

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067694.D
 Acq On : 9 Jul 2021 18:42
 Operator : JC/MD
 Sample : M2992-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33287

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:44:55 PM

Quant Time: Jul 10 05:26:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	394591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	719777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	654814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	345620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	306880	51.460	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.920%			
35) Dibromofluoromethane	8.024	113	223356	51.361	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.720%			
50) Toluene-d8	10.443	98	902627	49.588	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.180%			
62) 4-Bromofluorobenzene	12.734	95	311769	48.485	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.980%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.390	59	190790	222.638	ug/l	99
16) Acetone	4.288	43	1053773	561.574	ug/l	96
18) Methyl Acetate	4.865	43	6870	1.303	ug/l	98
25) 2-Butanone	7.324	43	37529661m	12044.428	ug/l	
29) Tetrahydrofuran	7.691	42	125075	61.039	ug/l	90
40) Benzene	8.461	78	37008	1.849	ug/l	97
70) Styrene	12.296	104	642583	44.122	ug/l #	85
95) Naphthalene	15.507	128	19087	4.072	ug/l	98

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

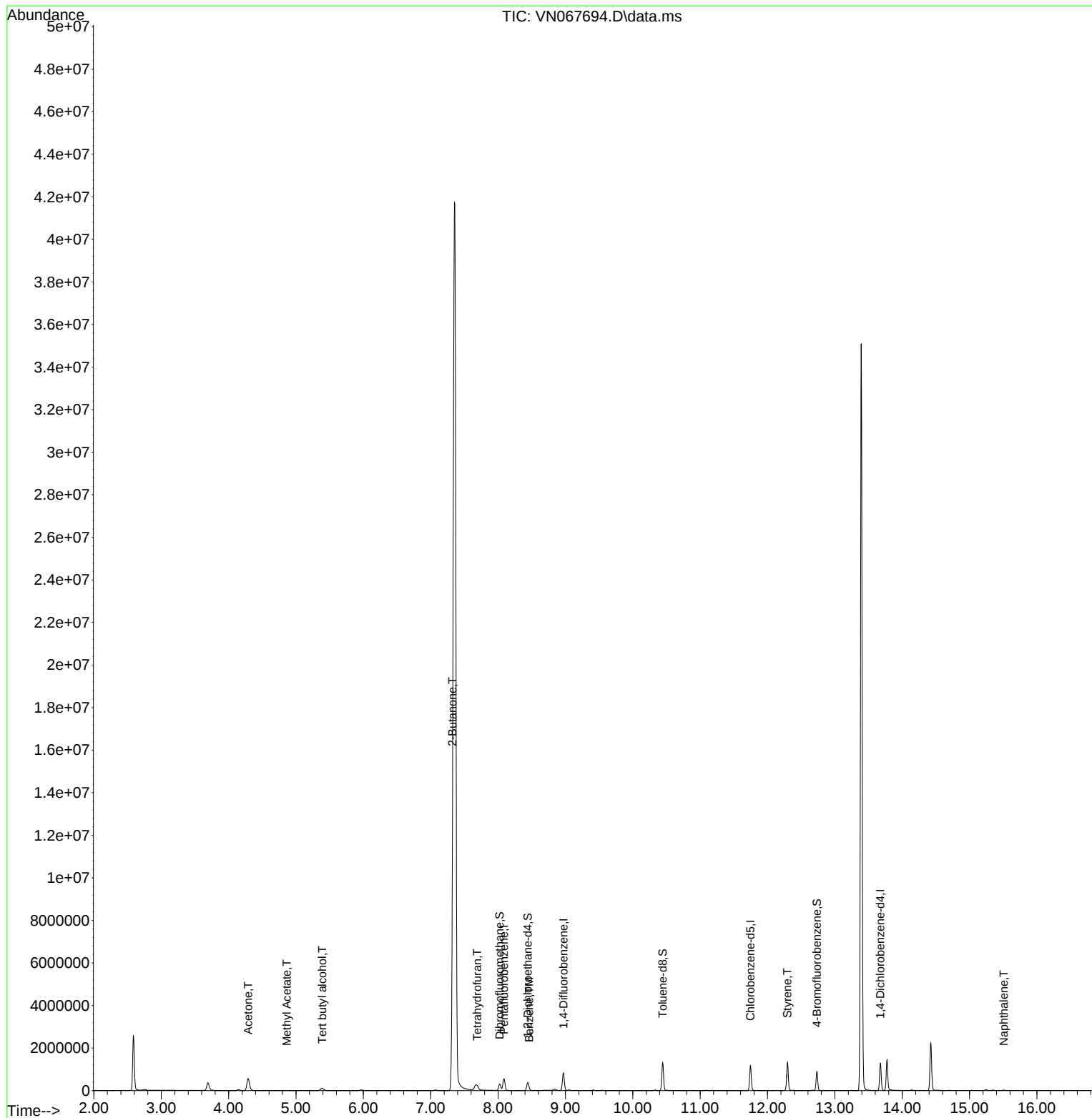
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Data File : VN067694.D
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Operator : JC/MD
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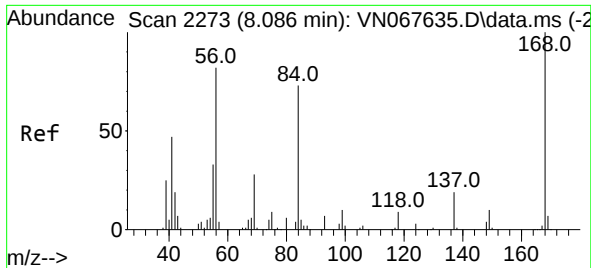
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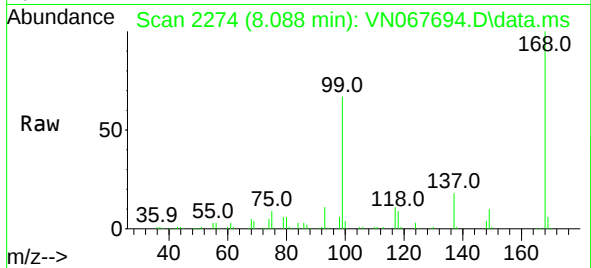
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Quant Time: Jul 10 05:26:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

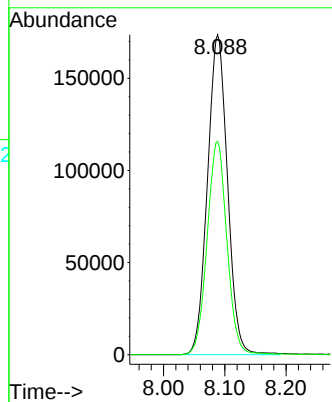
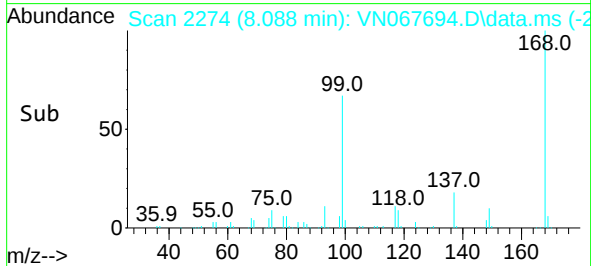




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



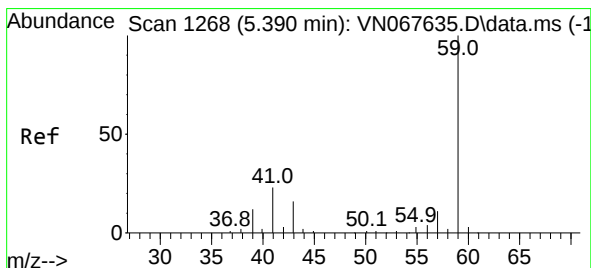
Tgt Ion:168 Resp: 394591
Ion Ratio Lower Upper
168 100
99 66.7 62.9 94.3



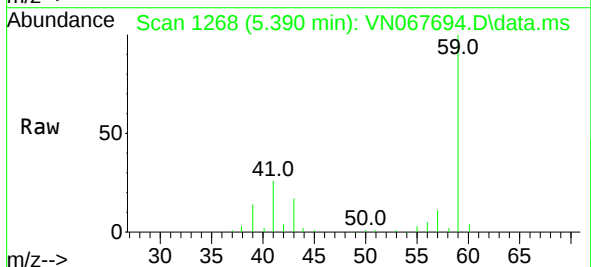
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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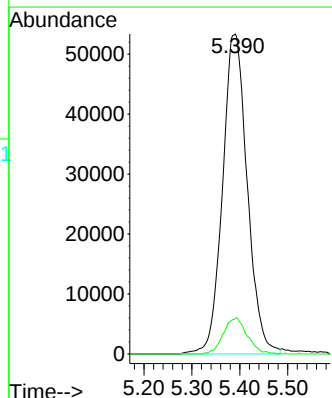
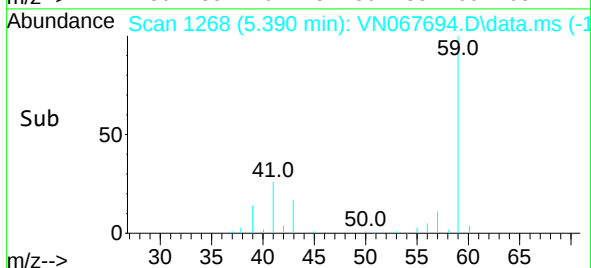
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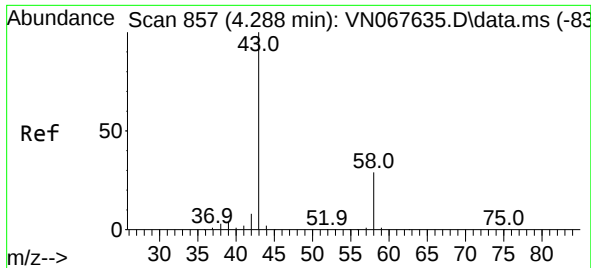


#11
Tert butyl alcohol
Concen: 222.638 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



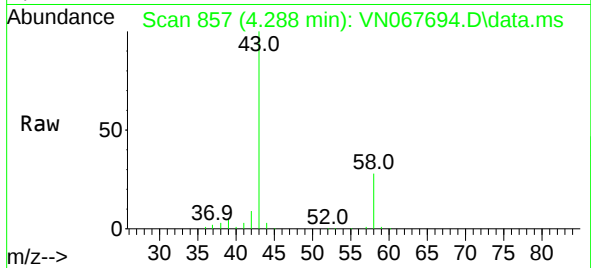
Tgt Ion: 59 Resp: 190790
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1





#16
Acetone
Concen: 561.574 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42

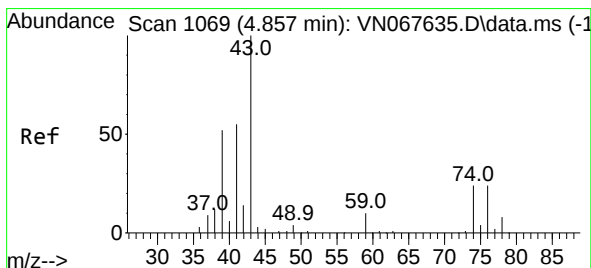
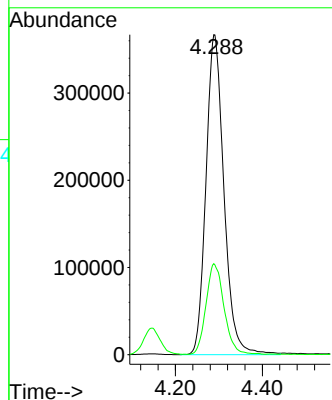
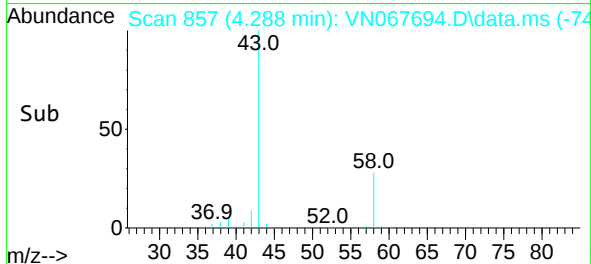
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MSVOA_N
ClientSampled :
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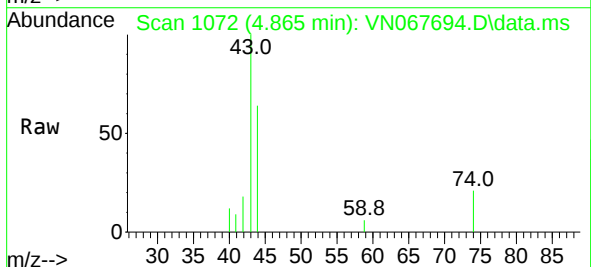
Tgt Ion: 43 Resp: 1053773
Ion Ratio Lower Upper
43 100
58 28.3 21.2 31.8

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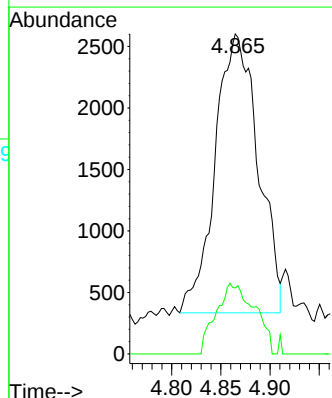
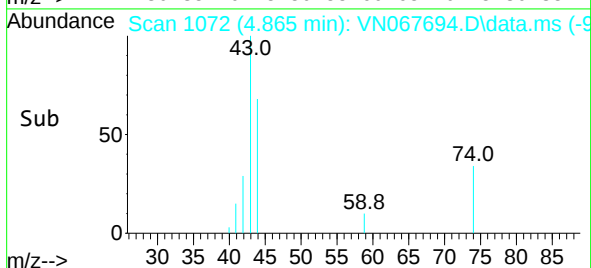
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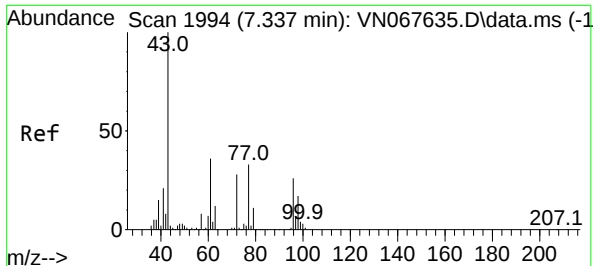


#18
Methyl Acetate
Concen: 1.303 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



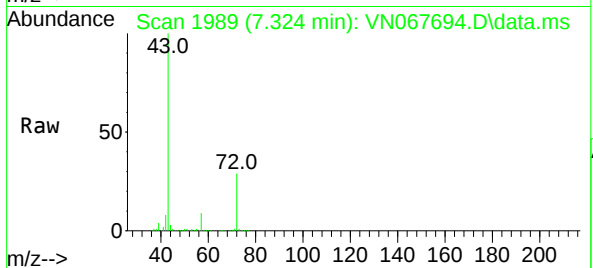
Tgt Ion: 43 Resp: 6870
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0





#25
2-Butanone
Concen: 12044.428 ug/l m
RT: 7.324 min Scan# 1989
Delta R.T. -0.013 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42

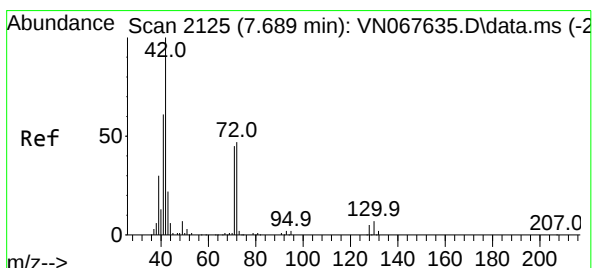
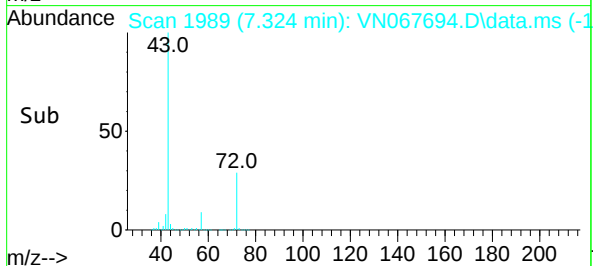
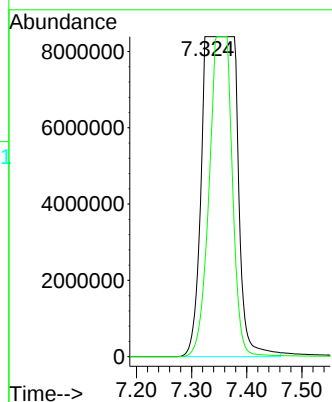
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ClientSampled :
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Tgt Ion: 43 Resp: 37529661
Ion Ratio Lower Upper
43 100
72 28.9 19.7 29.5

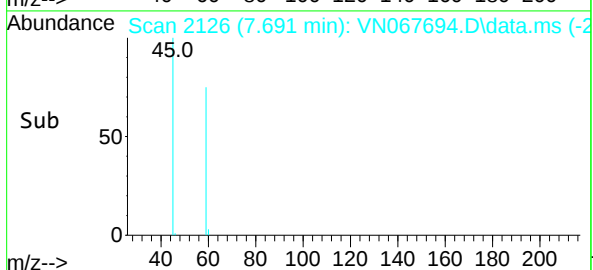
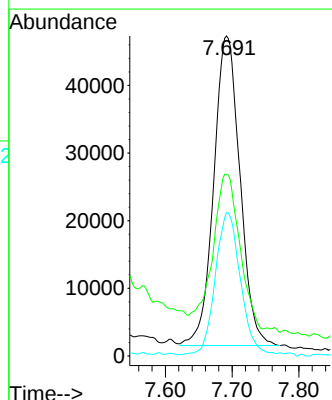
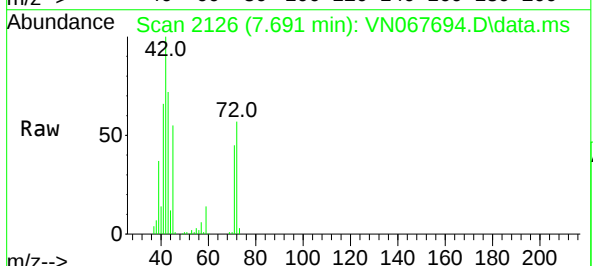
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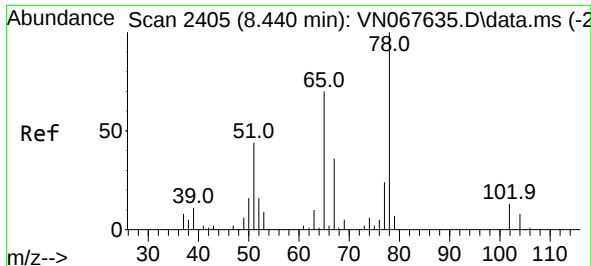
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#29
Tetrahydrofuran
Concen: 61.039 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.002 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42

Tgt Ion: 42 Resp: 125075
Ion Ratio Lower Upper
42 100
72 48.9 32.8 49.2
71 43.6 31.2 46.8





#33

1,2-Dichloroethane-d4

Concen: 51.460 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN067694.D

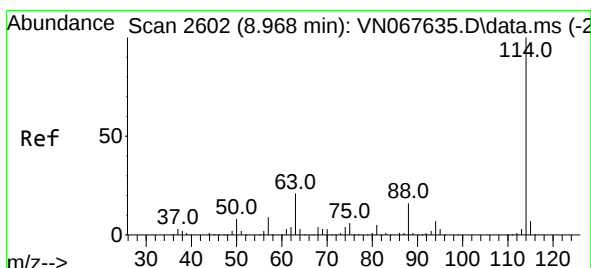
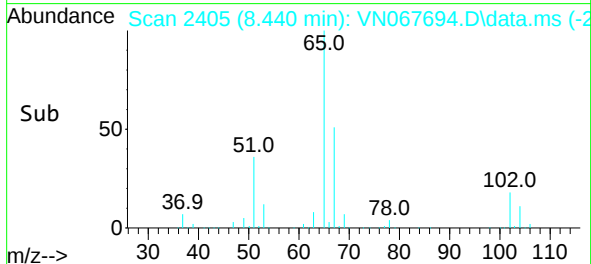
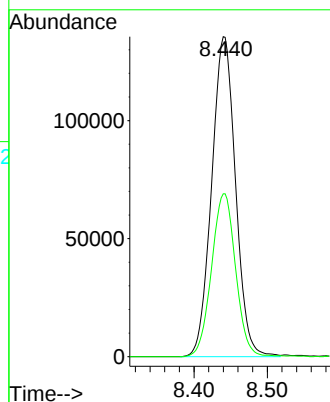
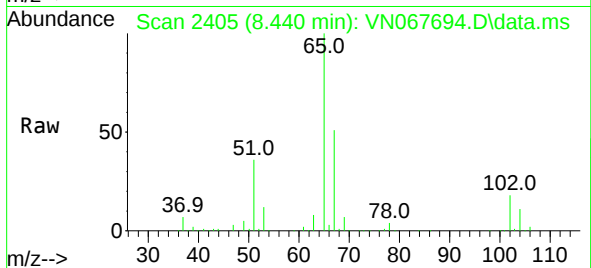
Acq: 9 Jul 2021 18:42

Tgt Ion: 65 Resp: 306880

Ion Ratio Lower Upper

65 100

67 51.3 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN067694.D

Acq: 9 Jul 2021 18:42

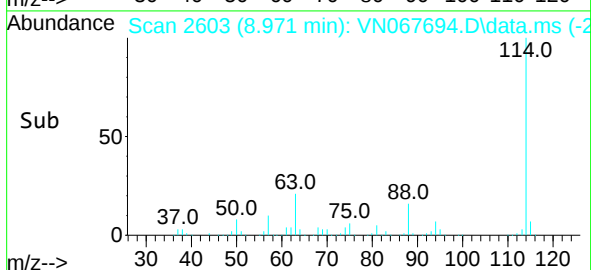
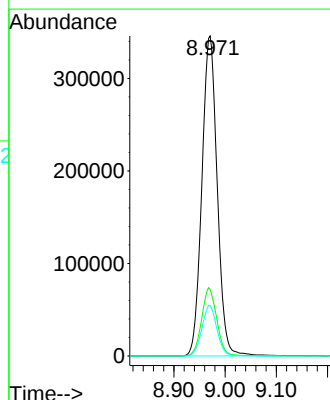
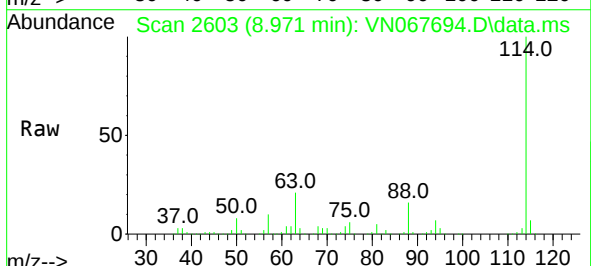
Tgt Ion: 114 Resp: 719777

Ion Ratio Lower Upper

114 100

63 20.7 0.0 49.0

88 15.8 0.0 36.6



Instrument :

MSVOA_N

ClientSampled :

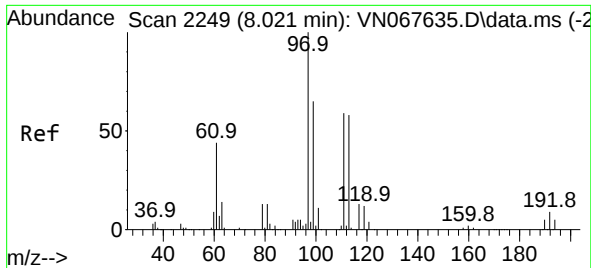
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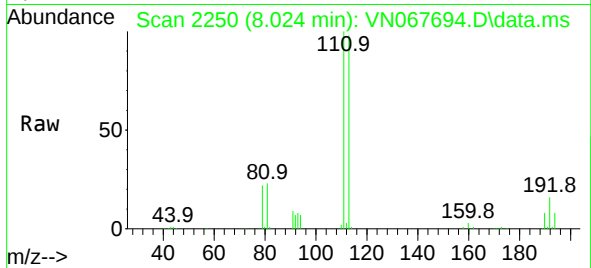
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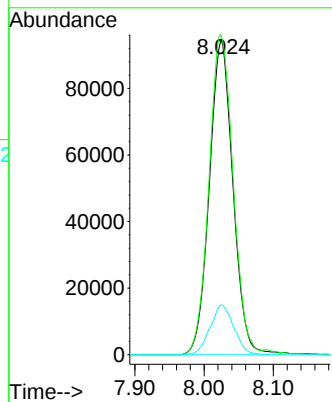
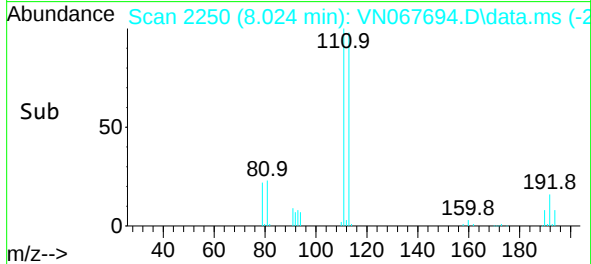
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#35
Dibromofluoromethane
Concen: 51.361 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



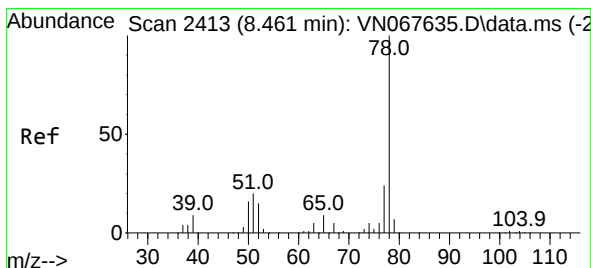
Tgt Ion: 113 Resp: 223356
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.8
192 16.0 13.4 20.0



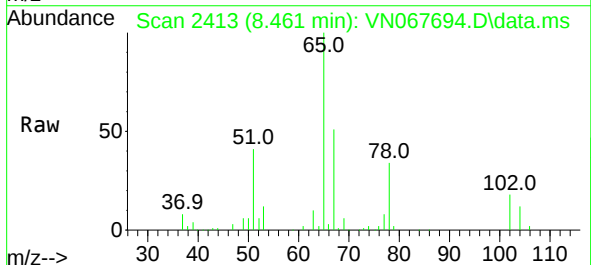
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ClientSampled :
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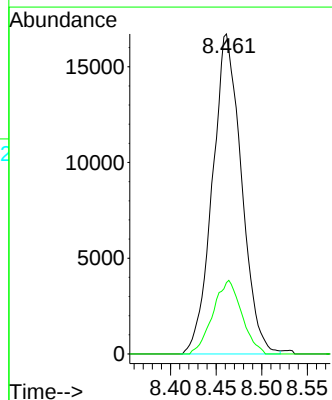
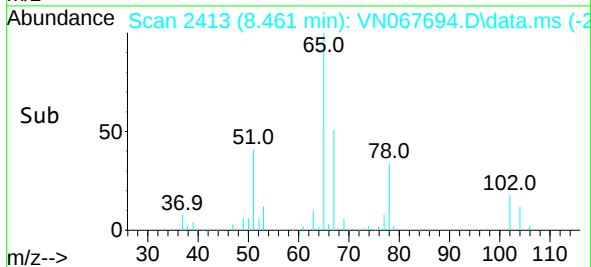
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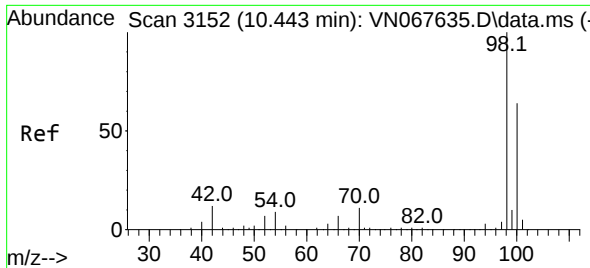


#40
Benzene
Concen: 1.849 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



Tgt Ion: 78 Resp: 37008
Ion Ratio Lower Upper
78 100
77 22.3 18.9 28.3





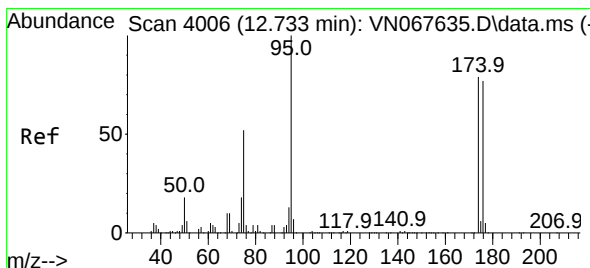
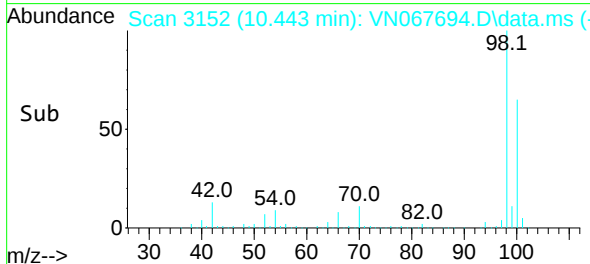
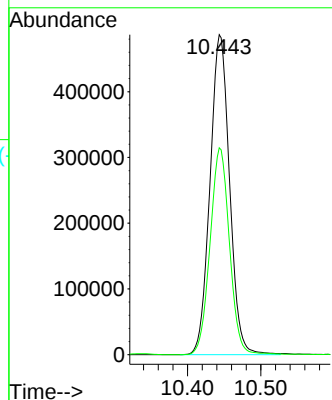
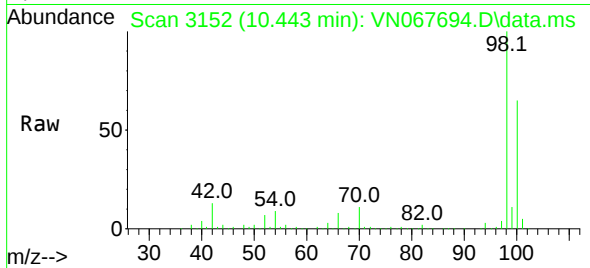
#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42

Tgt Ion: 98 Resp: 902627
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

Instrument :
MSVOA_N
ClientSampled :
33287

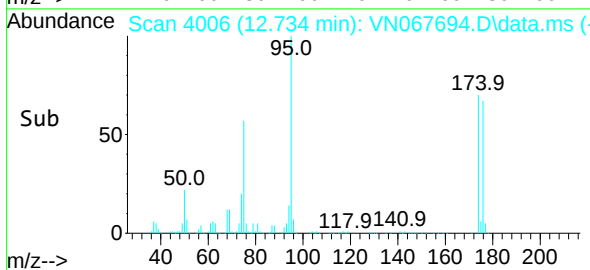
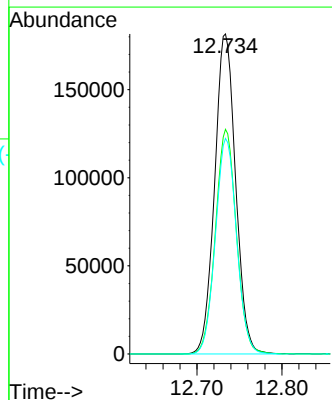
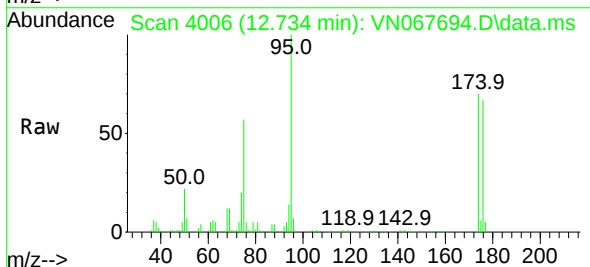
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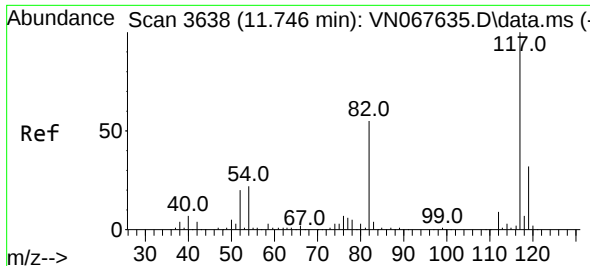
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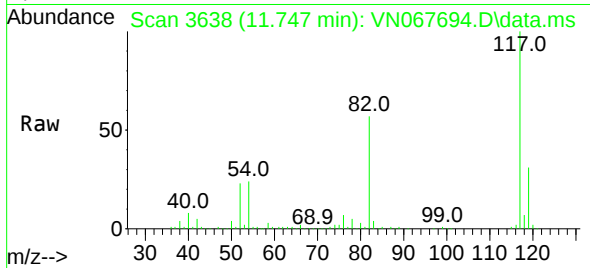
#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42

Tgt Ion: 95 Resp: 311769
Ion Ratio Lower Upper
95 100
174 70.3 0.0 122.0
176 67.7 0.0 117.6

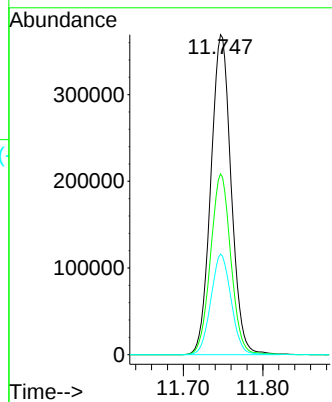
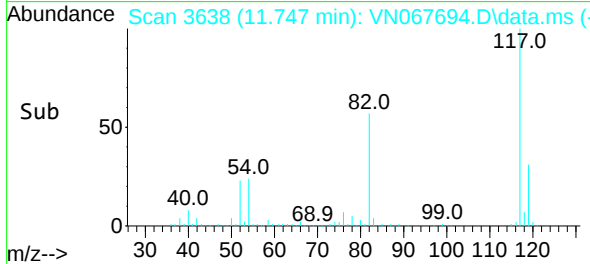




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



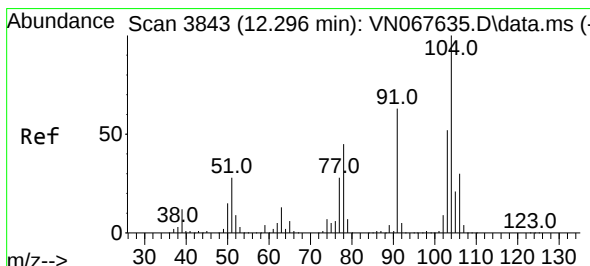
Tgt Ion:117 Resp: 654814
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 31.5 25.5 38.3



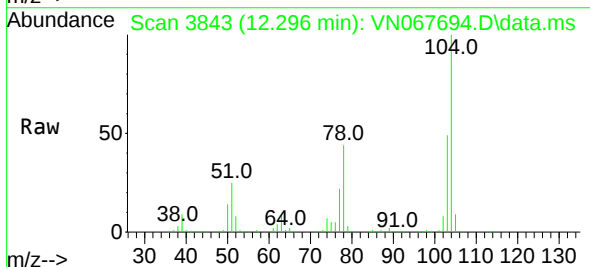
Instrument :
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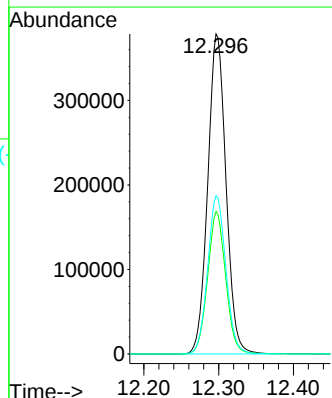
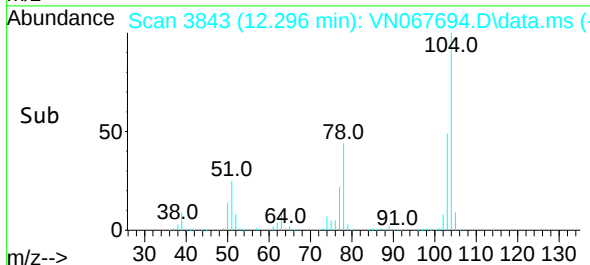
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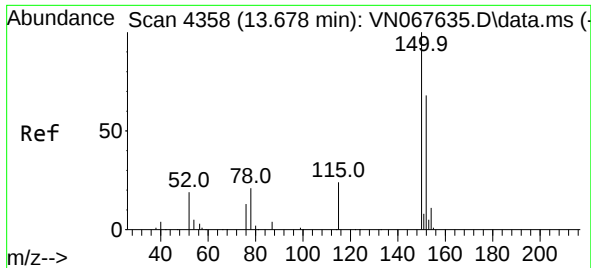


#70
Styrene
Concen: 44.122 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42

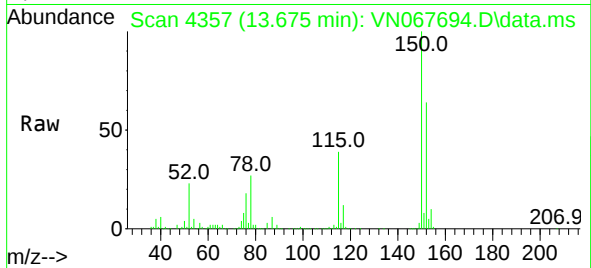


Tgt Ion:104 Resp: 642583
Ion Ratio Lower Upper
104 100
78 44.1 48.2 72.2#
103 49.5 44.5 66.7

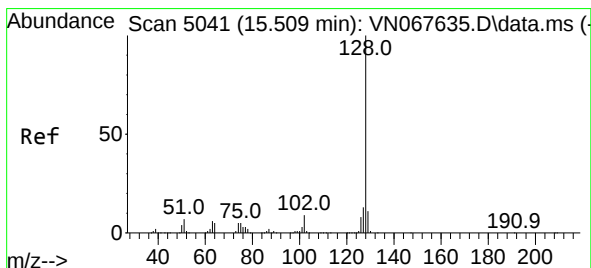
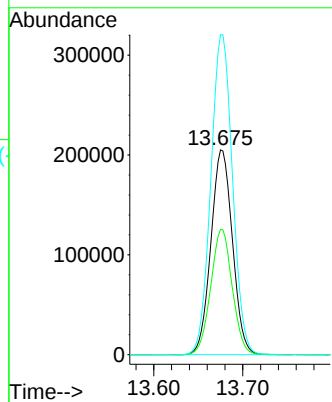
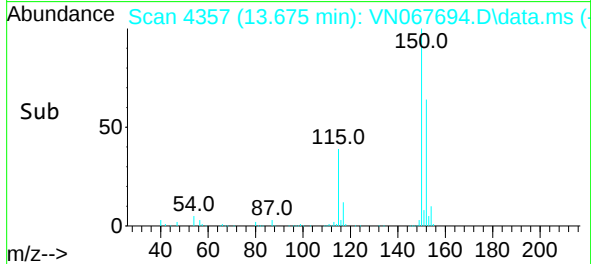




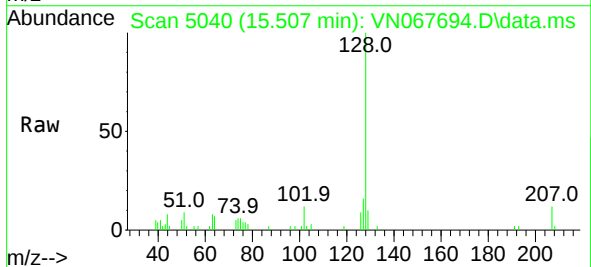
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



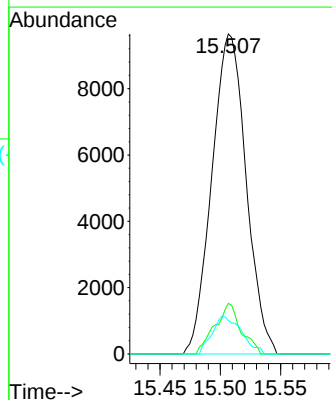
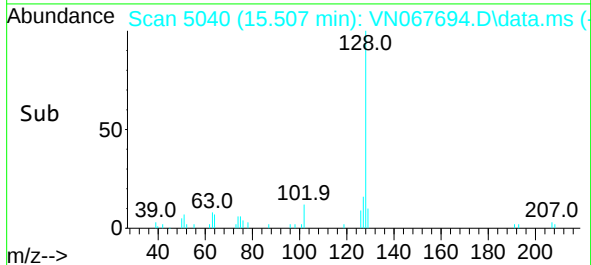
Tgt Ion:152 Resp: 345620
Ion Ratio Lower Upper
152 100
115 60.9 36.1 108.5
150 157.1 0.0 351.8



#95
Naphthalene
Concen: 4.072 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN067694.D
Acq: 9 Jul 2021 18:42



Tgt Ion:128 Resp: 19087
Ion Ratio Lower Upper
128 100
127 12.0 10.6 15.8
129 10.1 8.6 12.8



Instrument :
MSVOA_N
ClientSampled :
33287

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:44:55 PM