

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067076.D
 Acq On : 10 May 2021 16:55
 Operator : JC/MD
 Sample : M2323-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AST2-COPR2-1-6

Manual Integrations
 APPROVED

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 5/11/2021 10:37:20 AM

Quant Time: May 11 01:48:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	338180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	566138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	527296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	170762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	295127	55.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.88%			
35) Dibromofluoromethane	7.506	113	211813	55.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.20%			
50) Toluene-d8	10.027	98	803103	54.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.72%			
62) 4-Bromofluorobenzene	12.347	95	227784	45.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.90%			
Target Compounds						Qvalue
16) Acetone	3.743	43	47890	25.57	ug/l	98
18) Methyl Acetate	4.250	43	6362m	1.19	ug/l	
20) Methylene Chloride	4.457	84	31932	6.72	ug/l	91
43) Isopropyl Acetate	8.091	43	36386	3.73	ug/l #	86

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

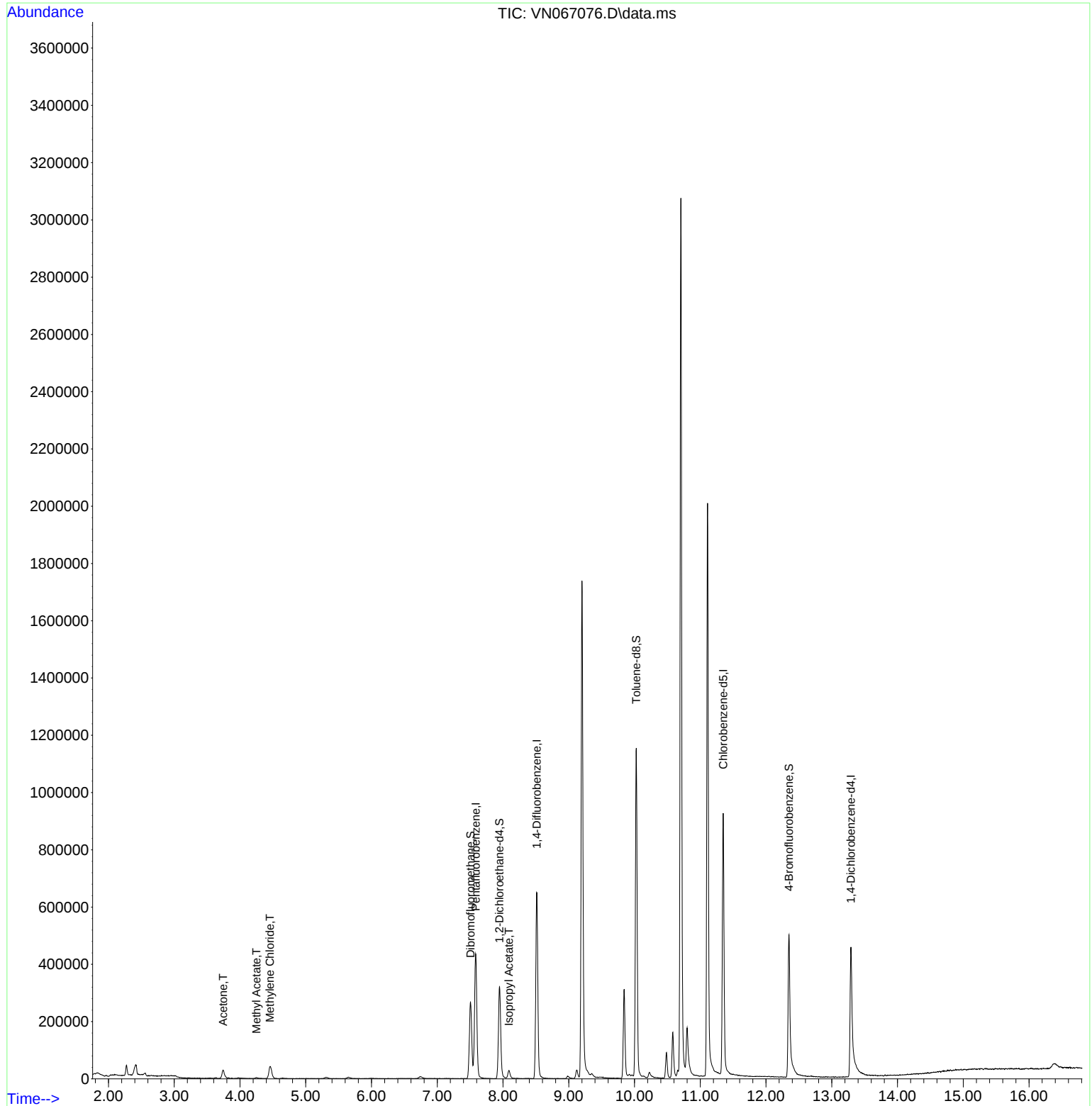
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Data File : VN067076.D
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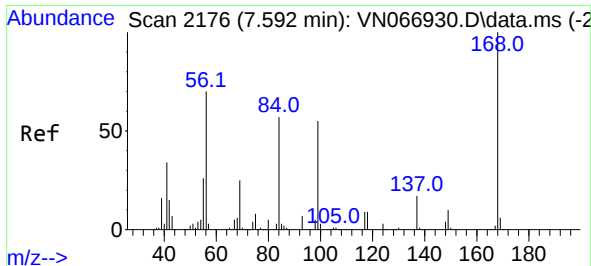
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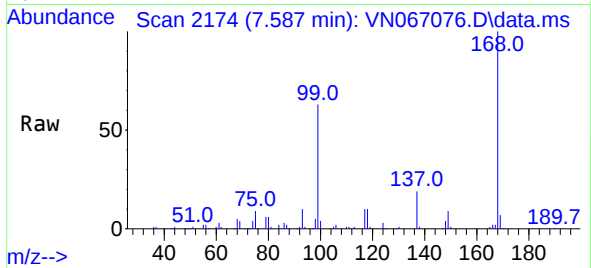
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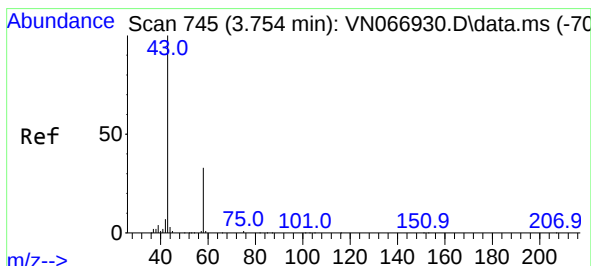
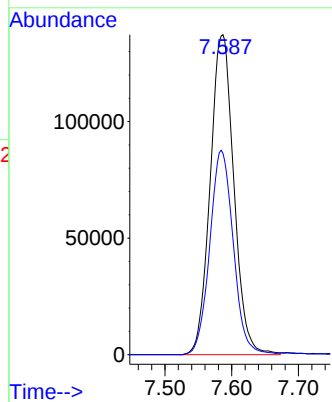
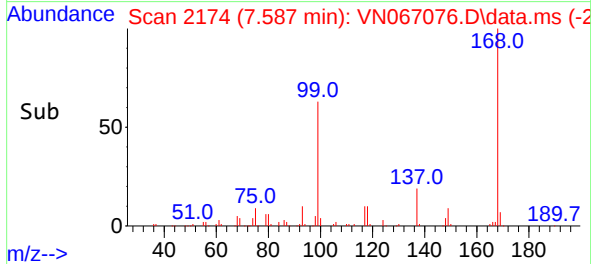




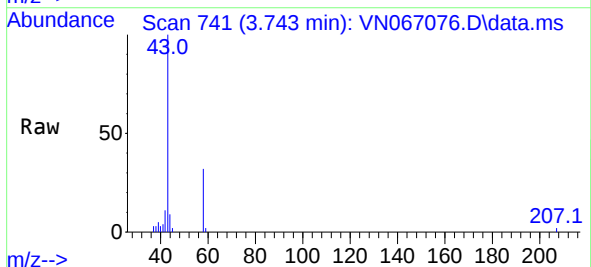
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. -0.005 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



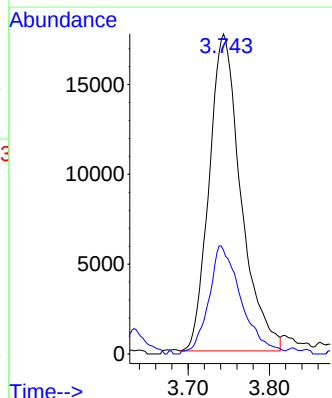
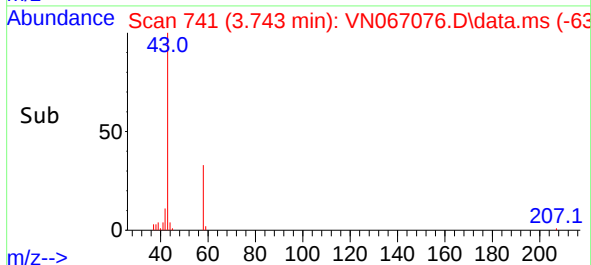
Tgt Ion: 168 Resp: 338180
Ion Ratio Lower Upper
168 100
99 62.9 42.6 63.8



#16
Acetone
Concen: 25.57 ug/l
RT: 3.743 min Scan# 741
Delta R.T. -0.011 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



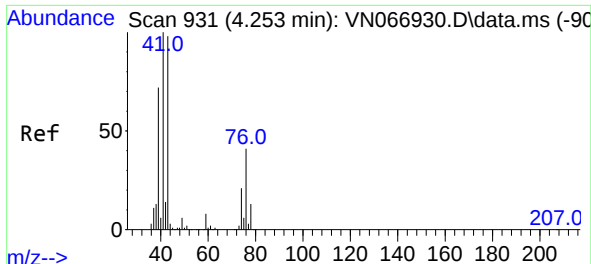
Tgt Ion: 43 Resp: 47890
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.6



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#18

Methyl Acetate

Concen: 1.19 ug/l m

RT: 4.250 min Scan# 930

Delta R.T. -0.003 min

Lab File: VN067076.D

Acq: 10 May 2021 16:55

Tgt Ion: 43 Resp: 6362

Ion Ratio Lower Upper

43 100

74 15.9 19.5 29.3#

Instrument :

MSVOA_N

ClientSampleId :

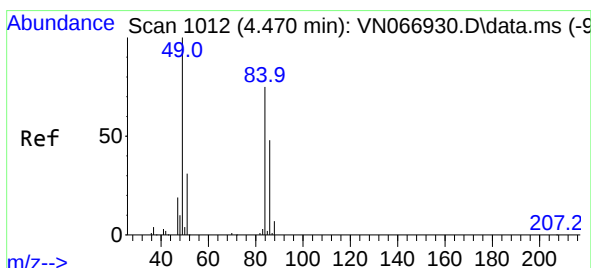
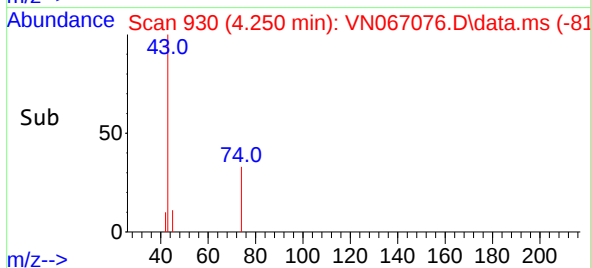
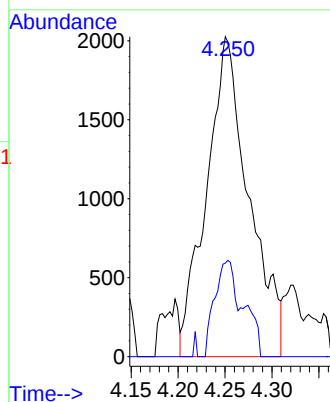
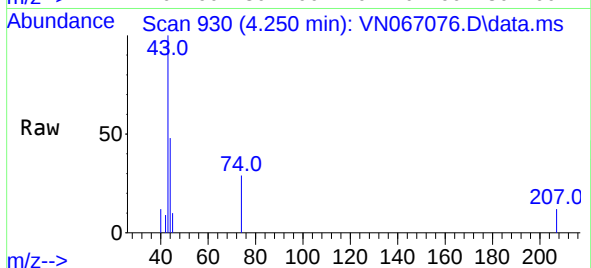
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#20

Methylene Chloride

Concen: 6.72 ug/l

RT: 4.457 min Scan# 1007

Delta R.T. -0.013 min

Lab File: VN067076.D

Acq: 10 May 2021 16:55

Tgt Ion: 84 Resp: 31932

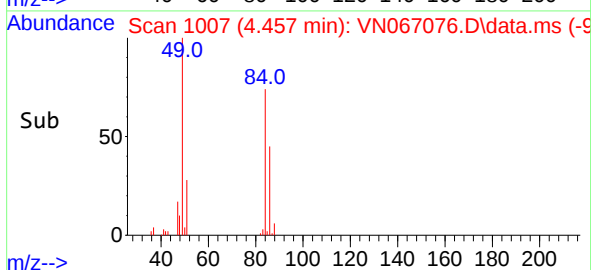
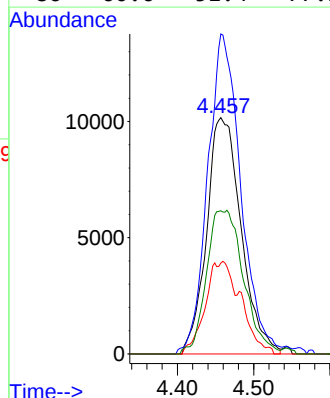
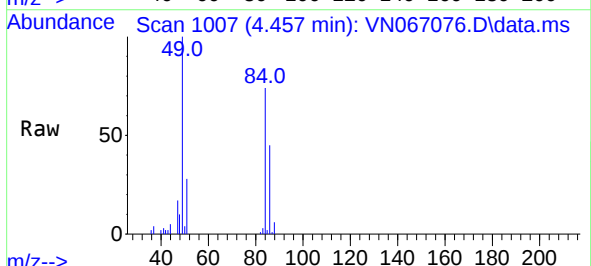
Ion Ratio Lower Upper

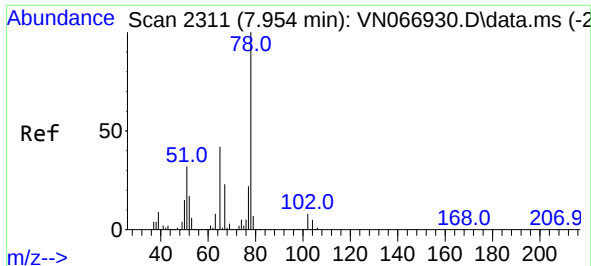
84 100

49 133.0 94.6 141.8

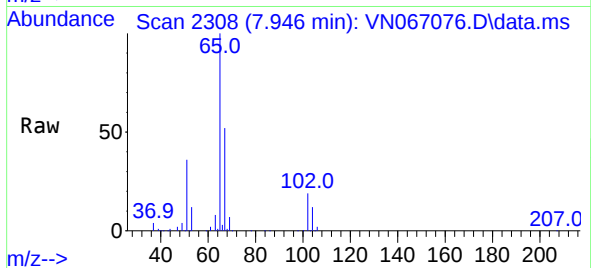
51 38.4 29.9 44.9

86 60.6 51.4 77.2

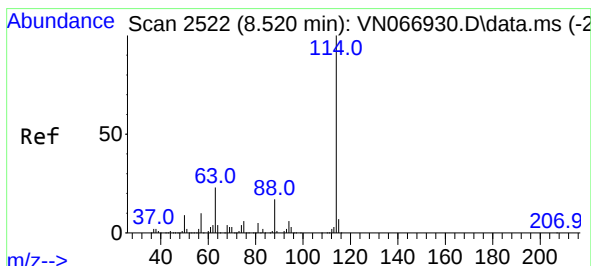
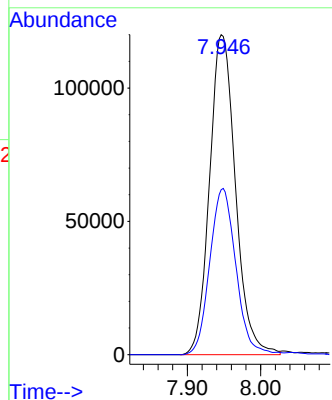
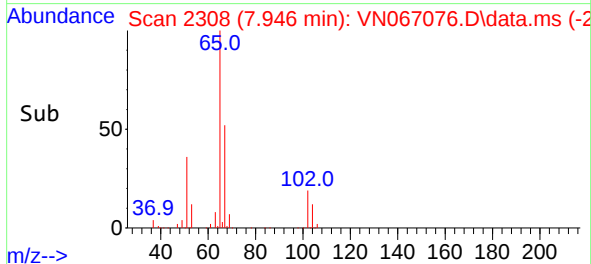




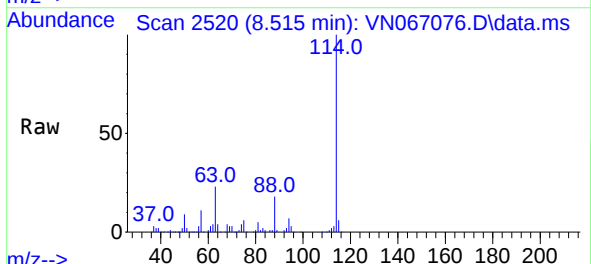
#33
1,2-Dichloroethane-d4
Concen: 55.44 ug/l
RT: 7.946 min Scan# 2308
Delta R.T. -0.008 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



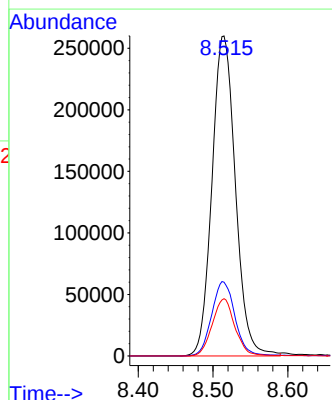
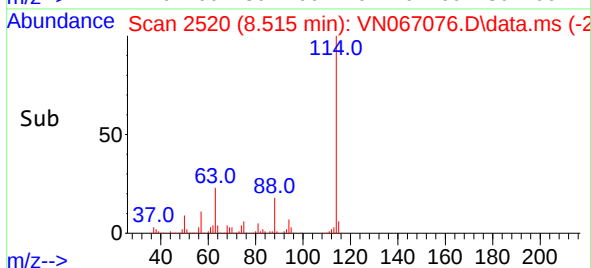
Tgt Ion: 65 Resp: 295127
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2520
Delta R.T. -0.005 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



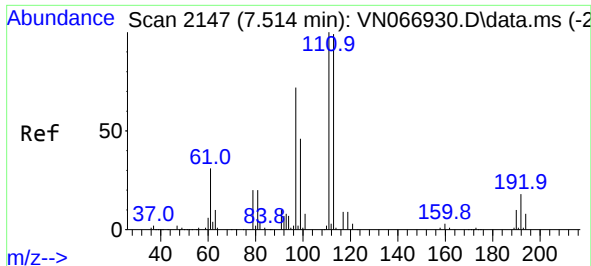
Tgt Ion: 114 Resp: 566138
Ion Ratio Lower Upper
114 100
63 23.1 0.0 38.6
88 17.9 0.0 30.6



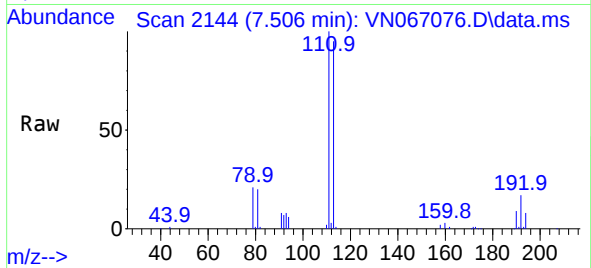
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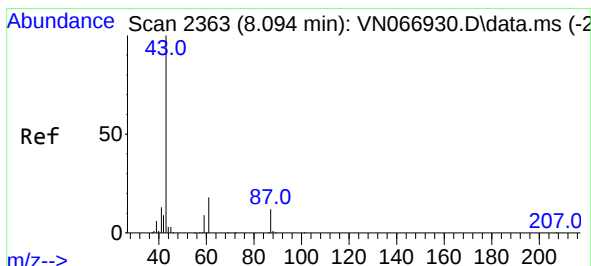
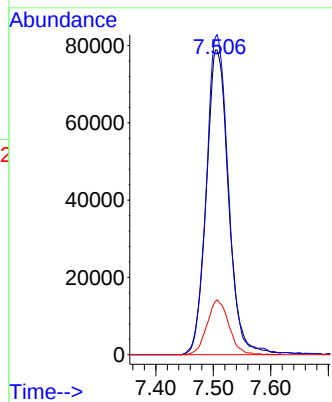
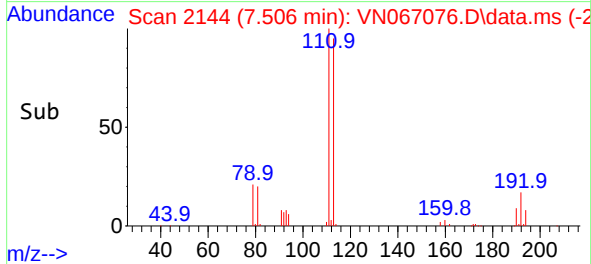
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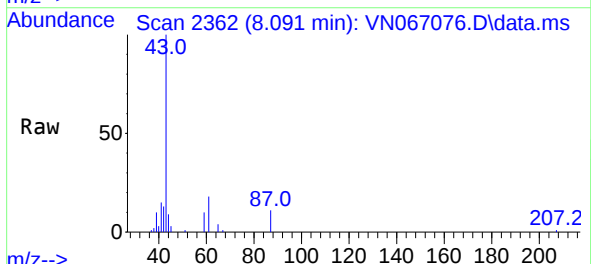
#35
Dibromofluoromethane
Concen: 55.10 ug/l
RT: 7.506 min Scan# 2144
Delta R.T. -0.008 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



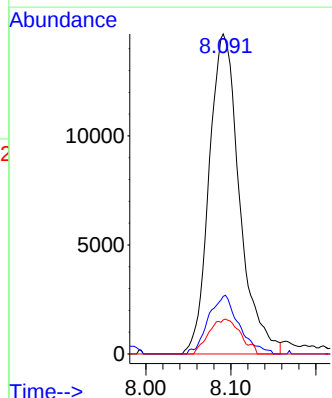
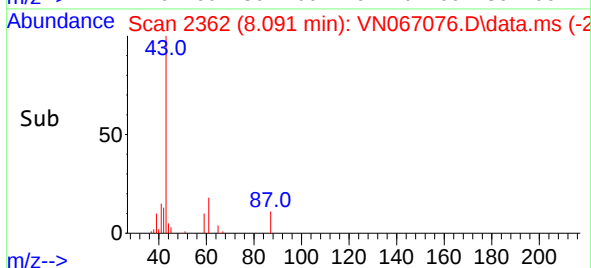
Tgt Ion: 113 Resp: 211813
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 17.6 15.4 23.0



#43
Isopropyl Acetate
Concen: 3.73 ug/l
RT: 8.091 min Scan# 2362
Delta R.T. -0.003 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



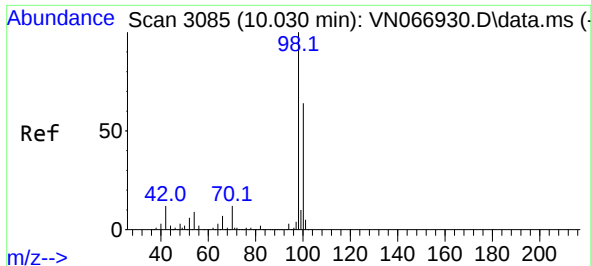
Tgt Ion: 43 Resp: 36386
Ion Ratio Lower Upper
43 100
61 18.5 22.5 33.7#
87 11.3 11.1 16.7



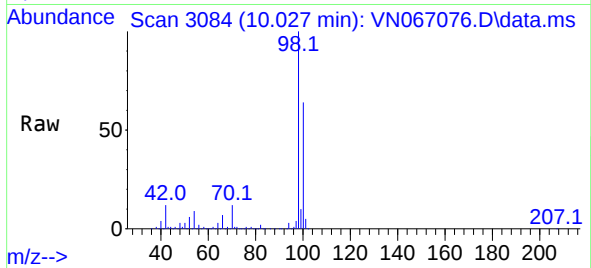
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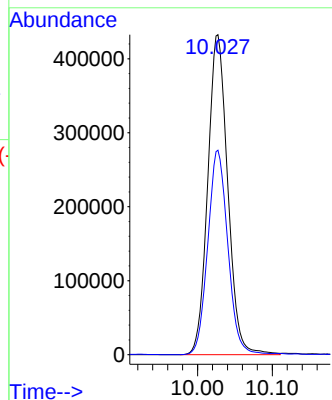
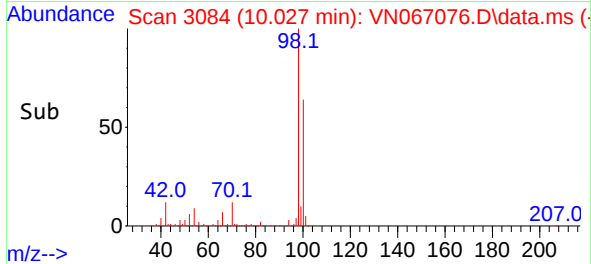
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#50
Toluene-d8
Concen: 54.86 ug/l
RT: 10.027 min Scan# 3084
Delta R.T. -0.003 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



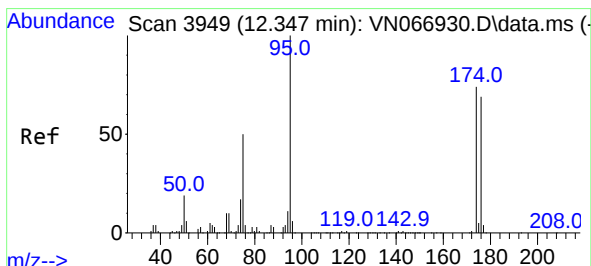
Tgt Ion: 98 Resp: 803103
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



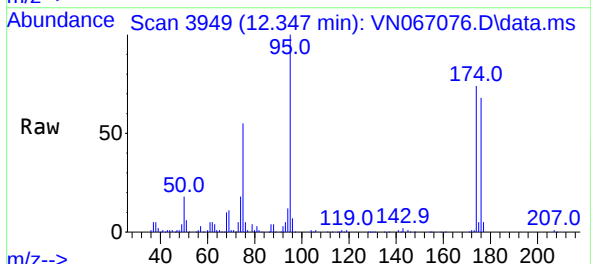
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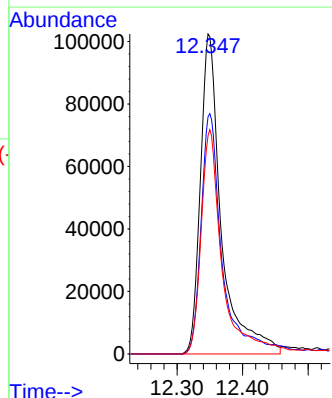
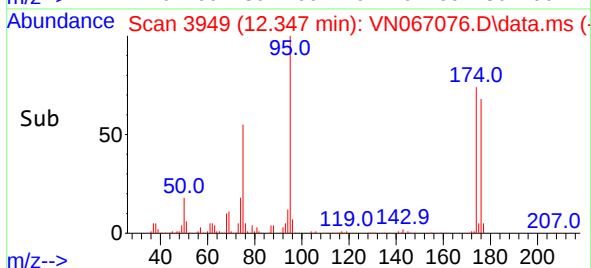
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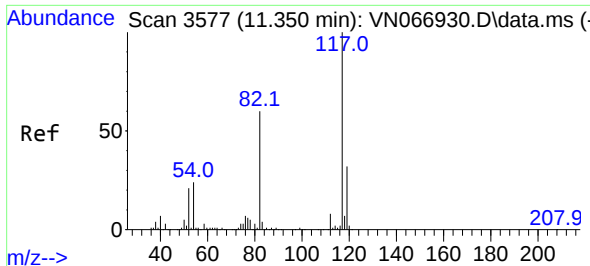


#62
4-Bromofluorobenzene
Concen: 45.95 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



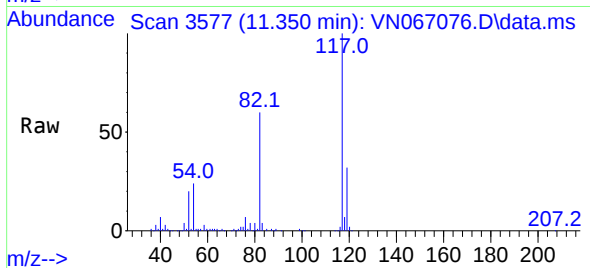
Tgt Ion: 95 Resp: 227784
Ion Ratio Lower Upper
95 100
174 74.3 0.0 169.0
176 70.3 0.0 162.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55

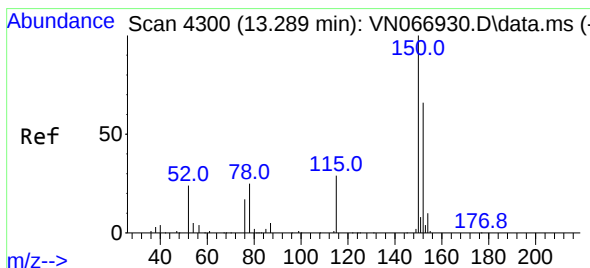
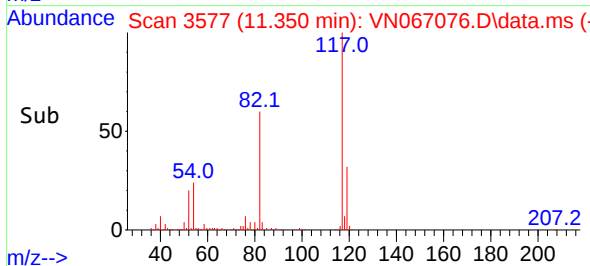
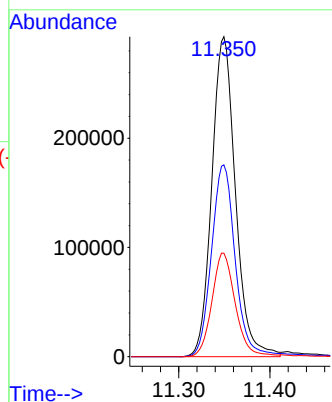
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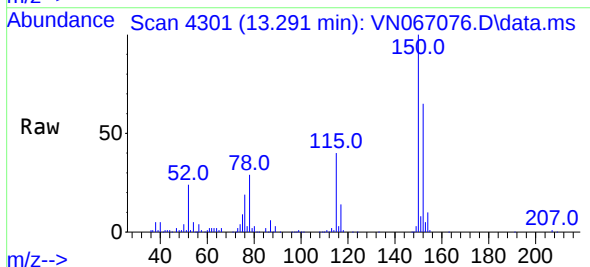
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Ion Ratio Lower Upper
117 100
82 60.0 43.7 65.5
119 32.3 26.1 39.1

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN067076.D
Acq: 10 May 2021 16:55



Tgt Ion:152 Resp: 170762
Ion Ratio Lower Upper
152 100
115 61.1 28.5 85.6
150 152.7 0.0 347.6

