

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069669.D
 Acq On : 29 Nov 2021 17:27
 Operator : JC/MD
 Sample : M4852-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:18:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1586231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2736242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2718505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1019921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1161225	50.489	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.980%			
35) Dibromofluoromethane	8.024	113	800806	48.797	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.600%			
50) Toluene-d8	10.443	98	3439672	53.292	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.580%			
62) 4-Bromofluorobenzene	12.734	95	1233176	52.009	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.020%			
Target Compounds					Qvalue	
16) Acetone	4.293	43	28121m	2.266	ug/l	
25) 2-Butanone	7.351	43	8515m	0.507	ug/l	
68) m/p-Xylenes	11.950	106	8111	0.236	ug/l	97
78) n-propylbenzene	12.921	91	34240	0.375	ug/l	99
80) 1,3,5-Trimethylbenzene	13.058	105	33791	0.515	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	96937	1.530	ug/l	97
89) n-Butylbenzene	13.946	91	22209	0.417	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	7183	0.234	ug/l	93
93) 1,2,4-Trichlorobenzene	15.263	180	11474	3.784	ug/l	94
95) Naphthalene	15.509	128	176729	8.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	14027	4.025	ug/l	94

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

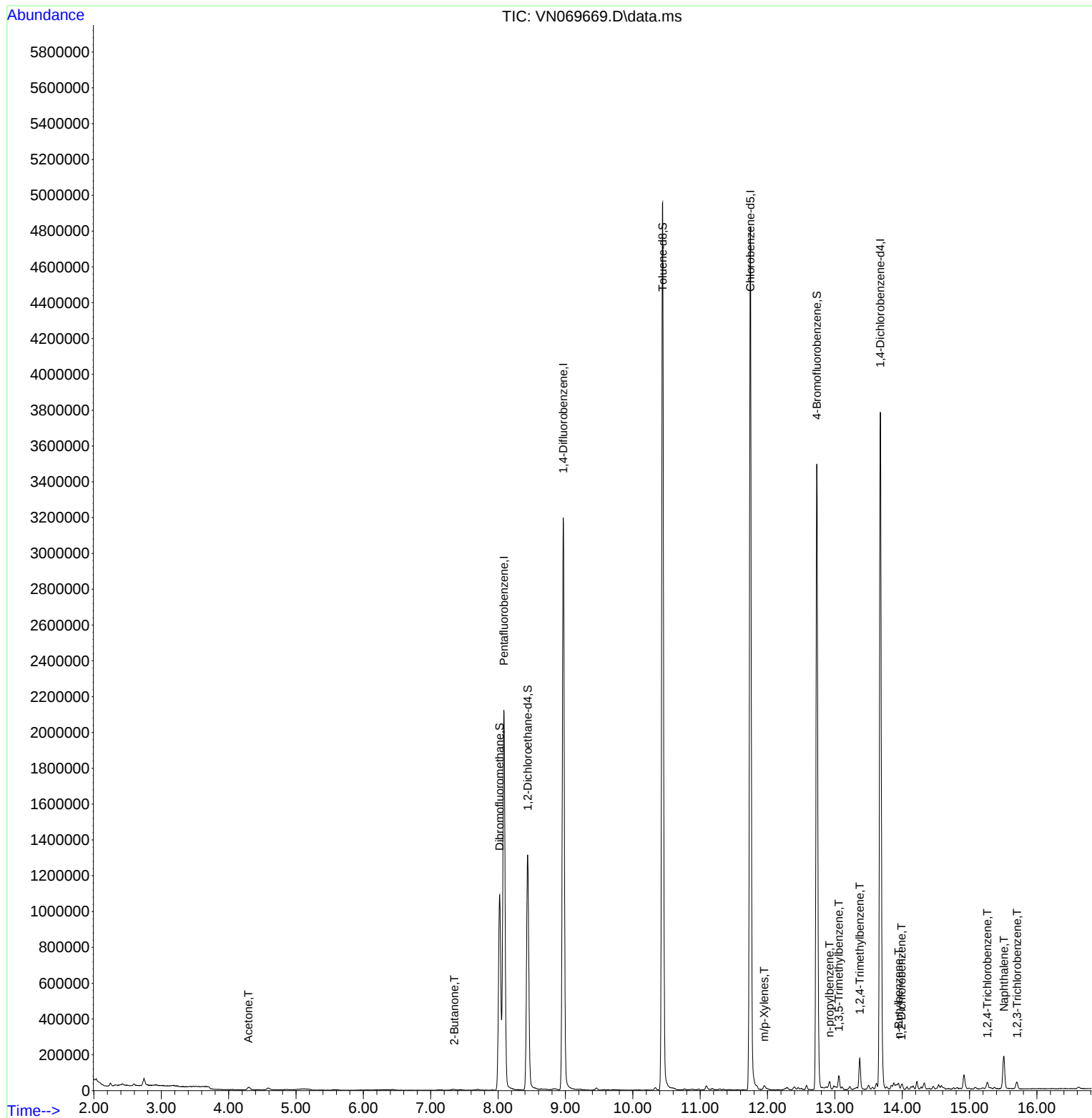
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
Data File : VN069669.D
Acq On : 29 Nov 2021 17:27
Operator : JC/MD
Sample : M4852-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

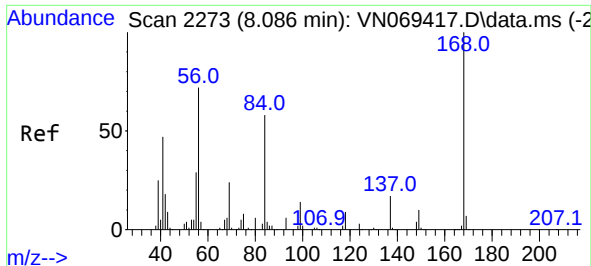
Instrument :
MSVOA_N
ClientSampleId :
MW-14

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/30/2021
Supervised By : Mahesh Dadoda 12/01/2021

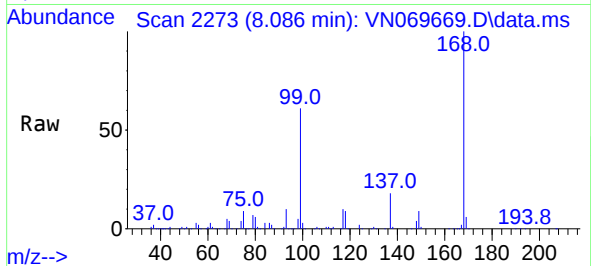
Quant Time: Nov 30 04:18:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

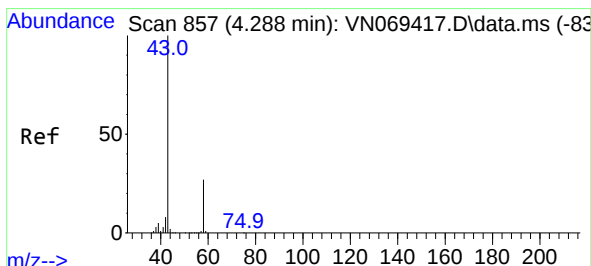
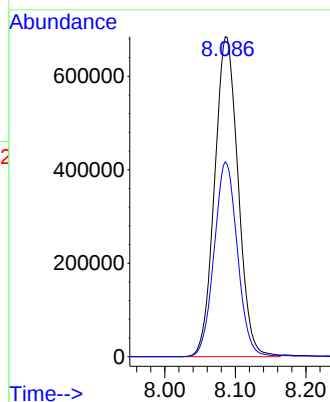
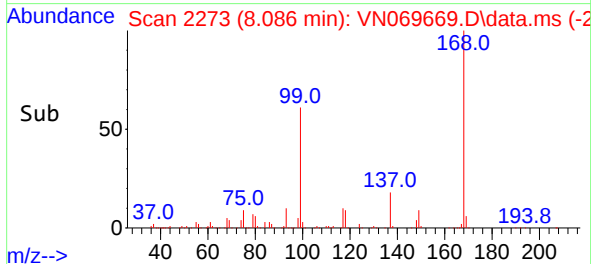
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:168 Resp: 158623
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

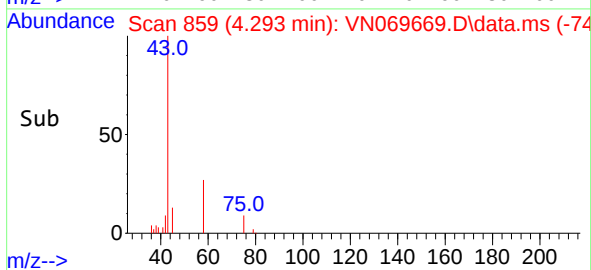
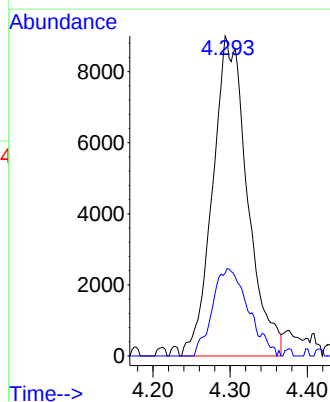
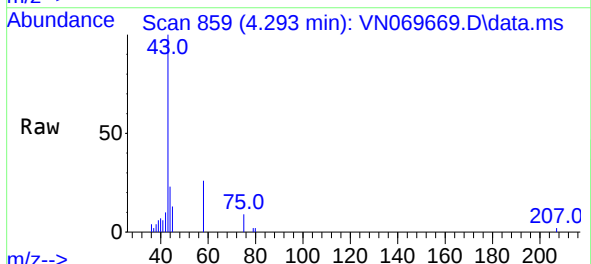
Manual Integrations
APPROVED

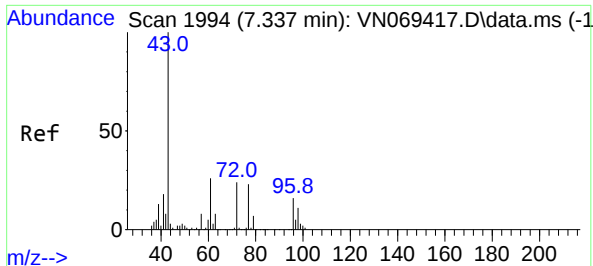
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#16
Acetone
Concen: 2.266 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

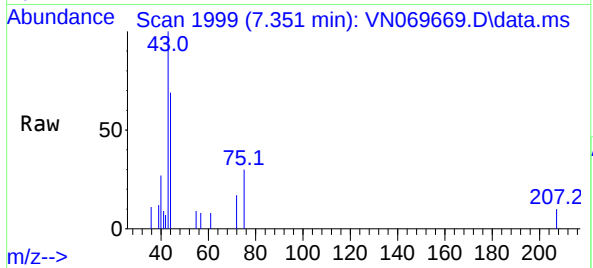
Tgt Ion: 43 Resp: 28121
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7





#25
2-Butanone
Concen: 0.507 ug/l m
RT: 7.351 min Scan# 1994
Delta R.T. 0.014 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

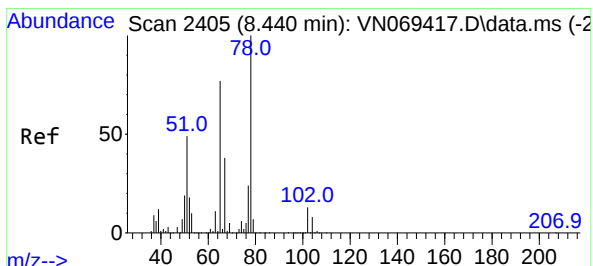
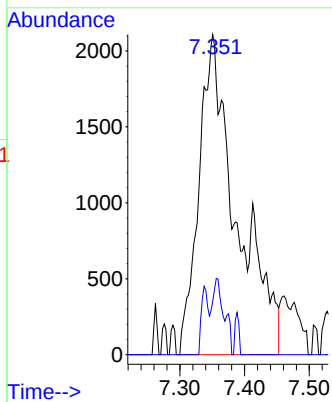
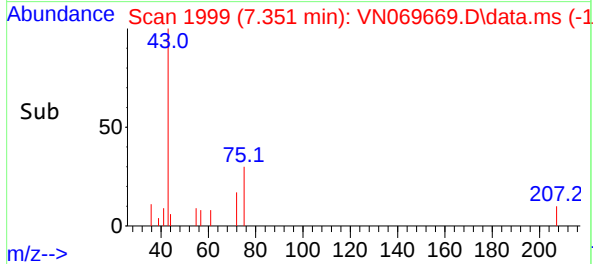
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
72 16.8 21.7 32.5

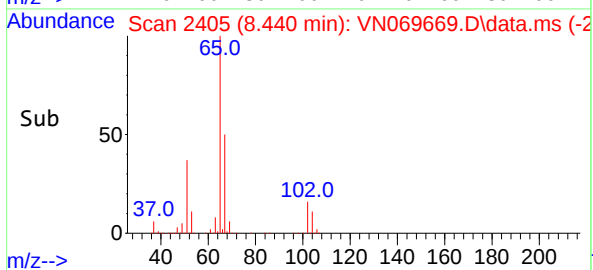
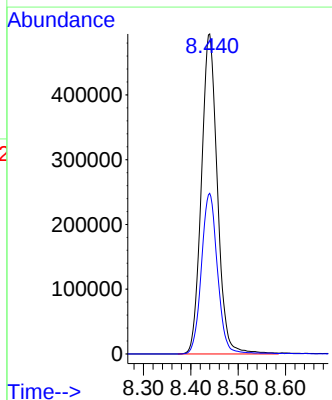
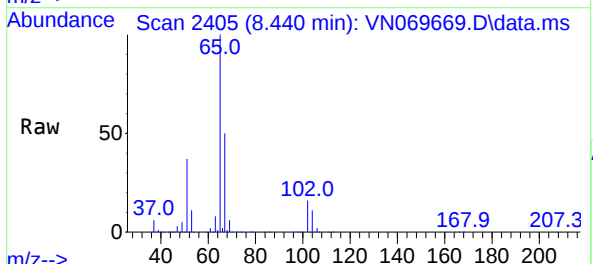
Manual Integrations
APPROVED

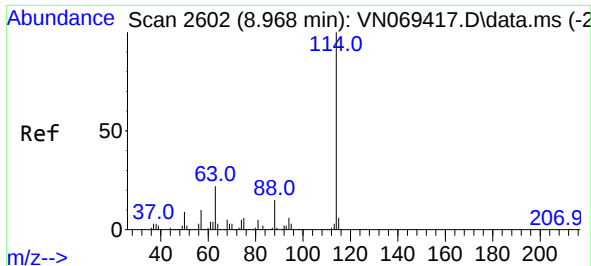
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#33
1,2-Dichloroethane-d4
Concen: 50.489 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

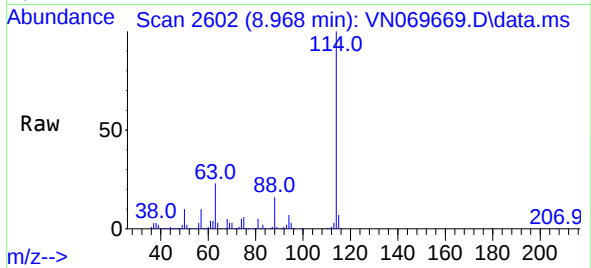
Tgt Ion: 65 Resp: 1161225
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

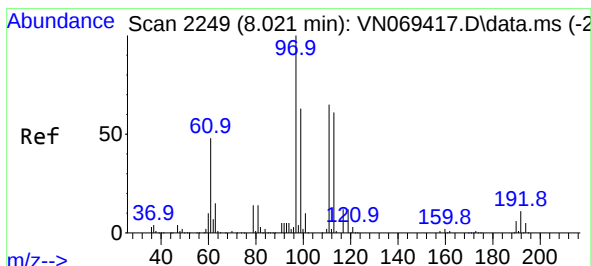
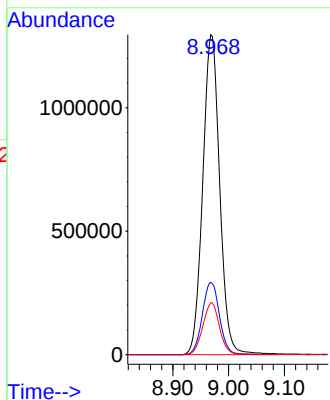
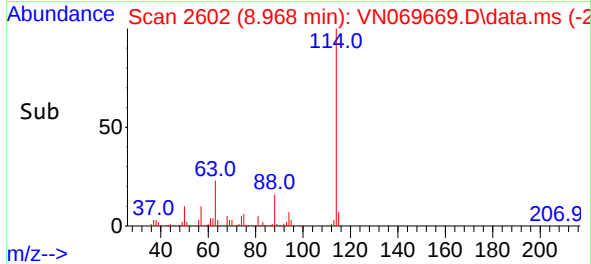
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:114 Resp: 273624
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 16.3 0.0 27.4

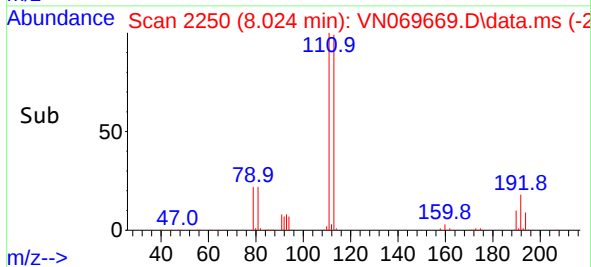
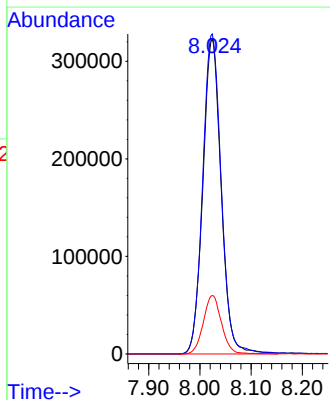
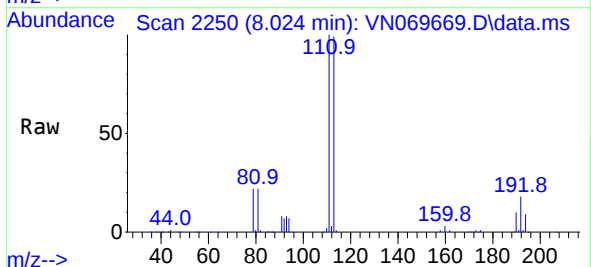
Manual Integrations
APPROVED

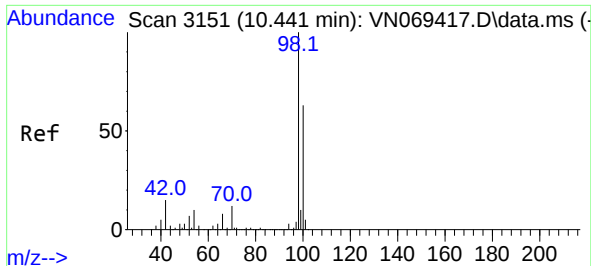
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#35
Dibromofluoromethane
Concen: 48.797 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

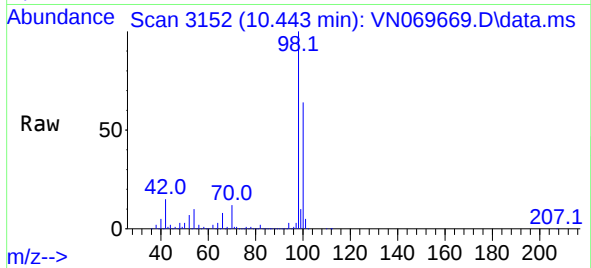
Tgt Ion:113 Resp: 800806
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.4 16.9 25.3





#50
Toluene-d8
Concen: 53.292 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

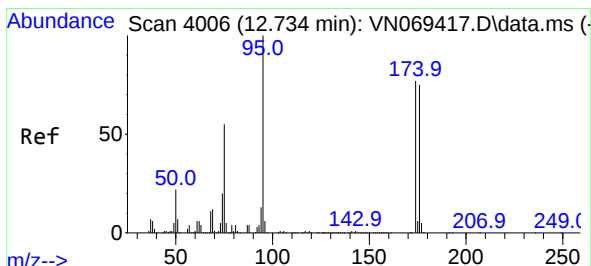
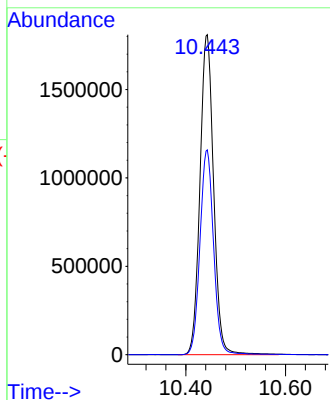
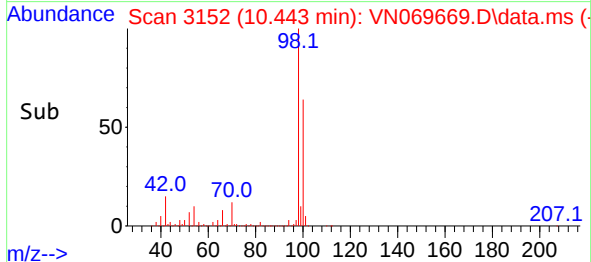
Instrument :
MSVOA_N
ClientSampleId :
MW-14



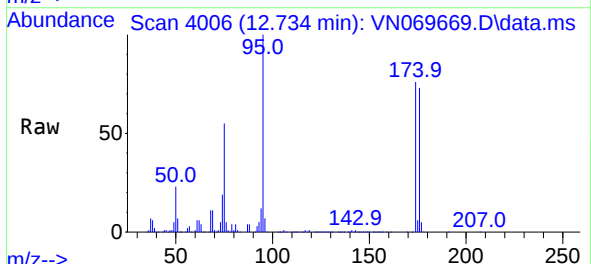
Tgt Ion: 98 Resp: 3439672
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

Manual Integrations
APPROVED

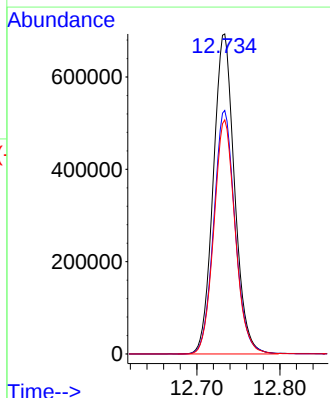
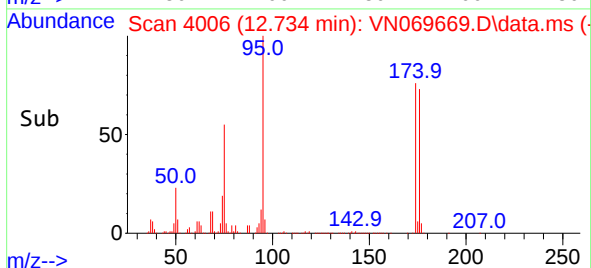
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

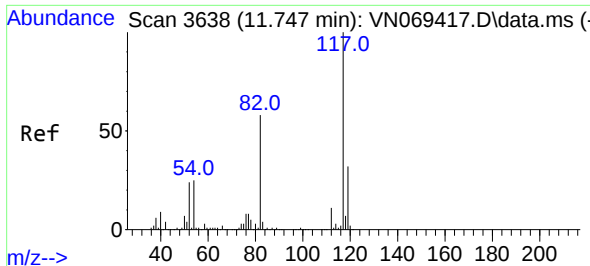


#62
4-Bromofluorobenzene
Concen: 52.009 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27



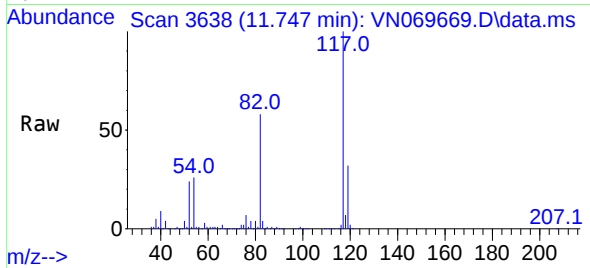
Tgt Ion: 95 Resp: 1233176
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

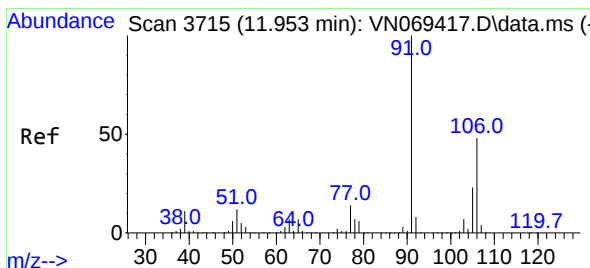
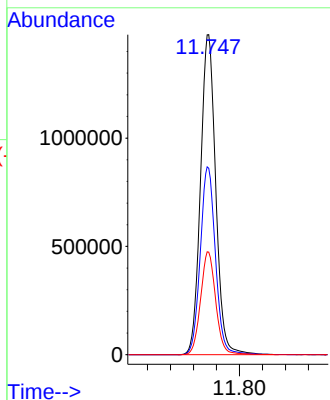
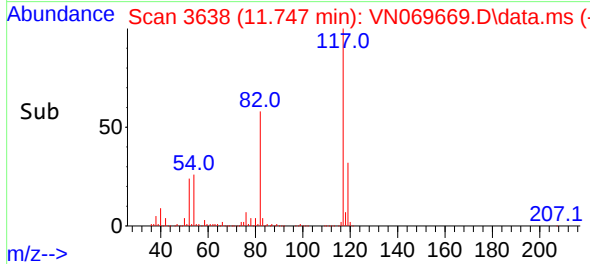
Instrument :
MSVOA_N
ClientSampleId :
MW-14



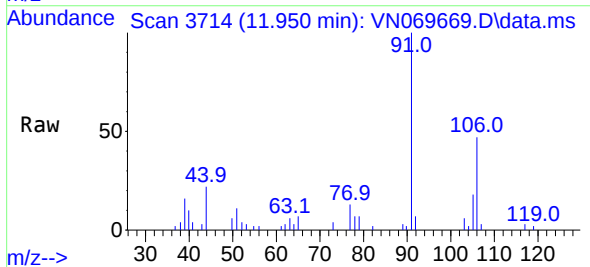
Tgt Ion:117 Resp: 271850
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
APPROVED

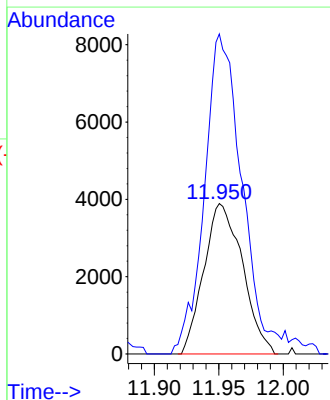
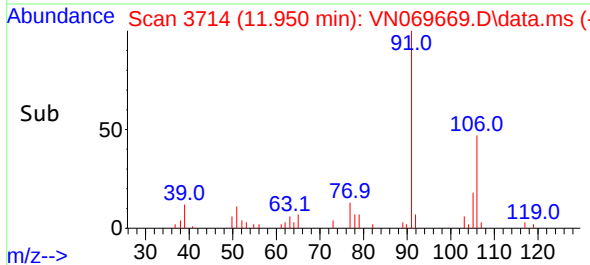
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

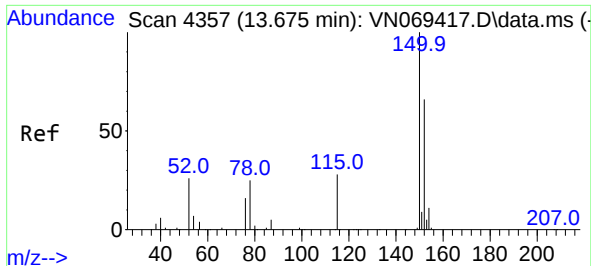


#68
m/p-Xylenes
Concen: 0.236 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27



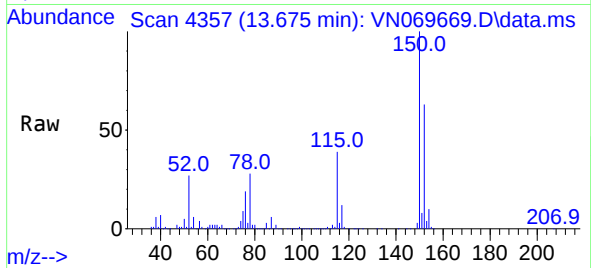
Tgt Ion:106 Resp: 8111
Ion Ratio Lower Upper
106 100
91 205.6 160.6 240.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

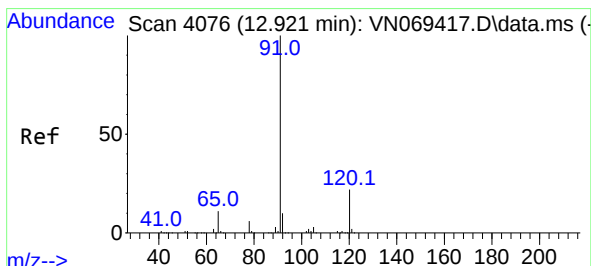
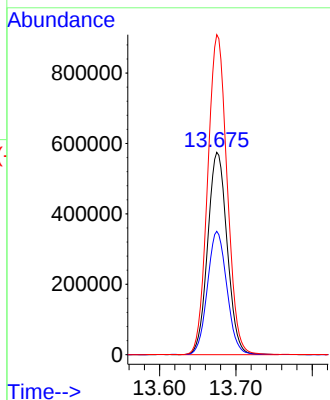
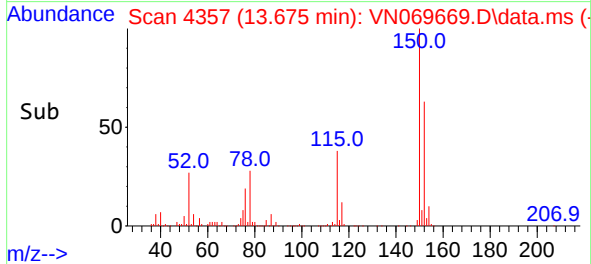
Instrument :
MSVOA_N
ClientSampleId :
MW-14



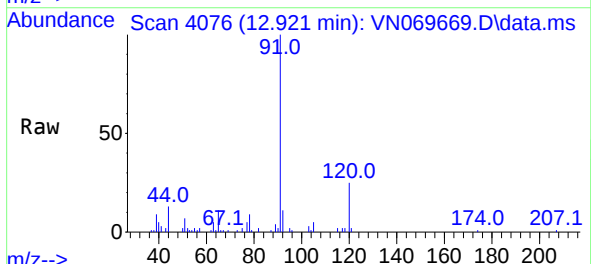
Tgt Ion:152 Resp: 101992
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 157.7 0.0 344.4

Manual Integrations
APPROVED

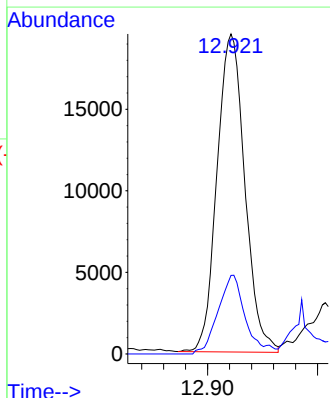
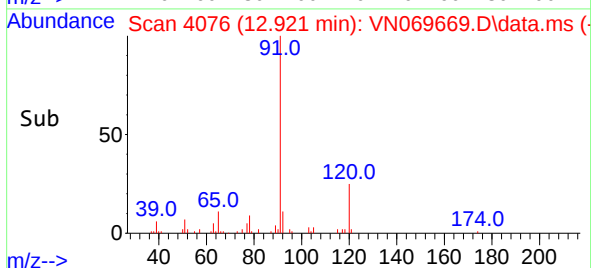
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

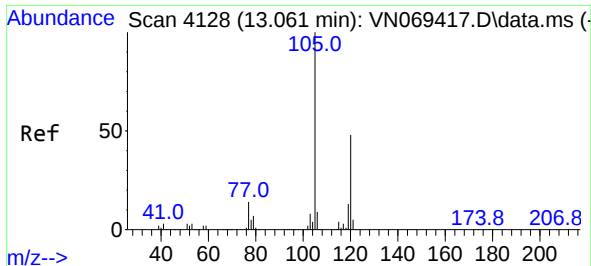


#78
n-propylbenzene
Concen: 0.375 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27



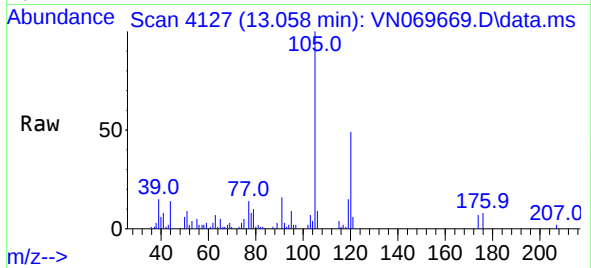
Tgt Ion: 91 Resp: 34240
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.9





#80
1,3,5-Trimethylbenzene
Concen: 0.515 ug/l
RT: 13.058 min Scan# 4128
Delta R.T. -0.003 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

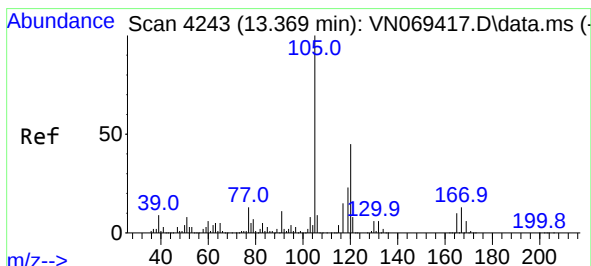
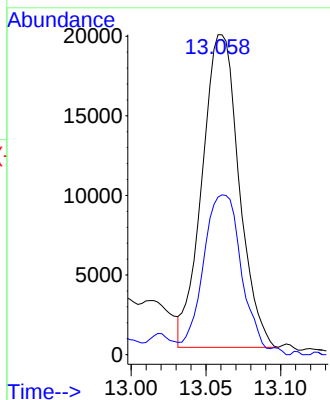
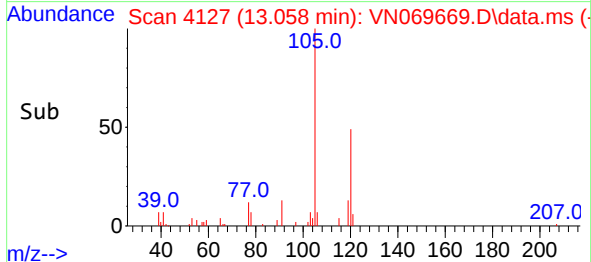
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:105 Resp: 3379
Ion Ratio Lower Upper
105 100
120 53.6 24.6 73.6

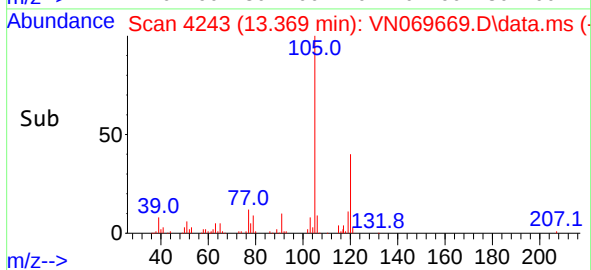
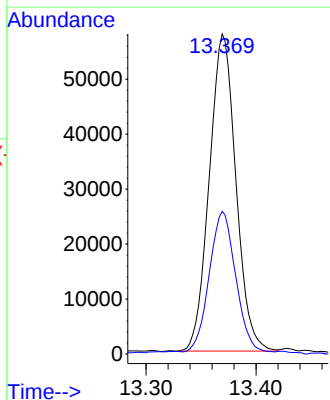
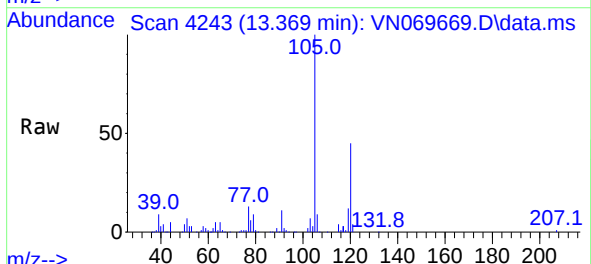
Manual Integrations
APPROVED

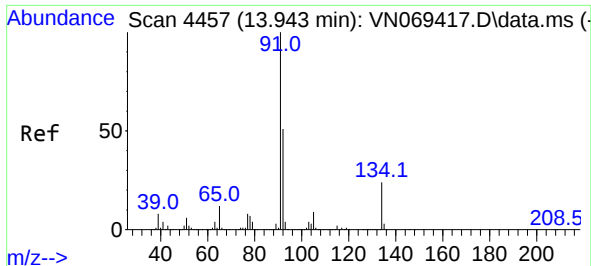
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#84
1,2,4-Trimethylbenzene
Concen: 1.530 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

Tgt Ion:105 Resp: 96937
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4





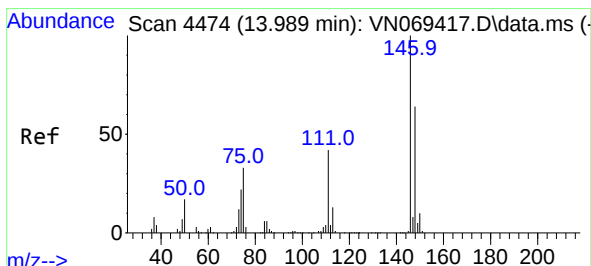
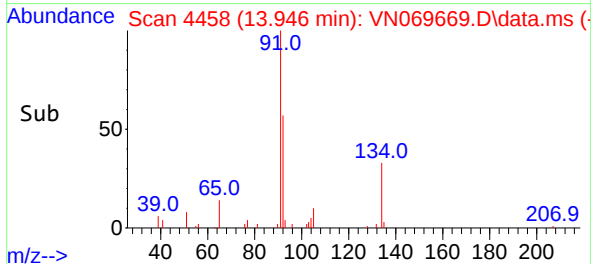
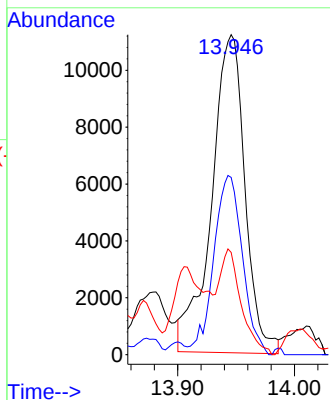
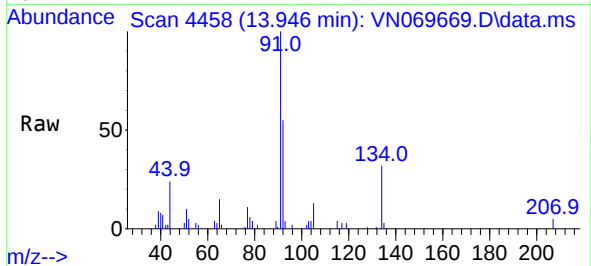
#89
n-Butylbenzene
Concen: 0.417 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion: 91 Resp: 22209
Ion Ratio Lower Upper
91 100
92 48.6 25.4 76.0
134 21.1 13.6 40.8

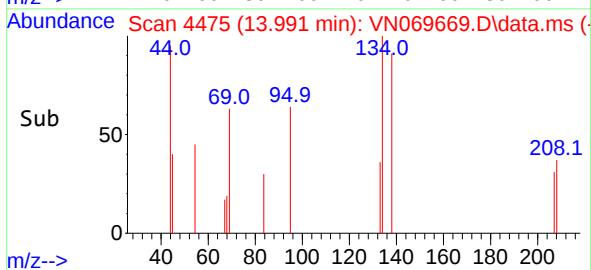
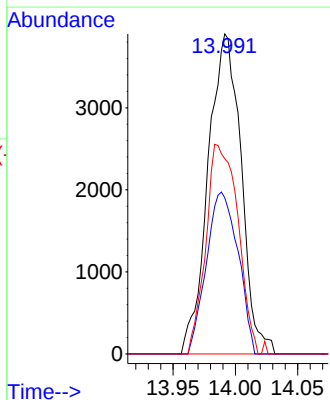
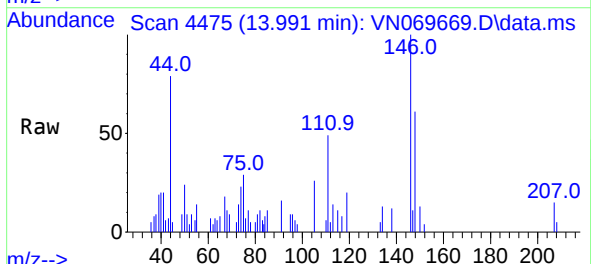
Manual Integrations
APPROVED

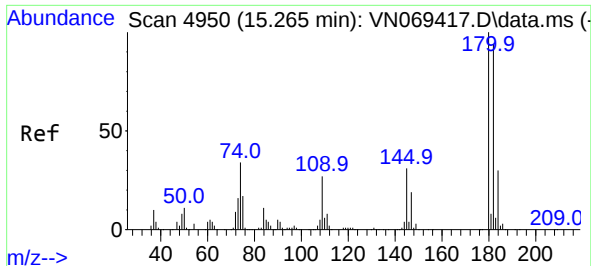
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021



#91
1,2-Dichlorobenzene
Concen: 0.234 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

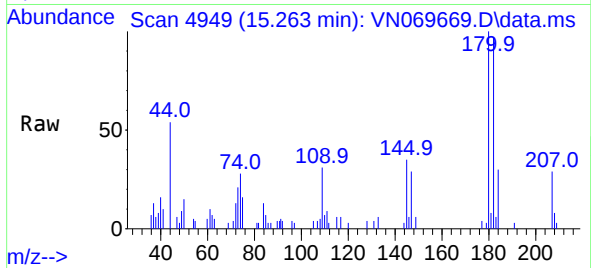
Tgt Ion:146 Resp: 7183
Ion Ratio Lower Upper
146 100
111 48.4 19.1 57.3
148 63.4 32.1 96.3





#93
1,2,4-Trichlorobenzene
Concen: 3.784 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27

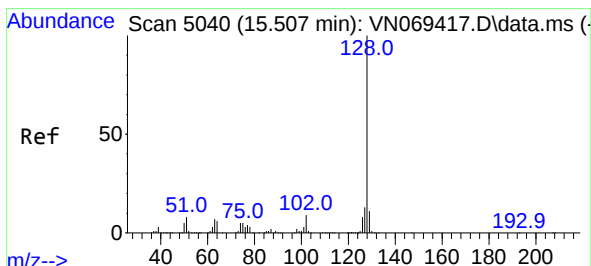
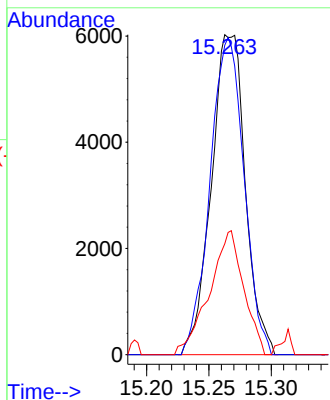
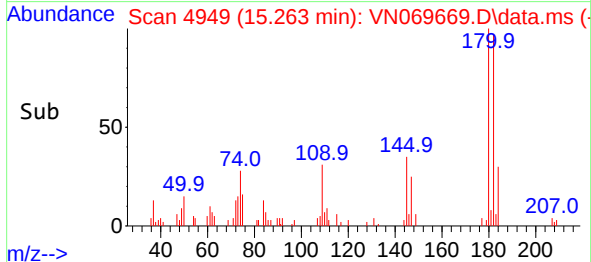
Instrument :
MSVOA_N
ClientSampleId :
MW-14



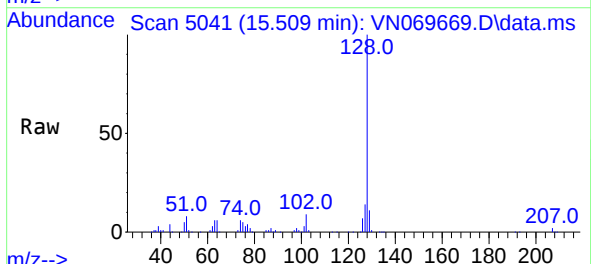
Tgt Ion:180 Resp: 11474
Ion Ratio Lower Upper
180 100
182 98.7 48.3 144.9
145 38.9 14.5 43.5

Manual Integrations
APPROVED

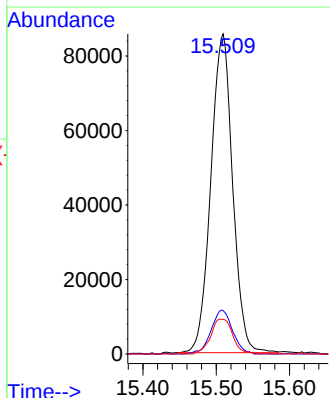
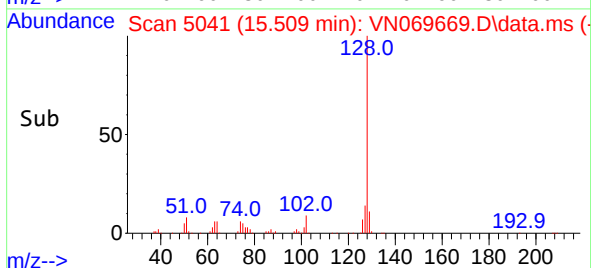
Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 12/01/2021

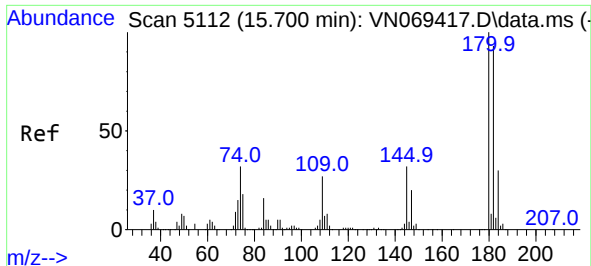


#95
Naphthalene
Concen: 8.007 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069669.D
Acq: 29 Nov 2021 17:27



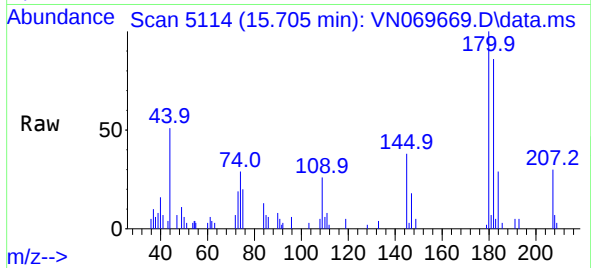
Tgt Ion:128 Resp: 176729
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.025 ug/l
 RT: 15.705 min Scan# 5112
 Delta R.T. 0.005 min
 Lab File: VN069669.D
 Acq: 29 Nov 2021 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14



Tgt Ion:180 Resp: 1402
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.4 142.2
 145 37.6 15.0 45.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

