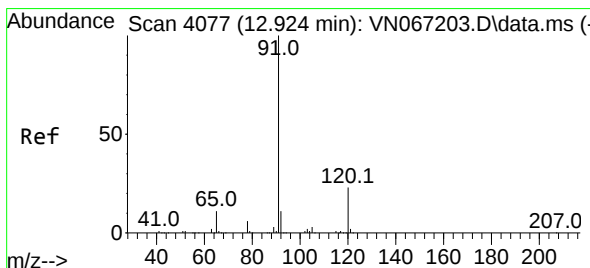
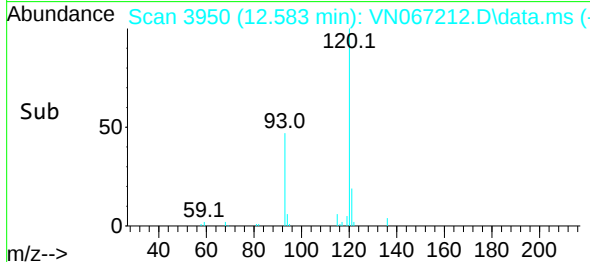
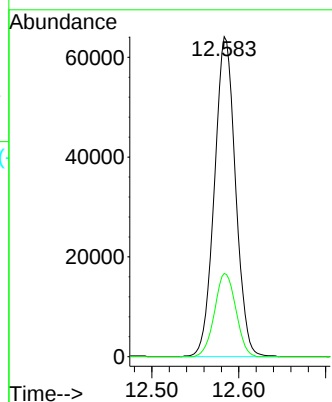
Instrument :
MSVOA_N
ClientSampleId :
FOUNDATION-EXCAVATION-SAMP



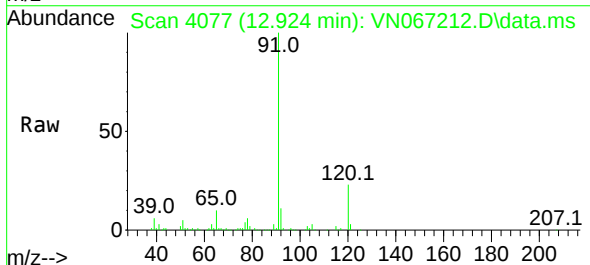
Tgt Ion:105 Resp: 107971
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.0

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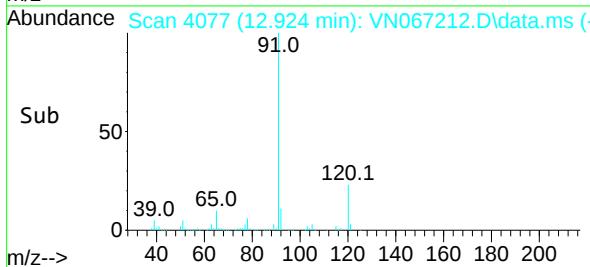
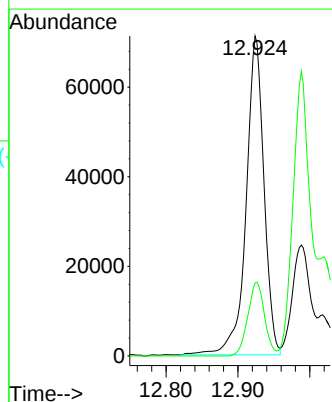
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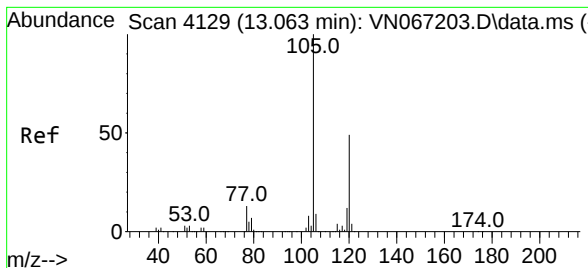


#78
n-propylbenzene
Concen: 7.675 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

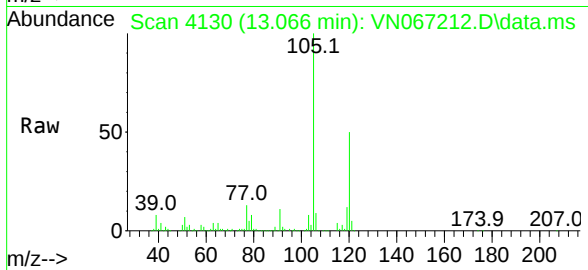


Tgt Ion: 91 Resp: 122705
Ion Ratio Lower Upper
91 100
120 21.7 12.7 38.0

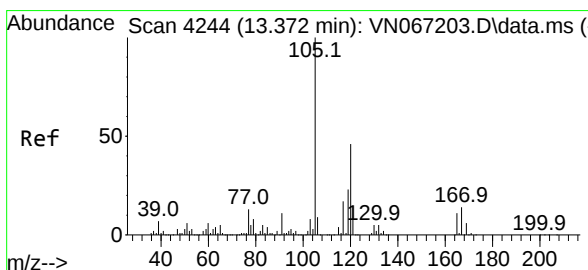
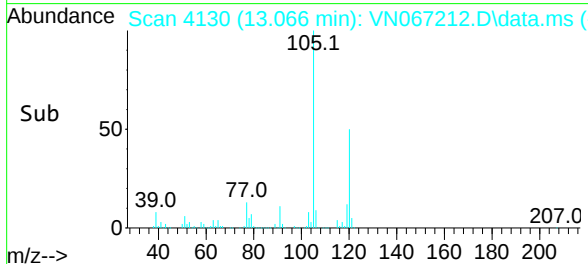
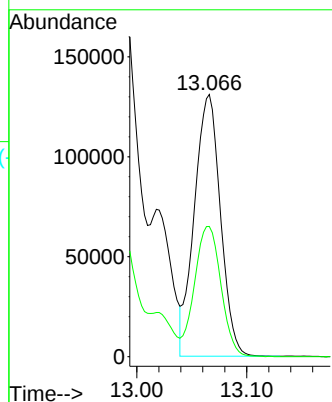




#80
1,3,5-Trimethylbenzene
Concen: 18.141 ug/l
RT: 13.066 min Scan# 4130
Delta R.T. 0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

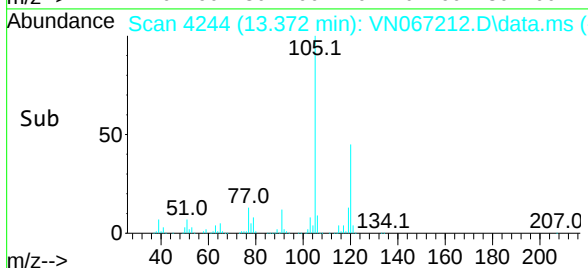
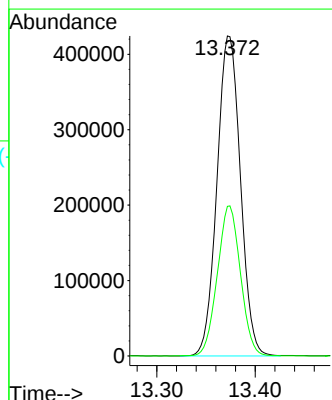
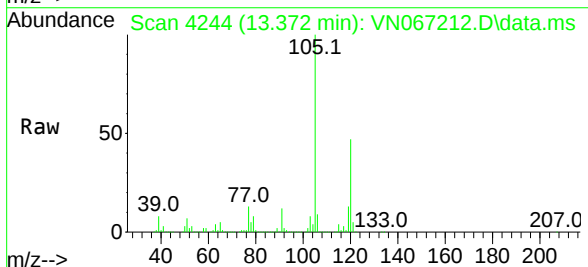


Tgt Ion:105 Resp: 215524
Ion Ratio Lower Upper
105 100
120 50.6 25.0 75.0



#84
1,2,4-Trimethylbenzene
Concen: 59.642 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

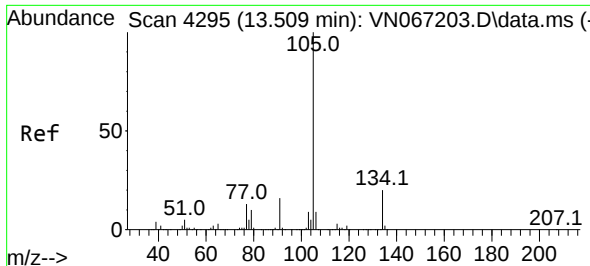
Tgt Ion:105 Resp: 704739
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.2



Instrument :
MSVOA_N
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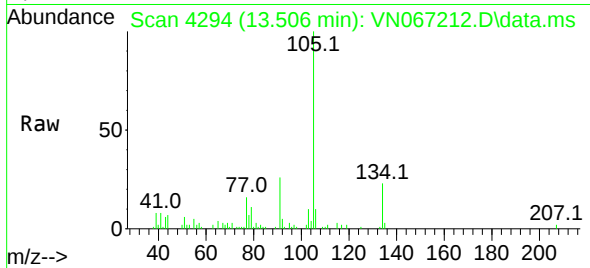
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#85
 sec-Butylbenzene
 Concen: 1.967 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. -0.003 min
 Lab File: VN067212.D
 Acq: 4 Jun 2021 22:00

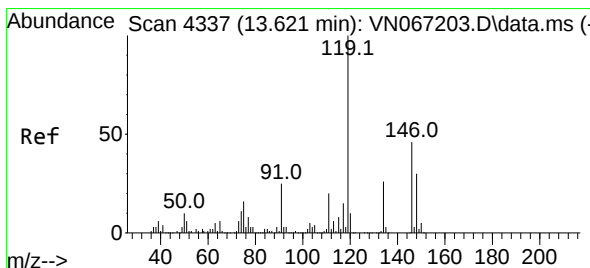
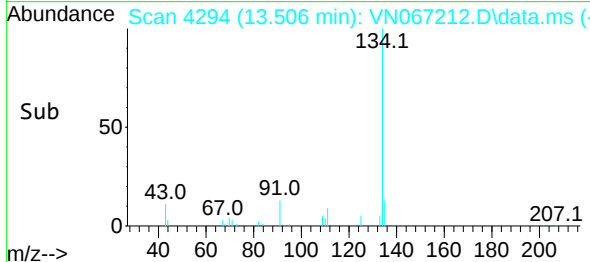
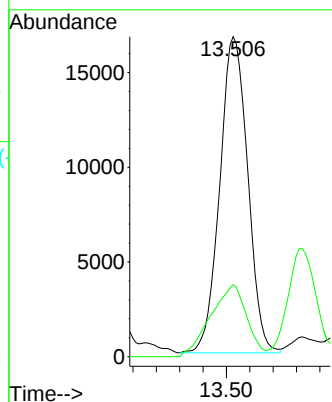
Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:105 Resp: 27757
 Ion Ratio Lower Upper
 105 100
 134 29.4 10.5 31.5

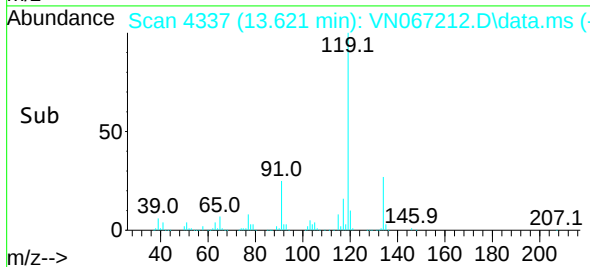
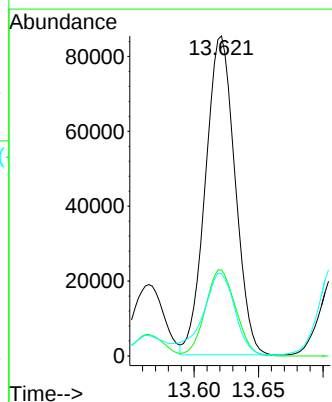
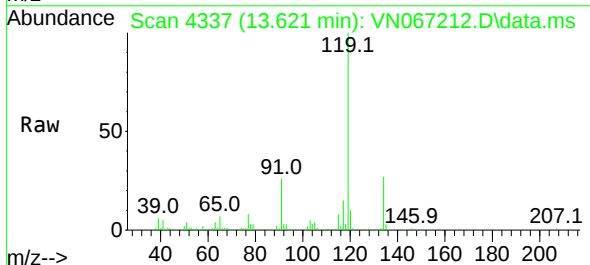
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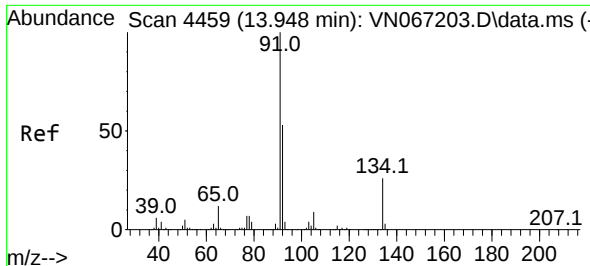
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#86
 p-Isopropyltoluene
 Concen: 10.873 ug/l
 RT: 13.621 min Scan# 4337
 Delta R.T. -0.000 min
 Lab File: VN067212.D
 Acq: 4 Jun 2021 22:00

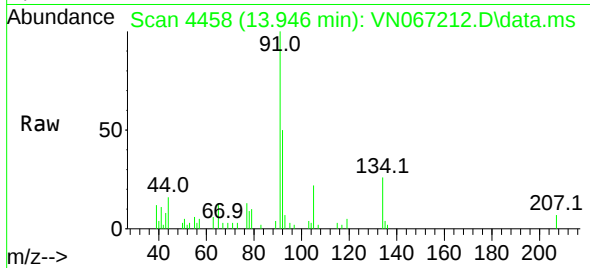
Tgt Ion:119 Resp: 135852
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.9
 91 27.4 10.7 32.1





#89
n-Butylbenzene
Concen: 1.094 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.003 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00

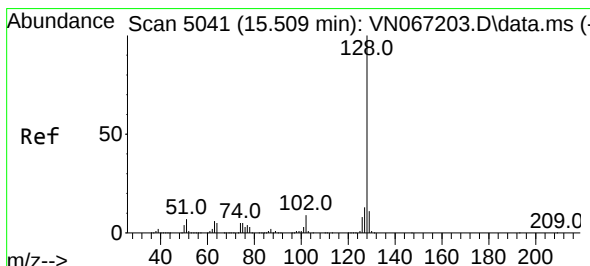
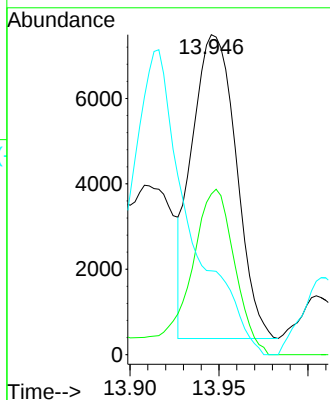
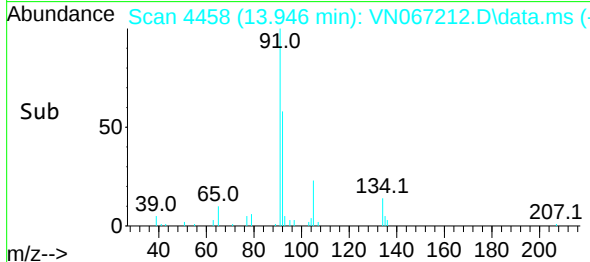
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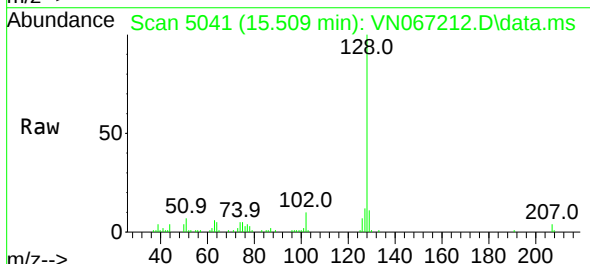
Tgt Ion: 91 Resp: 12304
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.5
134 0.0 14.3 42.9#

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#95
Naphthalene
Concen: 10.256 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067212.D
Acq: 4 Jun 2021 22:00



Tgt Ion: 128 Resp: 51287
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.4 8.6 13.0

