

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
 Data File : VN068445.D
 Acq On : 9 Sep 2021 16:35
 Operator : JC/MD
 Sample : M3669-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 12:47:07 PM

Quant Time: Sep 10 04:10:59 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	375312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	627760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	695548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	404249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	208835	60.660	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.320%			
35) Dibromofluoromethane	8.024	113	193309	51.056	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.120%			
50) Toluene-d8	10.443	98	801203	58.256	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 116.520%			
62) 4-Bromofluorobenzene	12.733	95	315634	71.721	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 143.440%#			
Target Compounds					Qvalue	
16) Acetone	4.291	43	287670	252.506	ug/l	99
18) Methyl Acetate	4.865	43	9833	1.594	ug/l #	69
20) Methylene Chloride	5.106	84	31797	8.761	ug/l	97
25) 2-Butanone	7.345	43	13073m	7.814	ug/l	
43) Isopropyl Acetate	8.563	43	39516	5.626	ug/l #	83
52) Toluene	10.507	92	12355	1.202	ug/l	100
86) p-Isopropyltoluene	13.618	119	857506	36.123	ug/l	94
95) Naphthalene	15.493	128	23920206m	1393.708	ug/l	

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

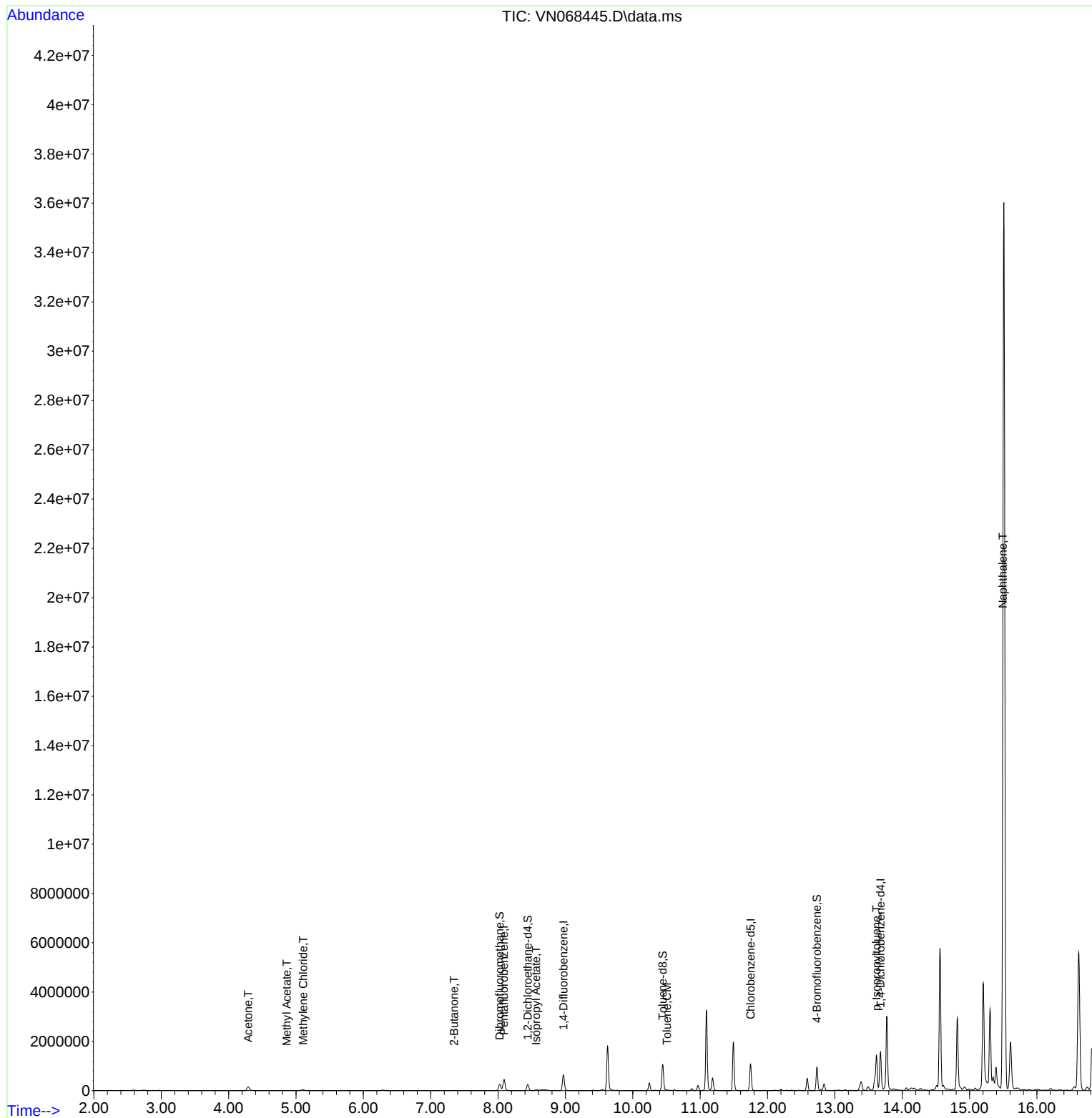
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090921\
Data File : VN068445.D
Acq On : 9 Sep 2021 16:35
Operator : JC/MD
Sample : M3669-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

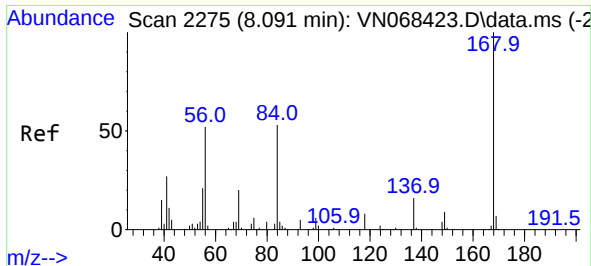
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC

Manual Integrations
APPROVED

MMDadoda
9/10/2021 12:47:07 PM

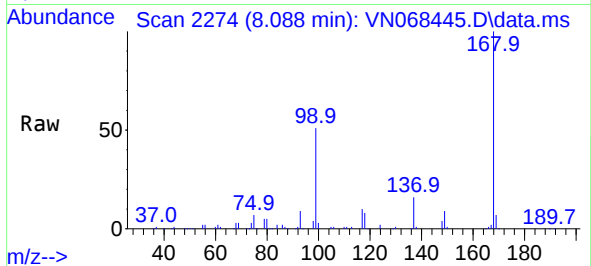
Quant Time: Sep 10 04:10:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 10 04:04:05 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

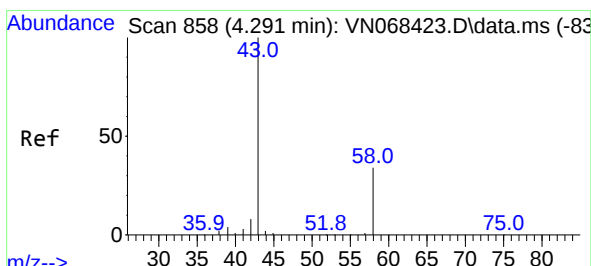
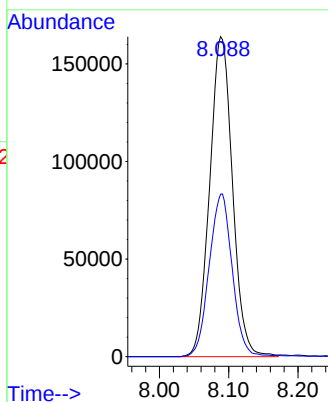
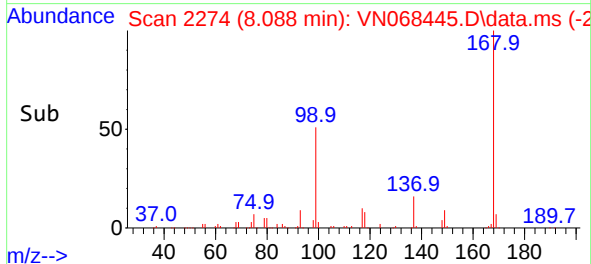
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC



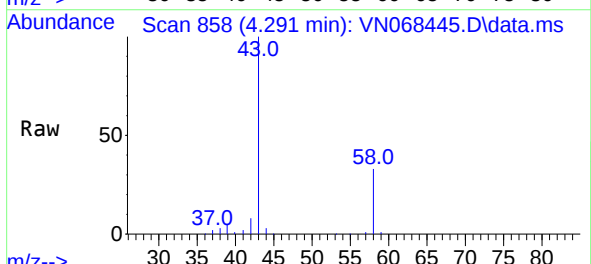
Tgt Ion:168 Resp: 375312
Ion Ratio Lower Upper
168 100
99 50.8 38.2 57.4

Manual Integrations
APPROVED

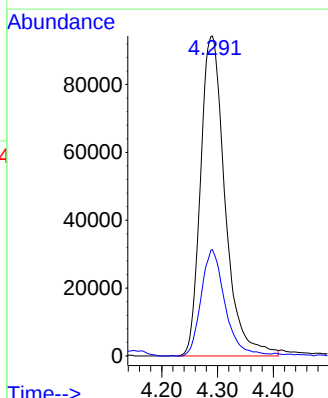
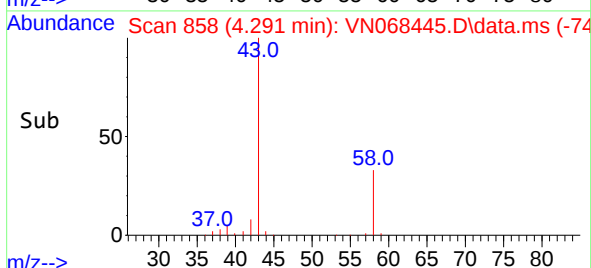
MMDadoda
9/10/2021 12:47:07 PM

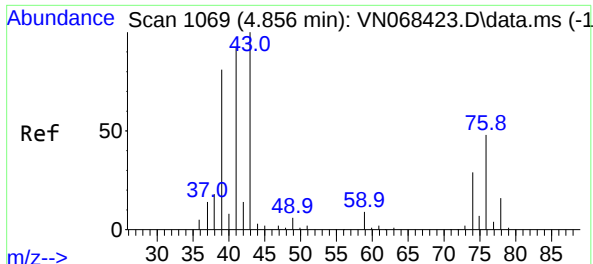


#16
Acetone
Concen: 252.506 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35



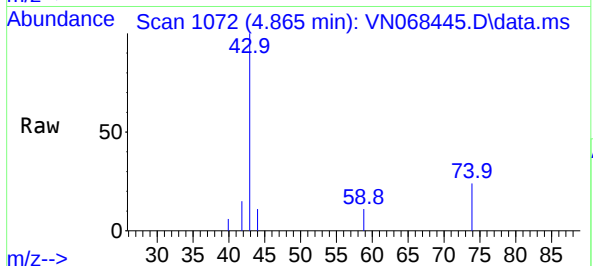
Tgt Ion: 43 Resp: 287670
Ion Ratio Lower Upper
43 100
58 33.3 27.0 40.6





#18
Methyl Acetate
Concen: 1.594 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.009 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

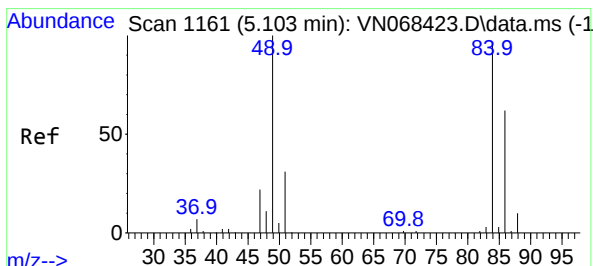
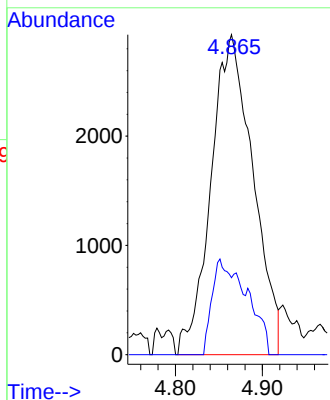
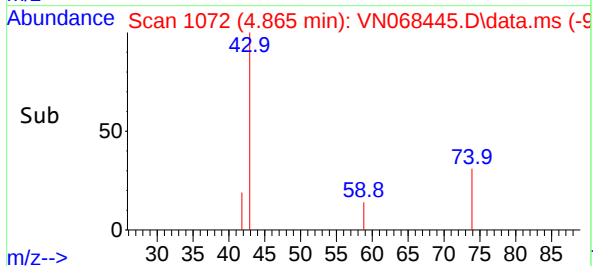
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC



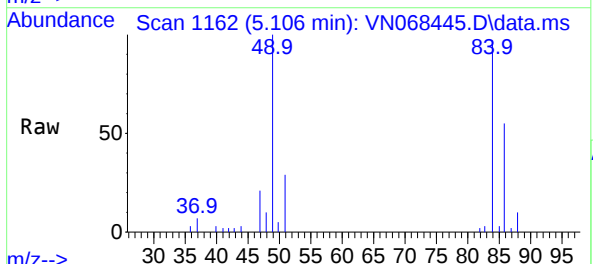
Tgt Ion: 43 Resp: 9833
Ion Ratio Lower Upper
43 100
74 12.6 23.5 35.3#

Manual Integrations
APPROVED

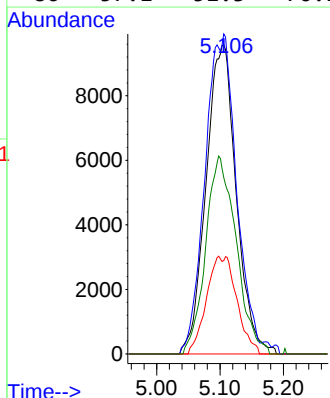
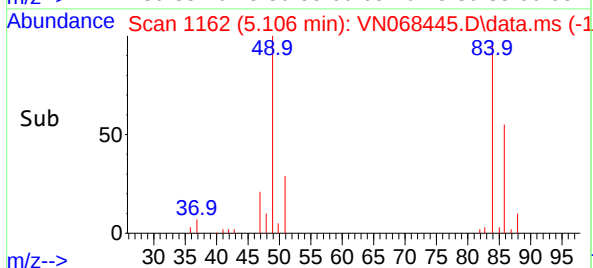
MMDadoda
9/10/2021 12:47:07 PM

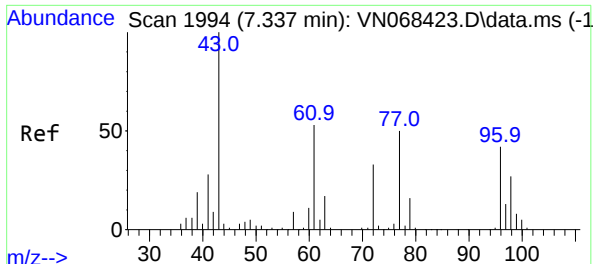


#20
Methylene Chloride
Concen: 8.761 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.003 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35



Tgt Ion: 84 Resp: 31797
Ion Ratio Lower Upper
84 100
49 103.5 83.0 124.6
51 30.2 25.4 38.0
86 57.1 51.3 76.9





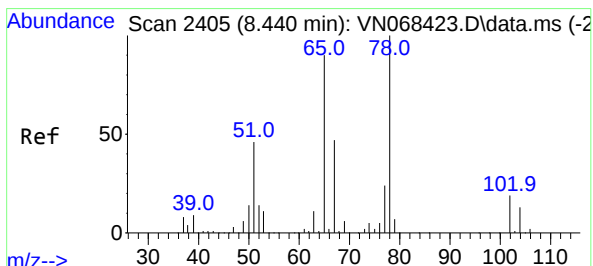
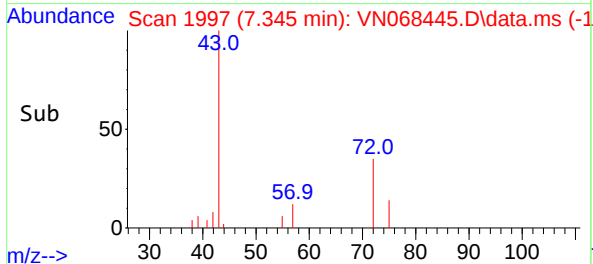
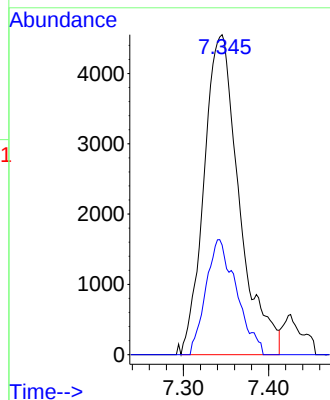
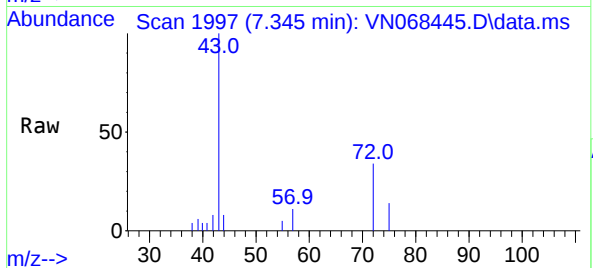
#25
2-Butanone
Concen: 7.814 ug/l m
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

Tgt Ion: 43 Resp: 13073
Ion Ratio Lower Upper
43 100
72 34.2 26.7 40.1

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

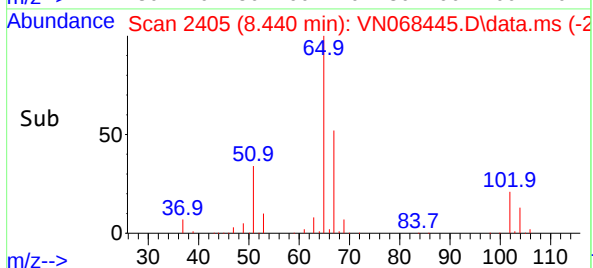
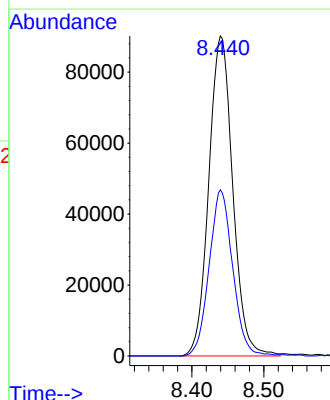
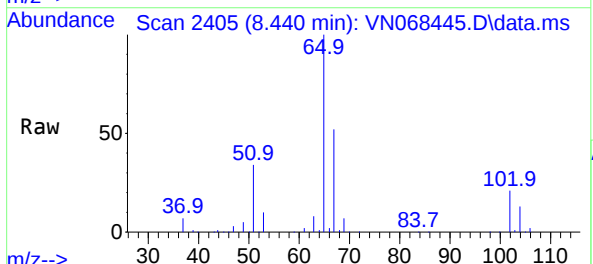
Manual Integrations
APPROVED

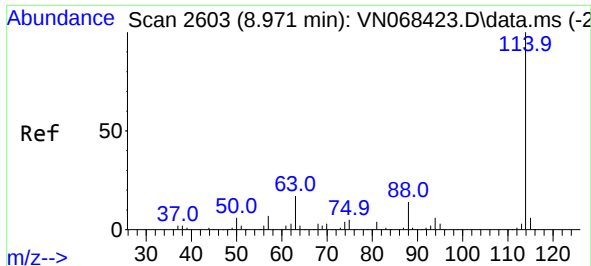
MMDadoda
9/10/2021 12:47:07 PM



#33
1,2-Dichloroethane-d4
Concen: 60.660 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

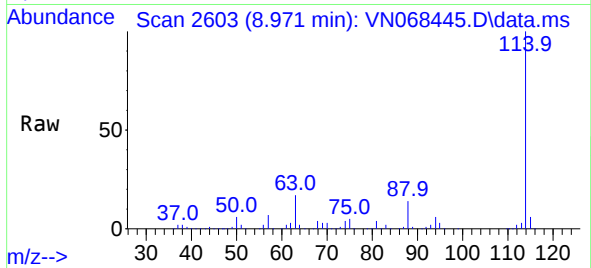
Tgt Ion: 65 Resp: 208835
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

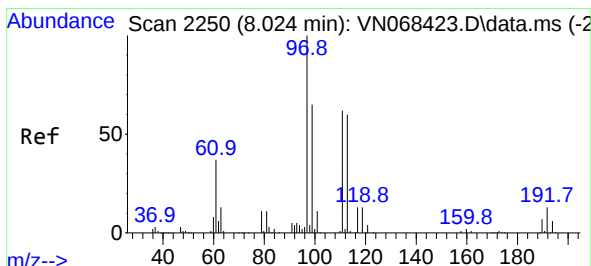
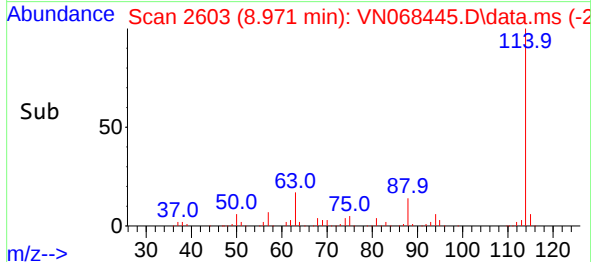
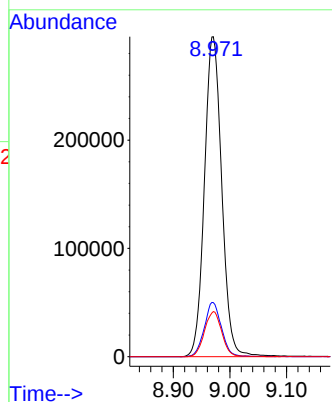
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC



Tgt Ion:114 Resp: 627760
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.2
88 14.1 0.0 28.4

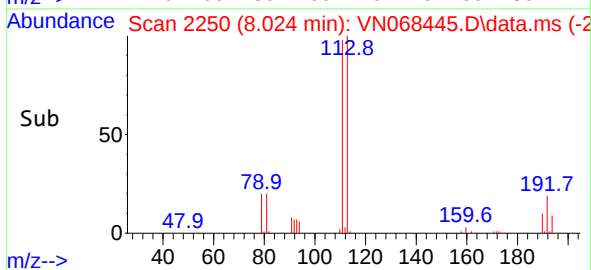
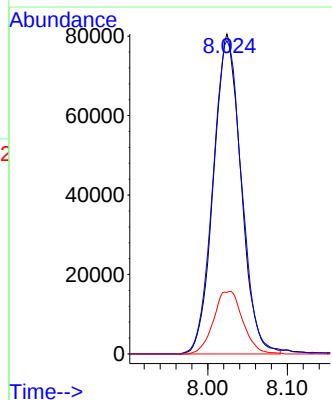
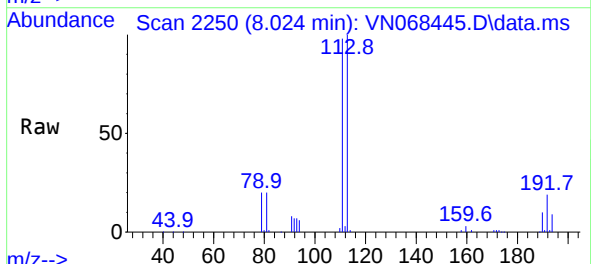
Manual Integrations
APPROVED

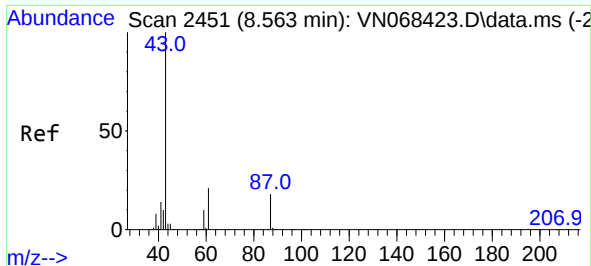
MMDadoda
9/10/2021 12:47:07 PM



#35
Dibromofluoromethane
Concen: 51.056 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

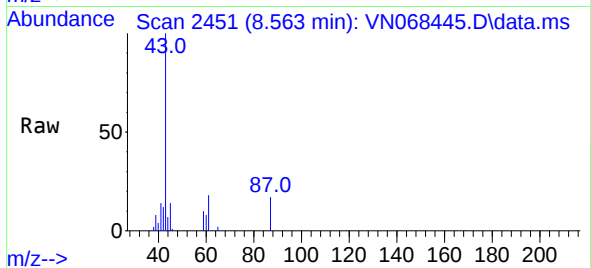
Tgt Ion:113 Resp: 193309
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 20.9 17.7 26.5





#43
Isopropyl Acetate
Concen: 5.626 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

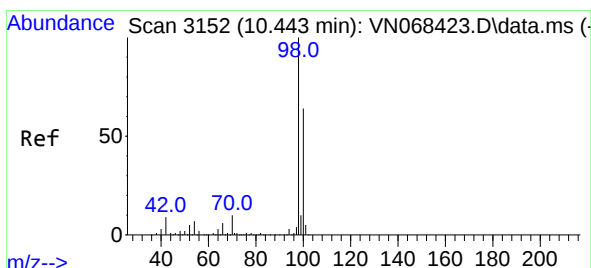
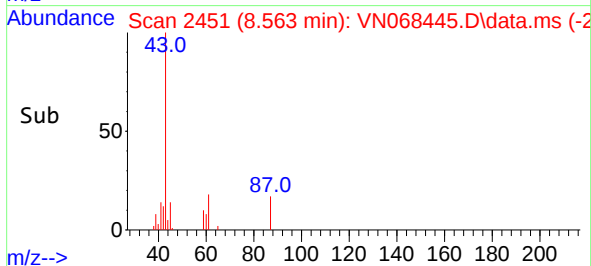
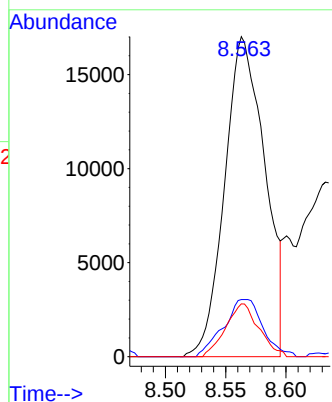
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC



Tgt Ion: 43 Resp: 39516
Ion Ratio Lower Upper
43 100
61 17.5 23.3 34.9#
87 13.7 13.8 20.6#

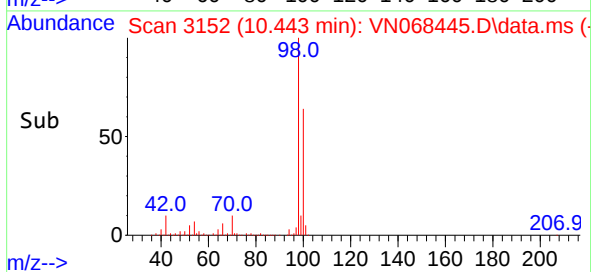
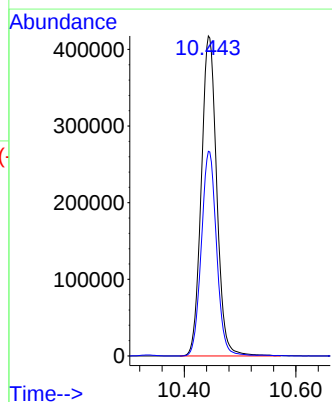
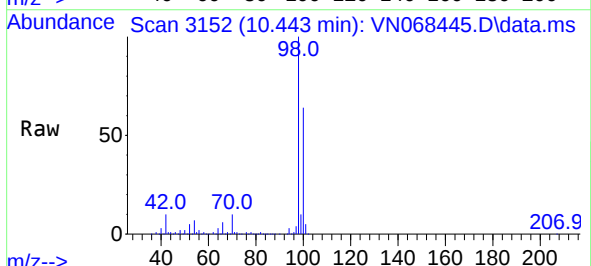
Manual Integrations
APPROVED

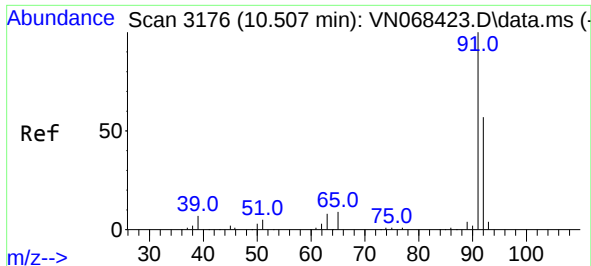
MMDadoda
9/10/2021 12:47:07 PM



#50
Toluene-d8
Concen: 58.256 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

Tgt Ion: 98 Resp: 801203
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.6





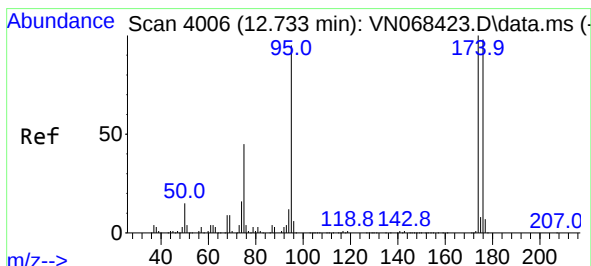
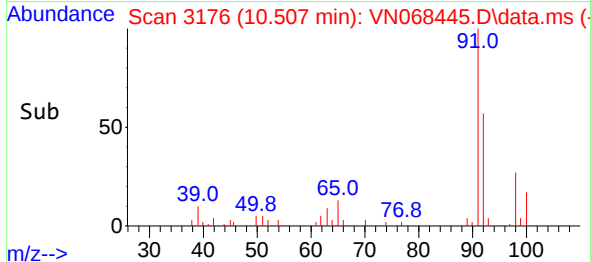
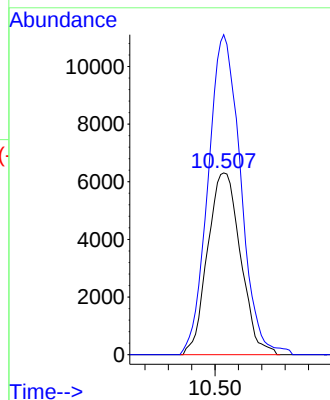
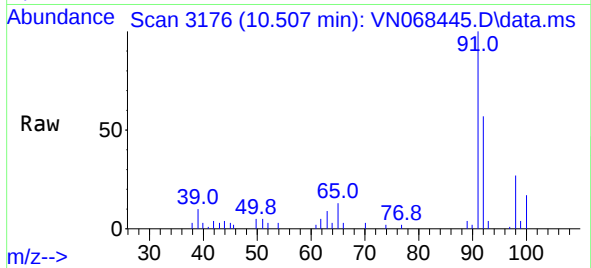
#52
Toluene
Concen: 1.202 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

Tgt Ion: 92 Resp: 12355
Ion Ratio Lower Upper
92 100
91 173.8 139.4 209.0

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

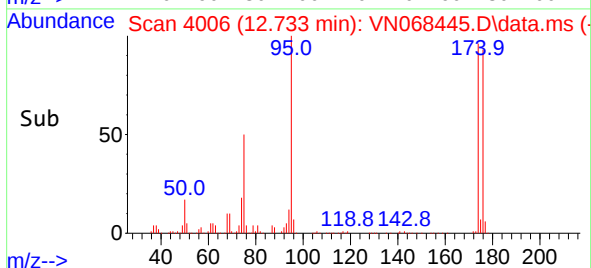
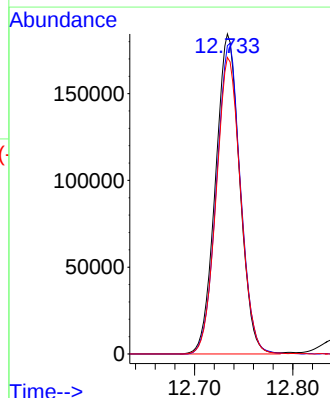
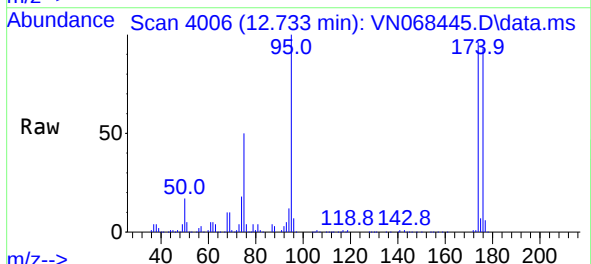
Manual Integrations
APPROVED

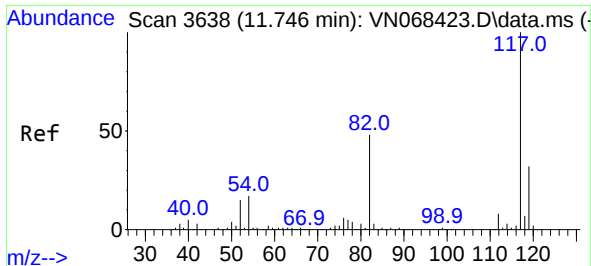
MMDadoda
9/10/2021 12:47:07 PM



#62
4-Bromofluorobenzene
Concen: 71.721 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

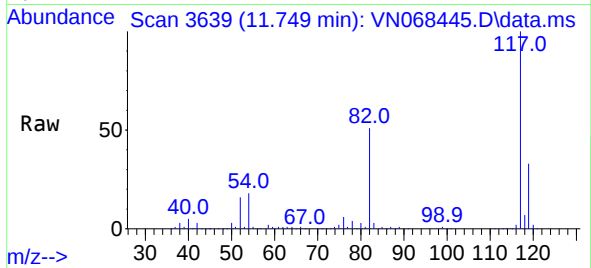
Tgt Ion: 95 Resp: 315634
Ion Ratio Lower Upper
95 100
174 96.1 0.0 214.0
176 92.8 0.0 205.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

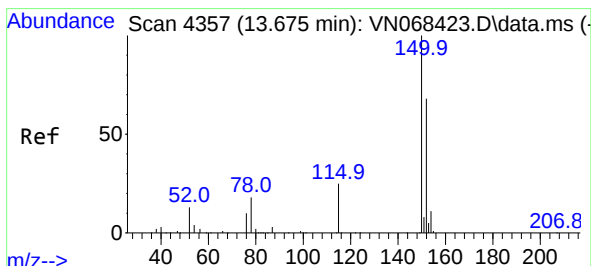
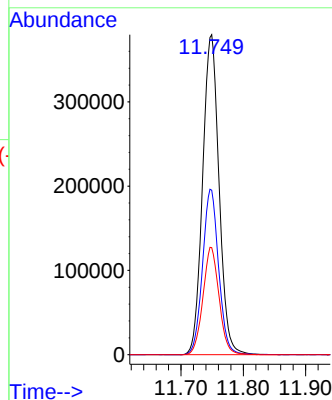
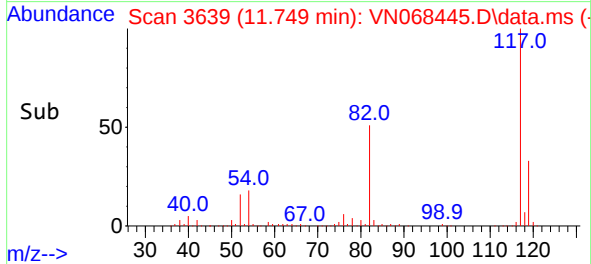
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC



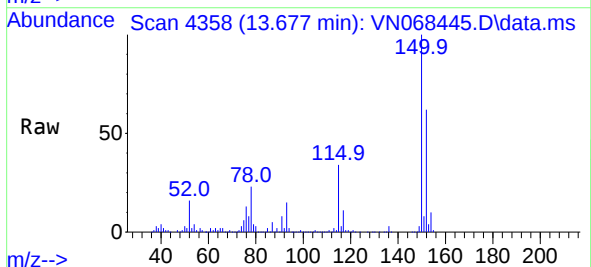
Tgt Ion:117 Resp: 695548
Ion Ratio Lower Upper
117 100
82 51.4 38.7 58.1
119 33.5 25.5 38.3

Manual Integrations
APPROVED

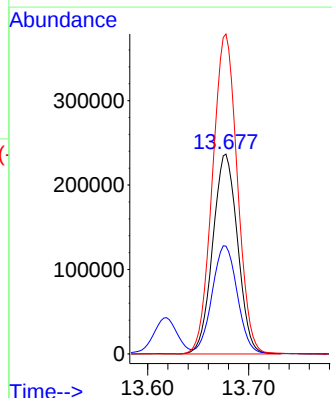
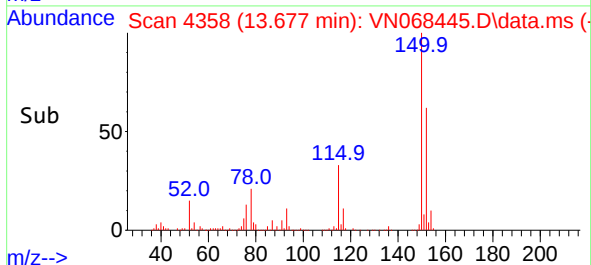
MMDadoda
9/10/2021 12:47:07 PM

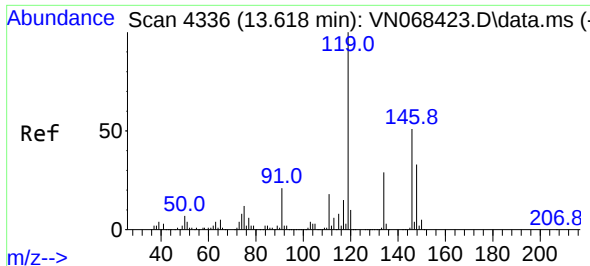


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35



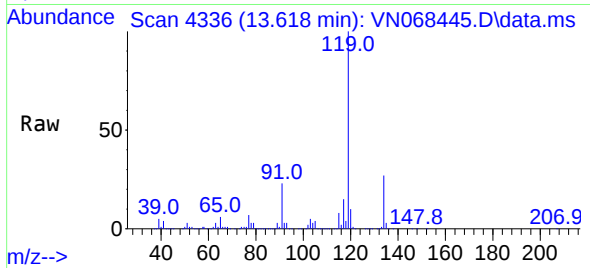
Tgt Ion:152 Resp: 404249
Ion Ratio Lower Upper
152 100
115 54.6 25.6 76.6
150 160.5 0.0 346.8





#86
p-Isopropyltoluene
Concen: 36.123 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35

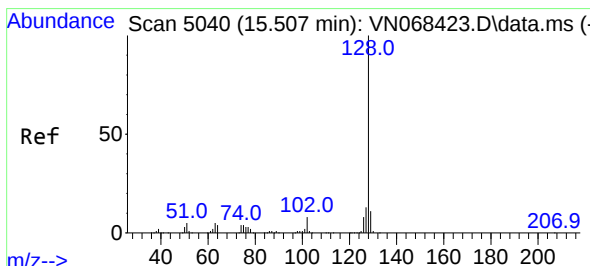
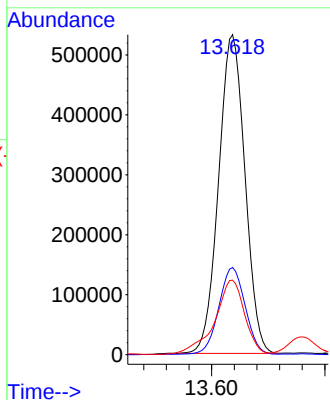
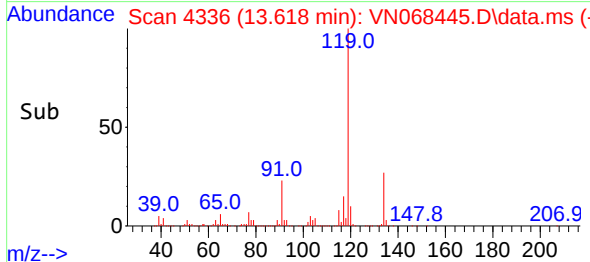
Instrument :
MSVOA_N
ClientSampleId :
UTILITY-POLES-BRIGE-PIERS-DEC



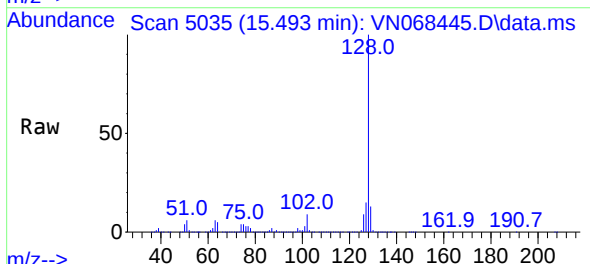
Tgt Ion:119 Resp: 857506
Ion Ratio Lower Upper
119 100
134 27.7 14.1 42.4
91 26.5 10.6 31.8

Manual Integrations
APPROVED

MMDadoda
9/10/2021 12:47:07 PM



#95
Naphthalene
Concen: 1393.708 ug/l m
RT: 15.493 min Scan# 5035
Delta R.T. -0.014 min
Lab File: VN068445.D
Acq: 9 Sep 2021 16:35



Tgt Ion:128 Resp:23920206
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

