

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
 Data File : VN068448.D
 Acq On : 9 Sep 2021 17:50
 Operator : JC/MD
 Sample : M3669-01RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UTILITY-POLES-BRIGE-PIERS-DEC

Manual Integrations
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Quant Time: Sep 10 04:12:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	403138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	658311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	744578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	435897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219148	59.261	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 118.520%			
35) Dibromofluoromethane	8.024	113	204558	51.520	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.040%			
50) Toluene-d8	10.443	98	852222	59.089	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 118.180%			
62) 4-Bromofluorobenzene	12.733	95	343696	74.473	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 148.940%#			
Target Compounds					Qvalue	
16) Acetone	4.288	43	297196	242.861	ug/l	98
18) Methyl Acetate	4.862	43	10382	1.536	ug/l #	77
20) Methylene Chloride	5.103	84	32935	8.397	ug/l	95
25) 2-Butanone	7.343	43	13542	7.536	ug/l	93
43) Isopropyl Acetate	8.563	43	44673	6.065	ug/l #	80
52) Toluene	10.505	92	13901	1.290	ug/l	96
86) p-Isopropyltoluene	13.619	119	936582	36.590	ug/l	96
95) Naphthalene	15.493	128	24204347m	1308.088	ug/l	

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

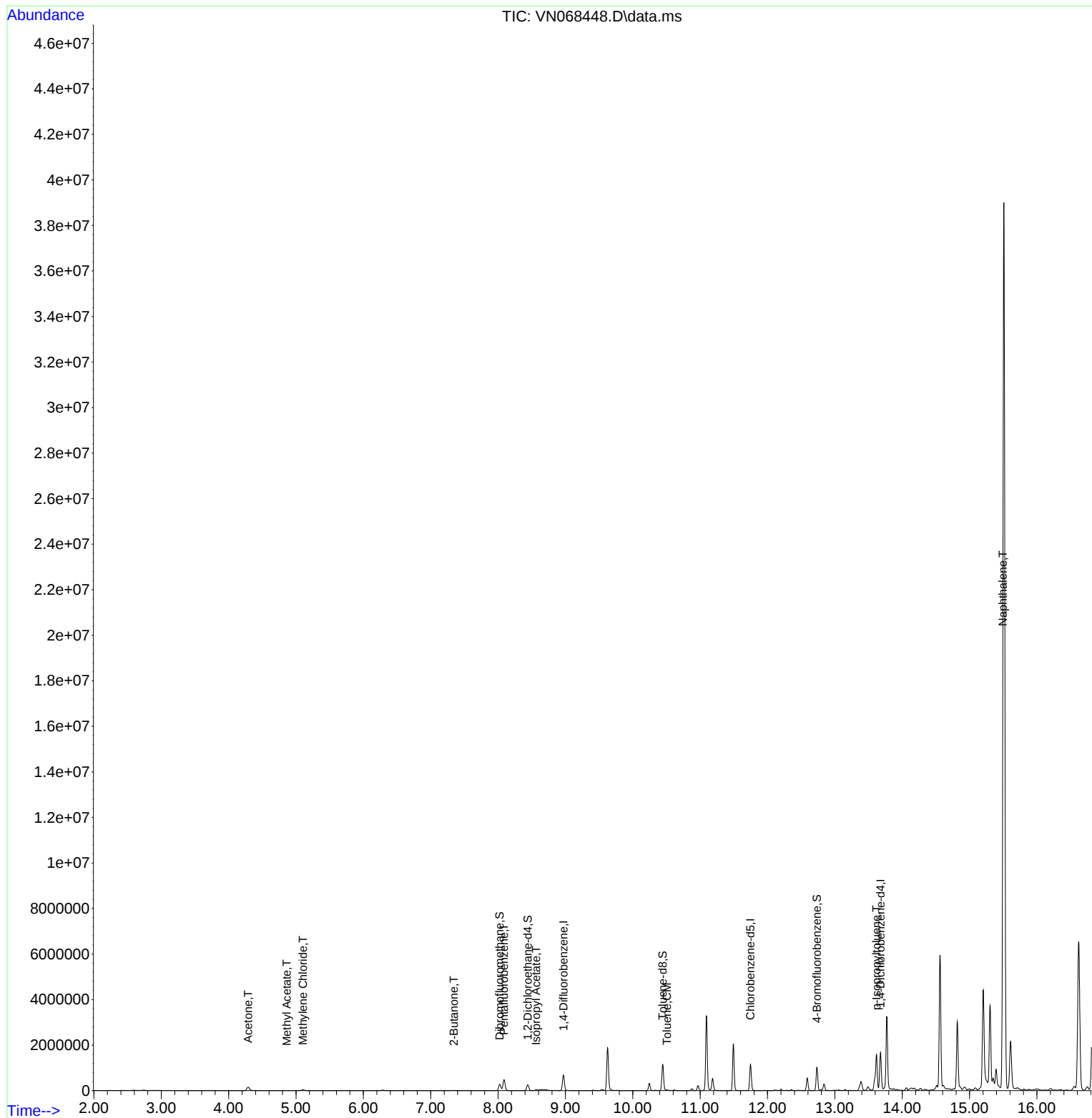
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Data File : VN068448.D
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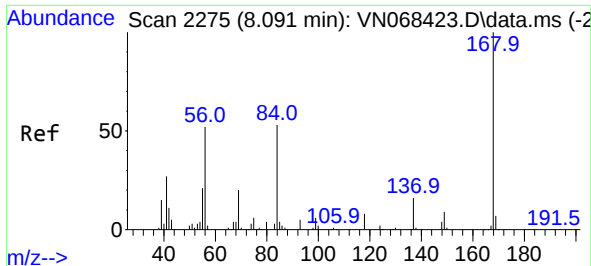
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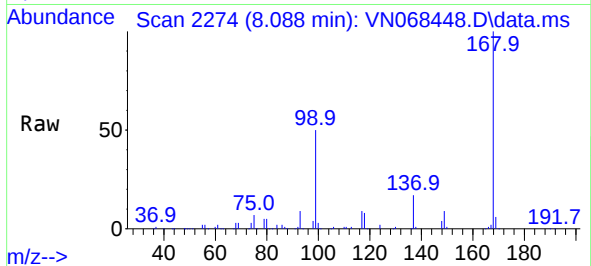
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Quant Time: Sep 10 04:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
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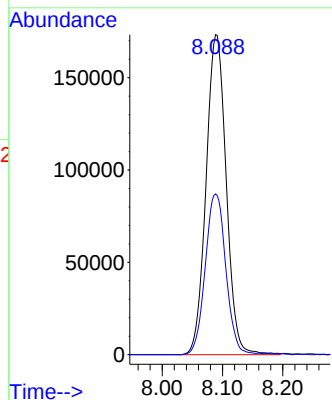
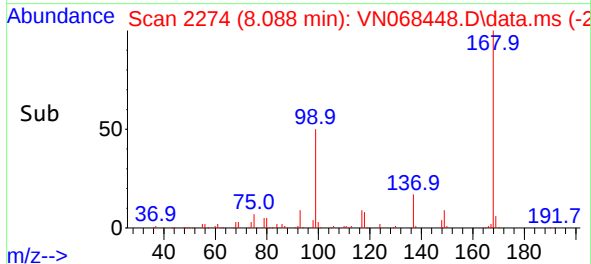




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50



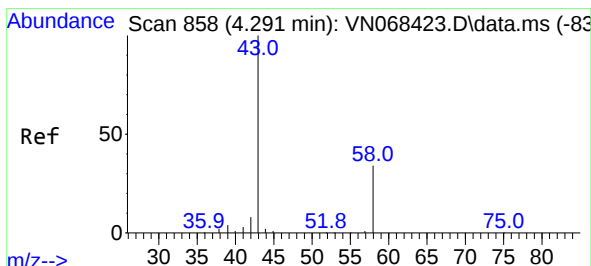
Tgt Ion:168 Resp: 403138
Ion Ratio Lower Upper
168 100
99 50.3 38.2 57.4



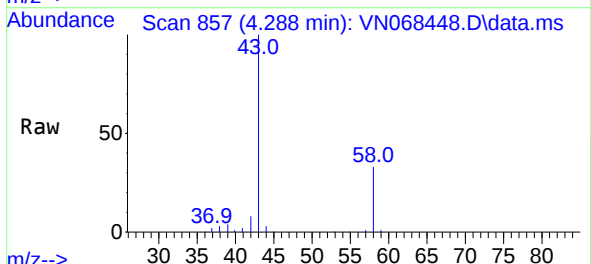
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Manual Integrations
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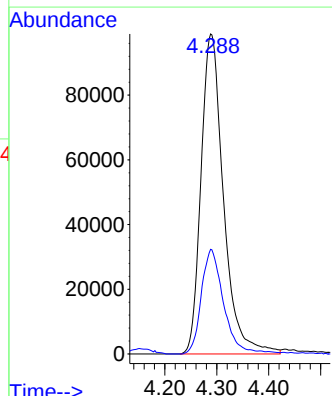
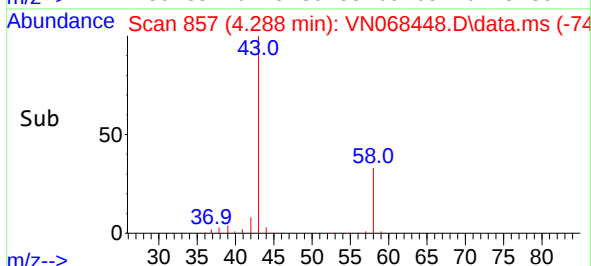
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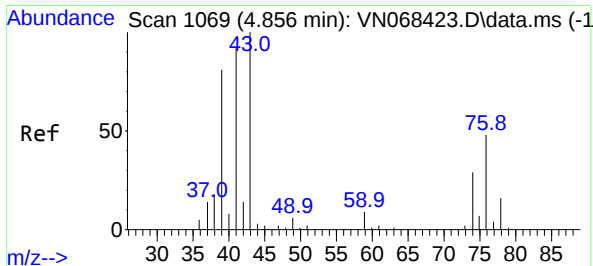


#16
Acetone
Concen: 242.861 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50



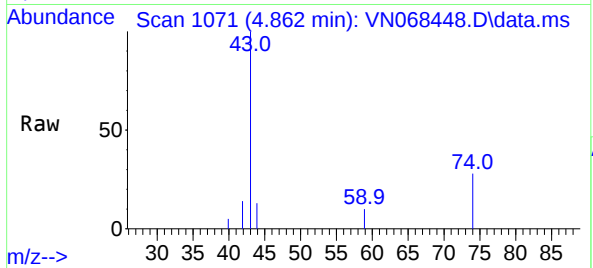
Tgt Ion: 43 Resp: 297196
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.6





#18
Methyl Acetate
Concen: 1.536 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

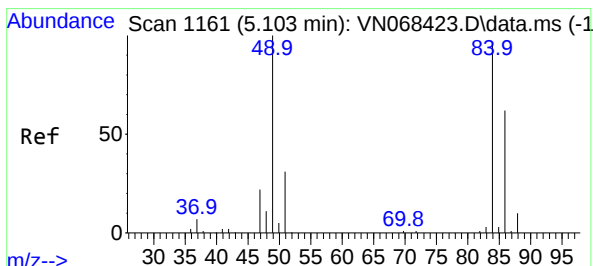
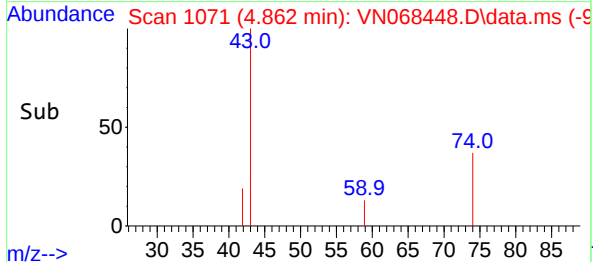
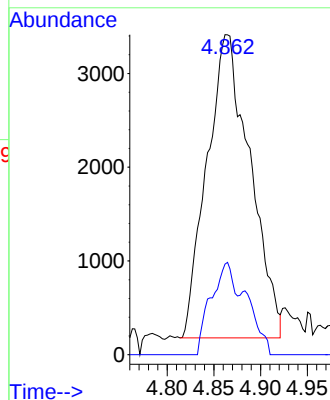
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 43 Resp: 10382
Ion Ratio Lower Upper
43 100
74 16.8 23.5 35.3#

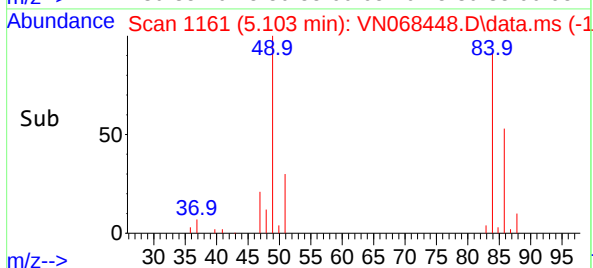
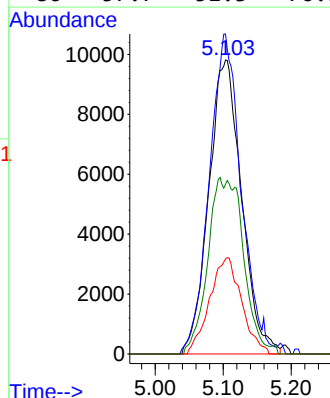
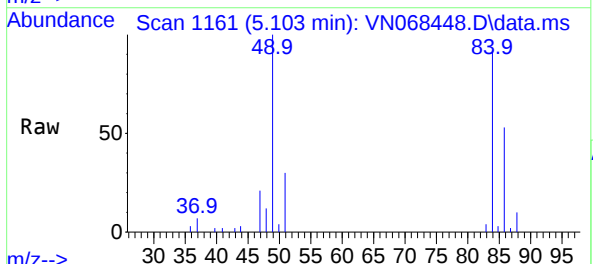
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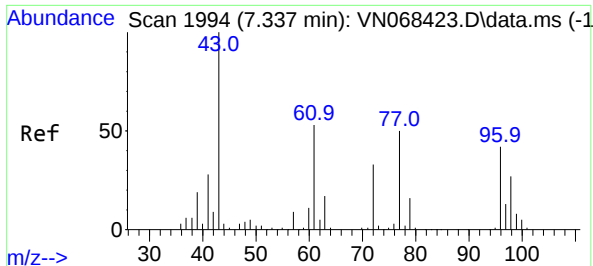
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#20
Methylene Chloride
Concen: 8.397 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

Tgt Ion: 84 Resp: 32935
Ion Ratio Lower Upper
84 100
49 108.8 83.0 124.6
51 32.3 25.4 38.0
86 57.7 51.3 76.9





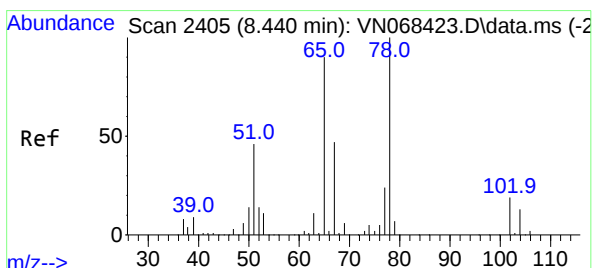
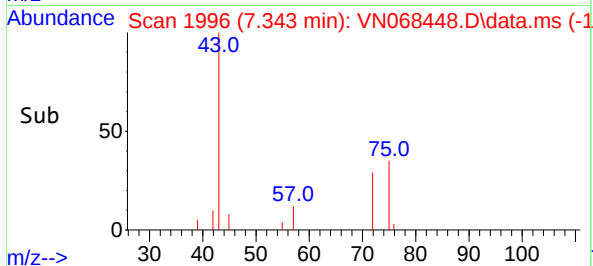
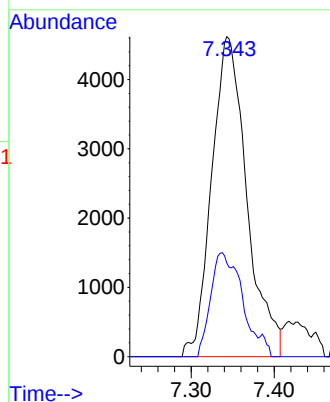
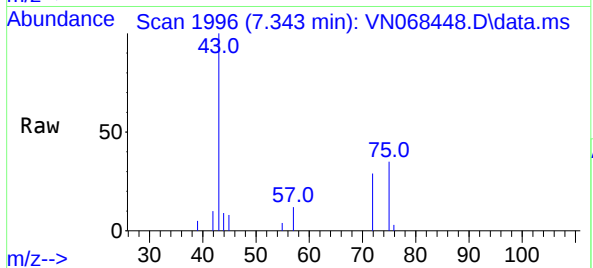
#25
2-Butanone
Concen: 7.536 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.005 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

Tgt Ion: 43 Resp: 13542
Ion Ratio Lower Upper
43 100
72 29.3 26.7 40.1

Instrument :
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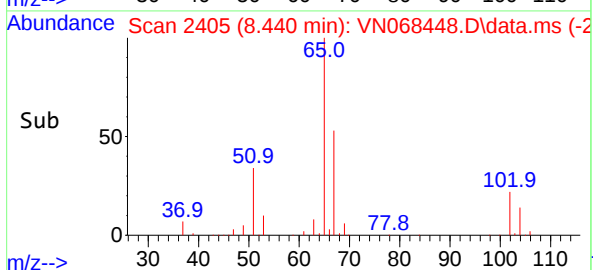
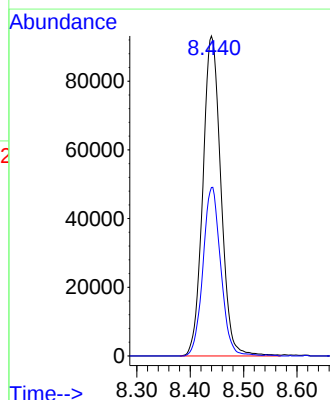
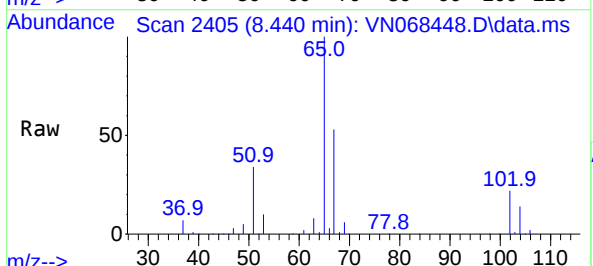
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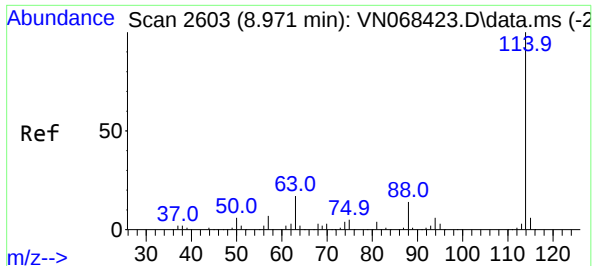
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#33
1,2-Dichloroethane-d4
Concen: 59.261 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068448.D
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Tgt Ion: 65 Resp: 219148
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0





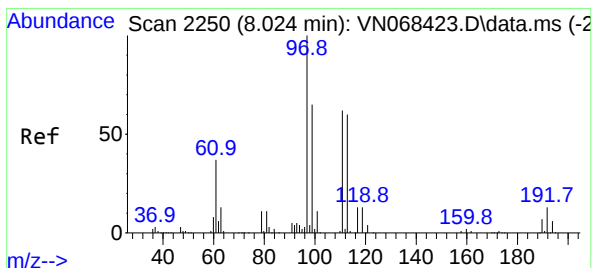
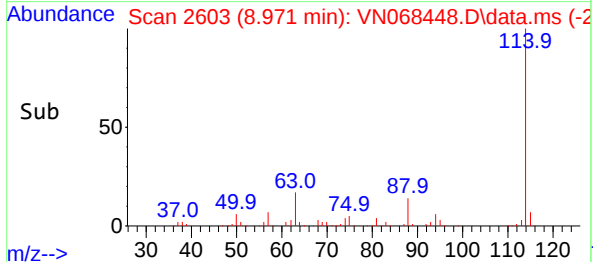
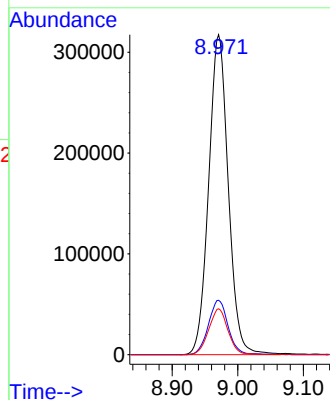
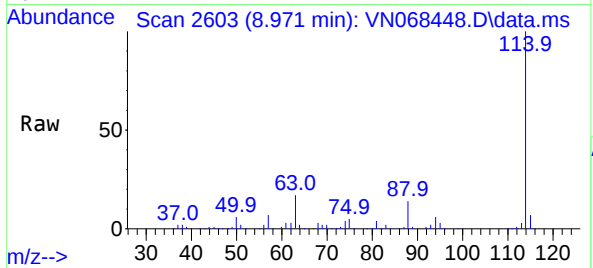
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

Tgt Ion:114 Resp: 658311
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.2
88 14.4 0.0 28.4

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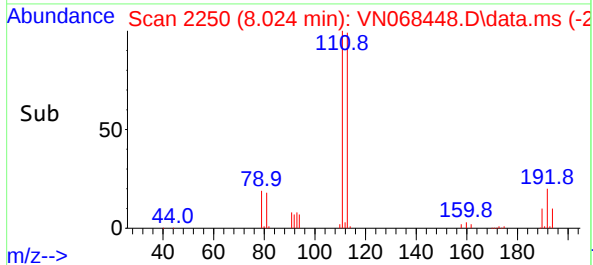
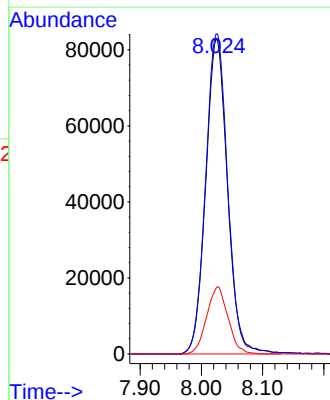
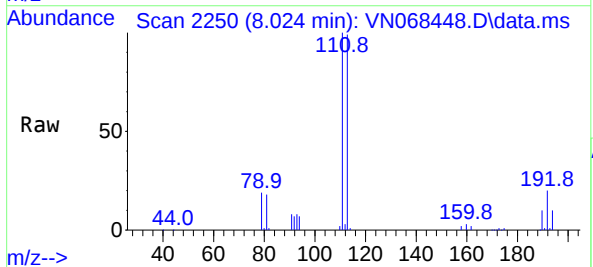
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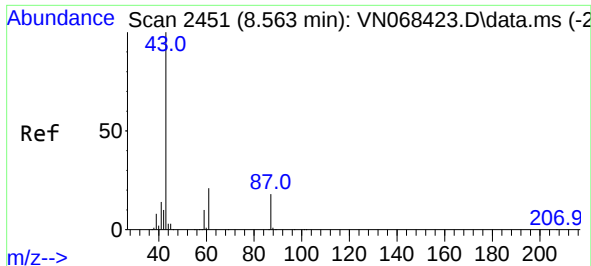
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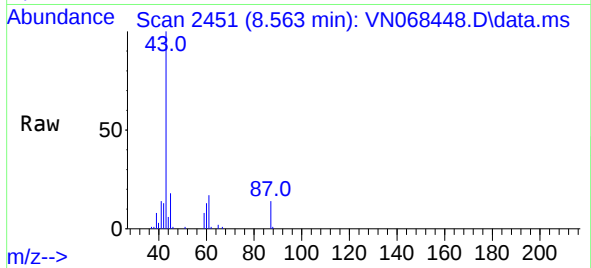
#35
Dibromofluoromethane
Concen: 51.520 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

Tgt Ion:113 Resp: 204558
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 20.9 17.7 26.5

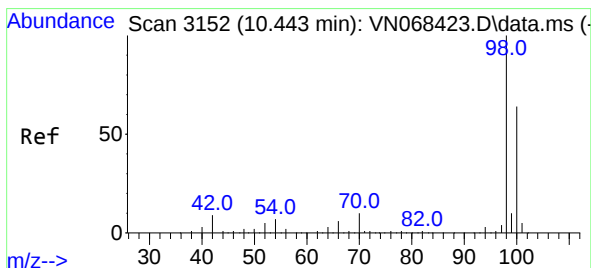
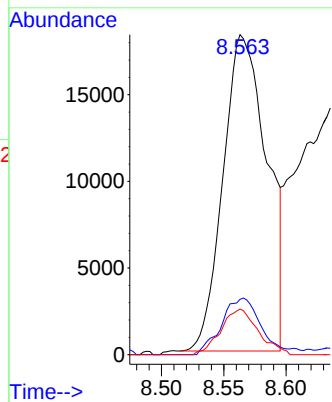
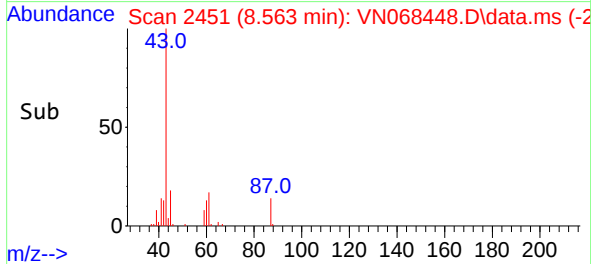




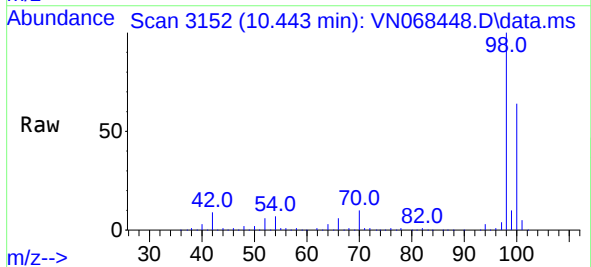
#43
Isopropyl Acetate
Concen: 6.065 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50



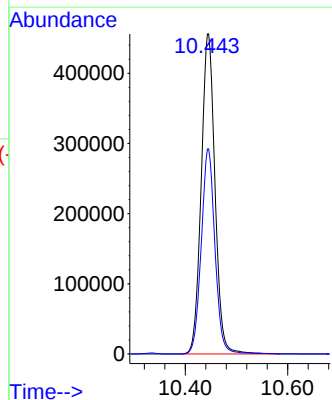
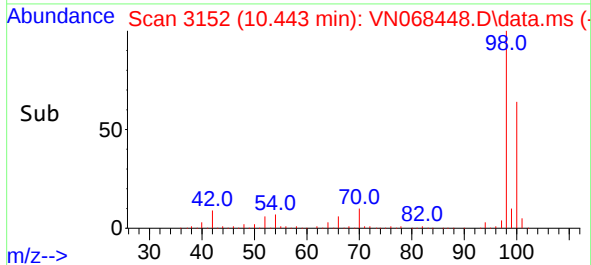
Tgt Ion: 43 Resp: 44673
Ion Ratio Lower Upper
43 100
61 16.0 23.3 34.9#
87 12.3 13.8 20.6#



#50
Toluene-d8
Concen: 59.089 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50



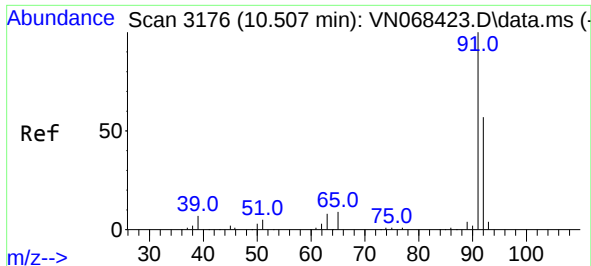
Tgt Ion: 98 Resp: 852222
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6



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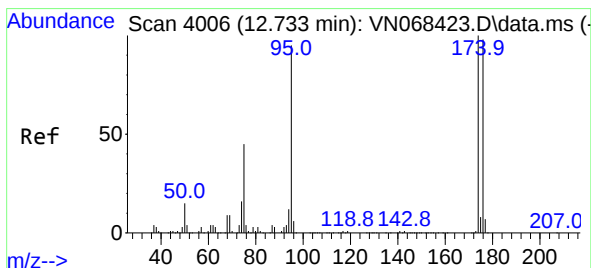
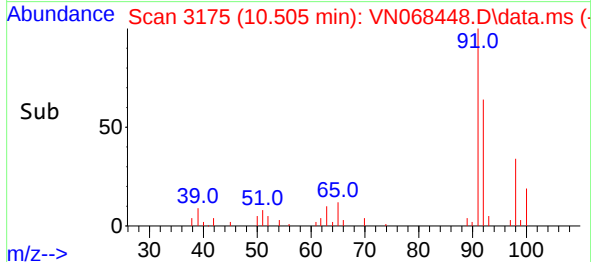
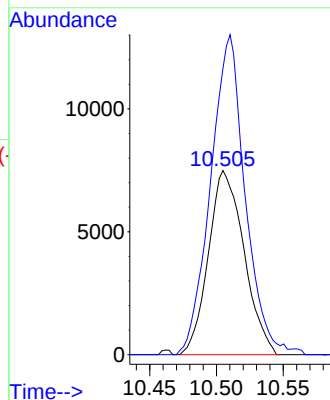
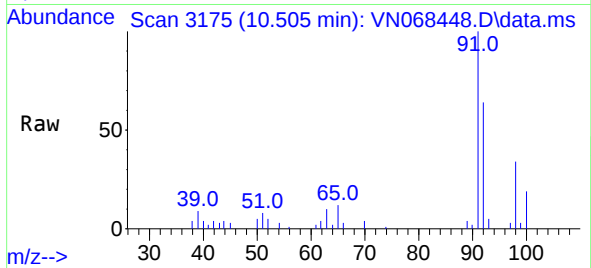
#52
Toluene
Concen: 1.290 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

Tgt Ion: 92 Resp: 13901
Ion Ratio Lower Upper
92 100
91 169.1 139.4 209.0

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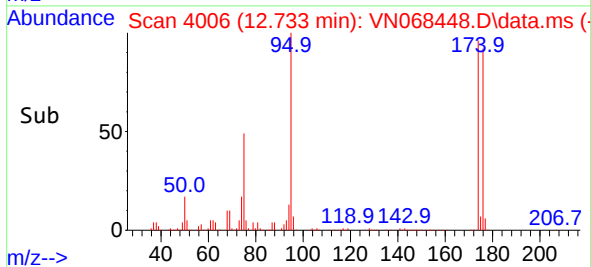
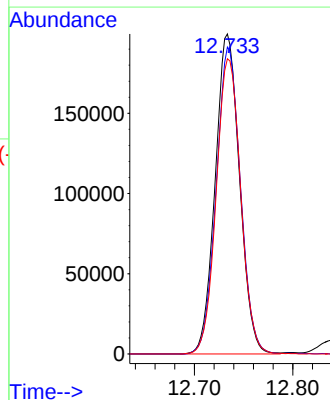
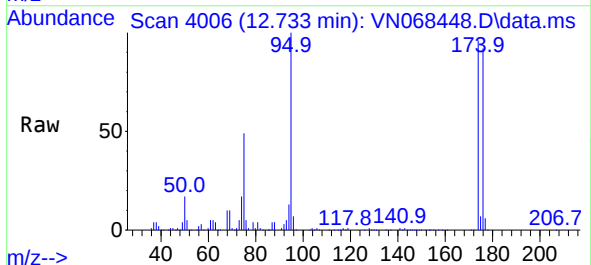
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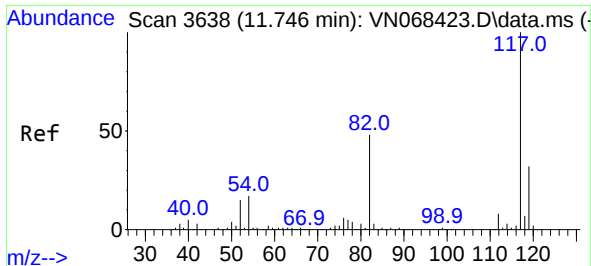
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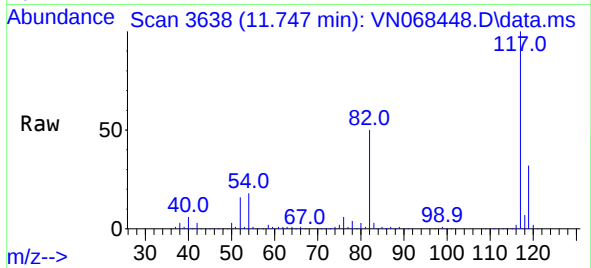
#62
4-Bromofluorobenzene
Concen: 74.473 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

Tgt Ion: 95 Resp: 343696
Ion Ratio Lower Upper
95 100
174 95.4 0.0 214.0
176 92.8 0.0 205.4

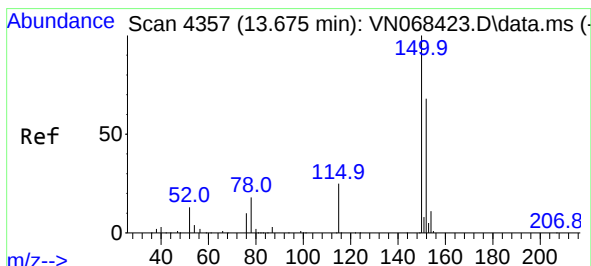
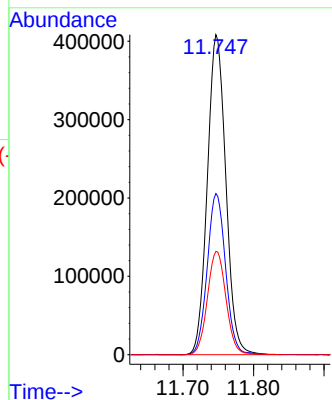
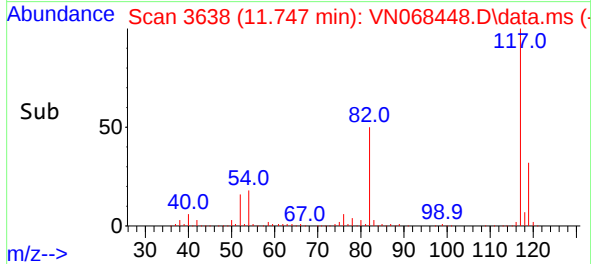




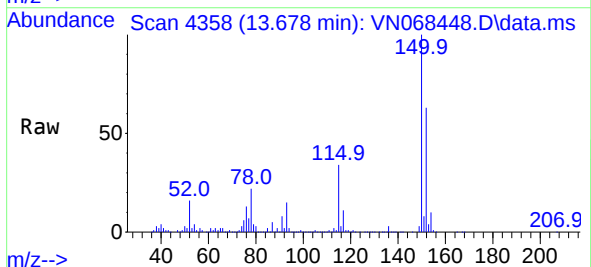
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50



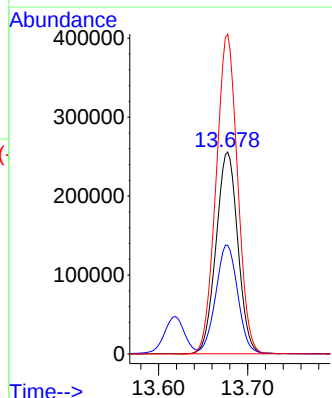
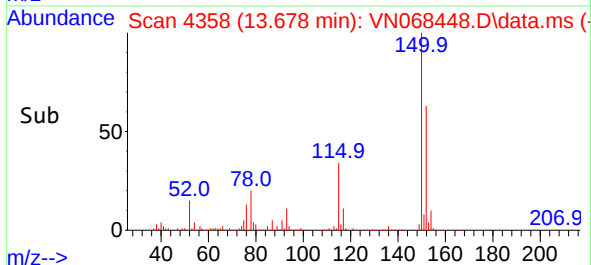
Tgt Ion:117 Resp: 744578
Ion Ratio Lower Upper
117 100
82 50.3 38.7 58.1
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50



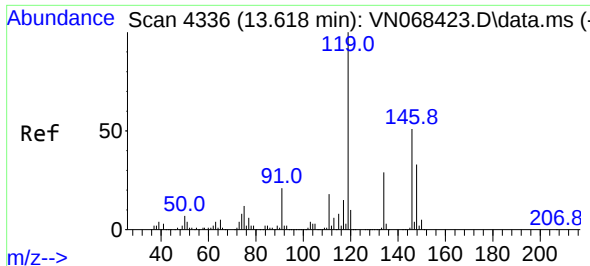
Tgt Ion:152 Resp: 435897
Ion Ratio Lower Upper
152 100
115 54.4 25.6 76.6
150 156.3 0.0 346.8



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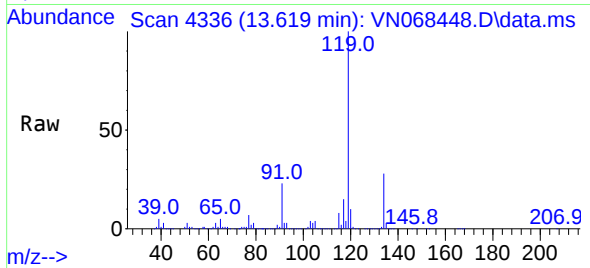
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#86
p-Isopropyltoluene
Concen: 36.590 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50

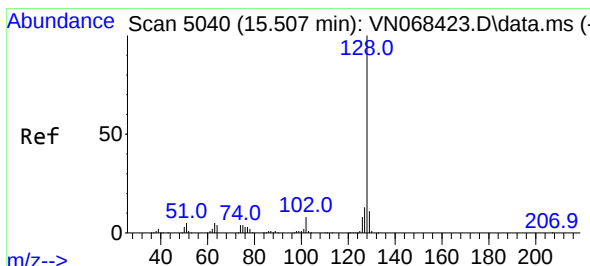
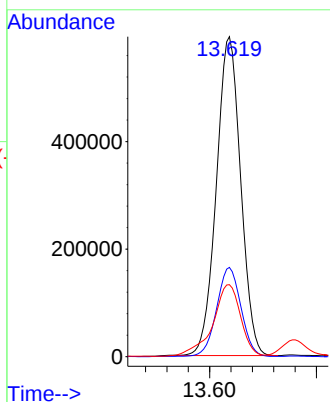
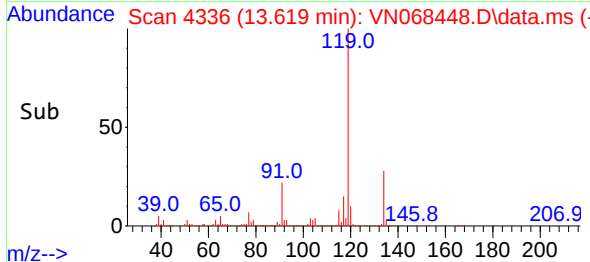
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC



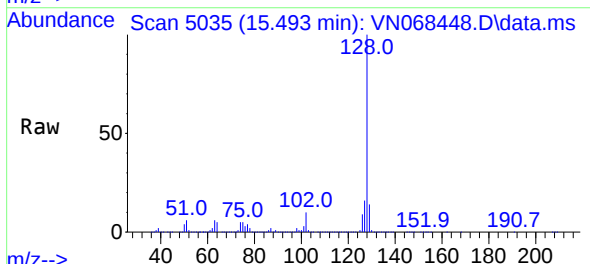
Tgt Ion:119 Resp: 936582
Ion Ratio Lower Upper
119 100
134 28.2 14.1 42.4
91 25.8 10.6 31.8

Manual Integrations
APPROVED

MMDadoda
9/10/2021 12:47:11 PM



#95
Naphthalene
Concen: 1308.088 ug/l m
RT: 15.493 min Scan# 5035
Delta R.T. -0.014 min
Lab File: VN068448.D
Acq: 9 Sep 2021 17:50



Tgt Ion:128 Resp:24204347
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

