

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069516.D
 Acq On : 16 Nov 2021 18:32
 Operator : JC/MD
 Sample : M4714-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 01:58:05 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	8.088	168	1407076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2465455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2455351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	915146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1034728	50.717	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.440%			
35) Dibromofluoromethane	8.024	113	711468	48.115	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.240%			
50) Toluene-d8	10.443	98	3140910	54.008	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.733	95	1099948	51.485	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.980%			
Target Compounds						Qvalue
93) 1,2,4-Trichlorobenzene	15.265	180	2710	3.290	ug/l #	80
95) Naphthalene	15.509	128	11571	4.711	ug/l	95
96) 1,2,3-Trichlorobenzene	15.705	180	2938m	3.369	ug/l	

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

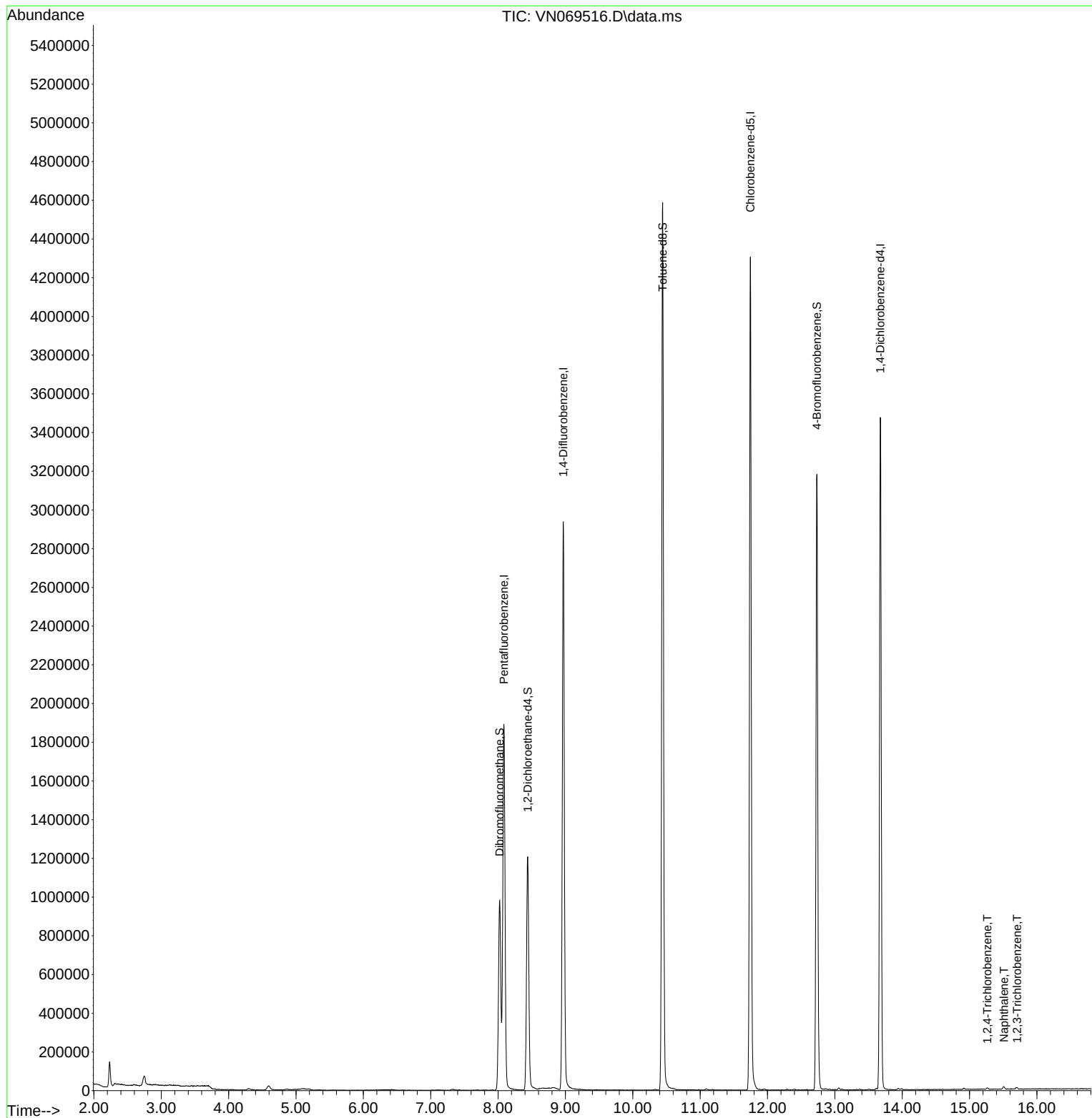
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
Data File : VN069516.D
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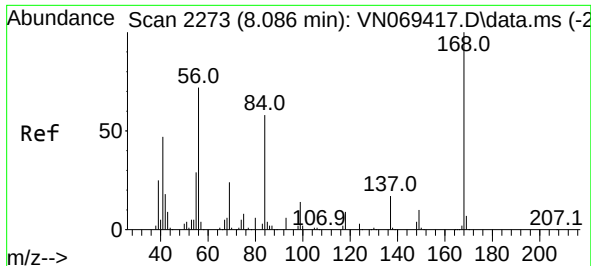
Instrument :
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ClientSampleId :
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Quant Time: Nov 17 01:58:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
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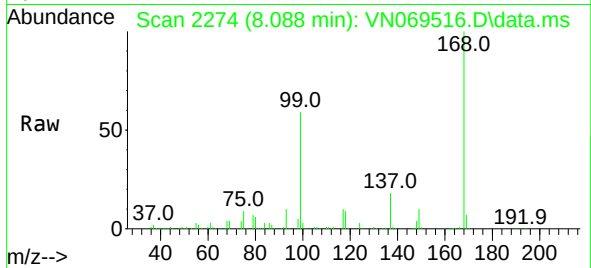
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2273
Delta R.T. 0.002 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32

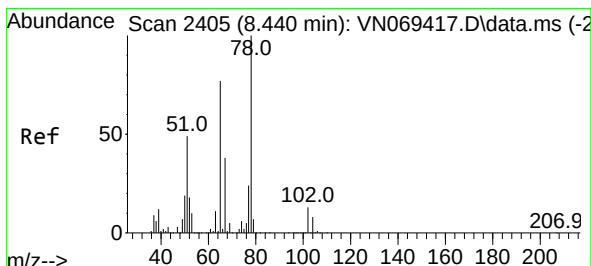
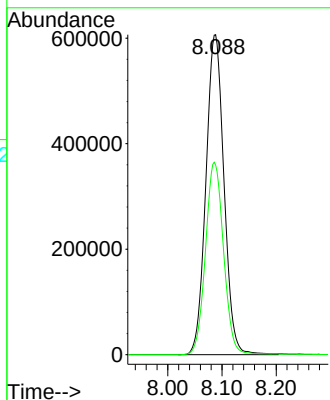
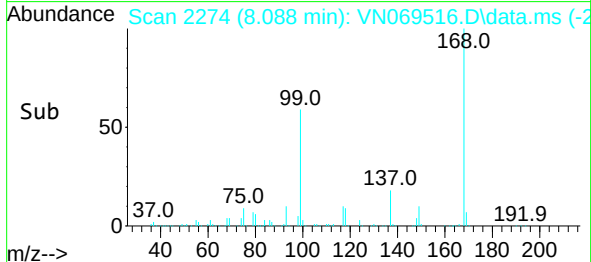
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK



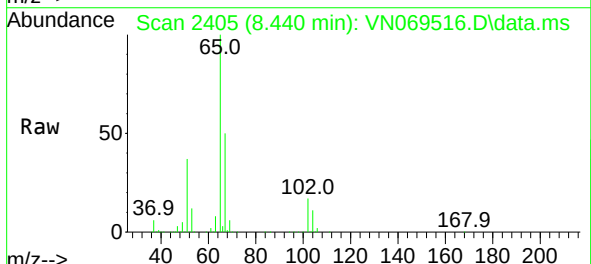
Tgt Ion: 168 Resp: 1407070
Ion Ratio Lower Upper
168 100
99 59.3 41.3 61.9

Manual Integrations
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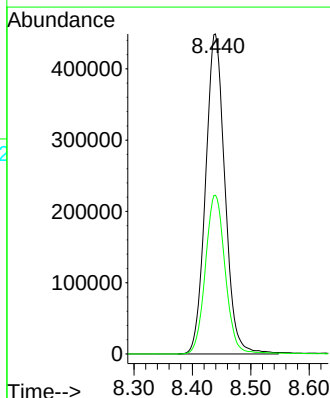
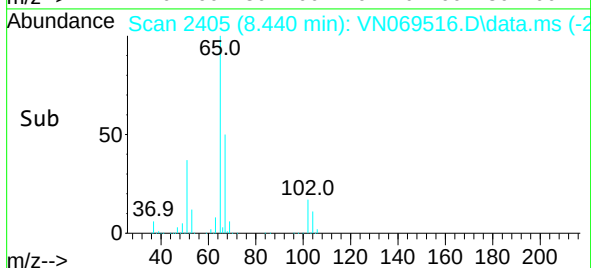
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

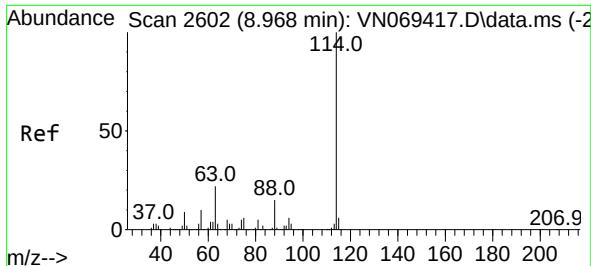


#33
1,2-Dichloroethane-d4
Concen: 50.717 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32



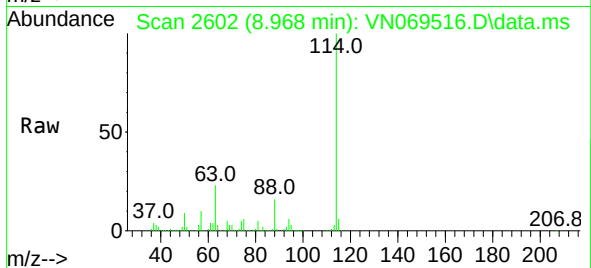
Tgt Ion: 65 Resp: 1034728
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32

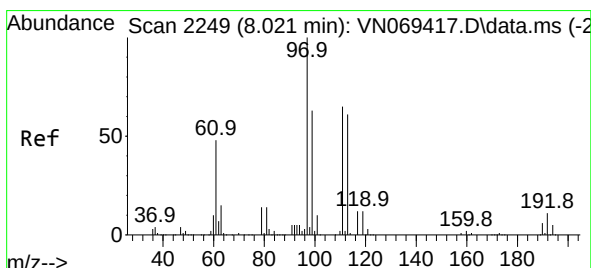
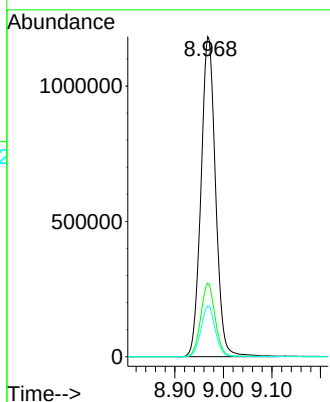
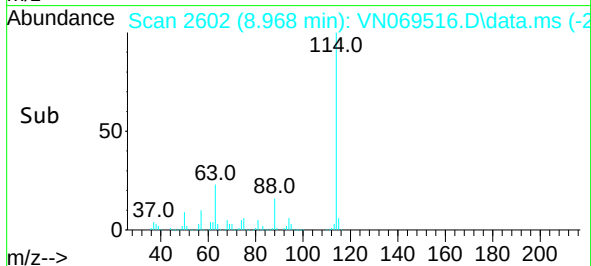
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:114 Resp: 246545
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 15.9 0.0 27.4

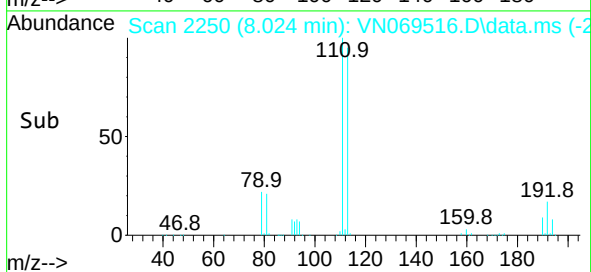
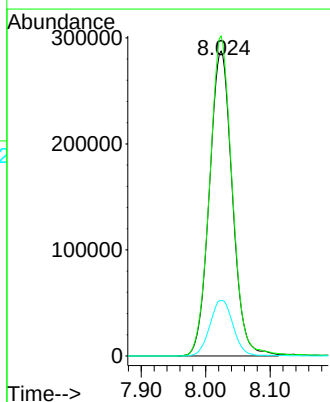
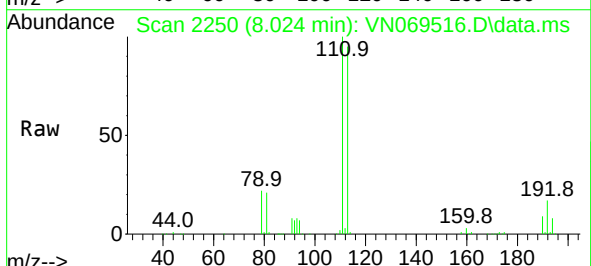
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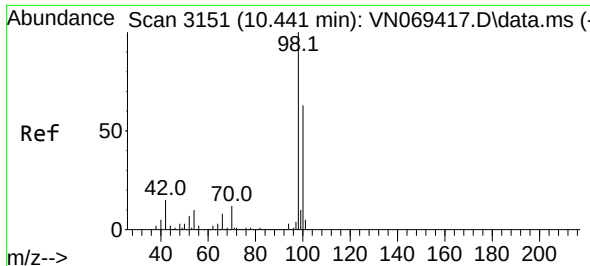
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#35
Dibromofluoromethane
Concen: 48.115 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32

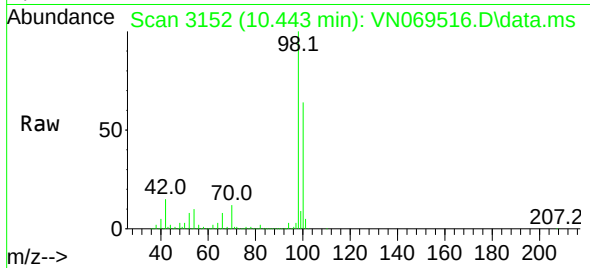
Tgt Ion:113 Resp: 711468
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.4 16.9 25.3





#50
Toluene-d8
Concen: 54.008 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32

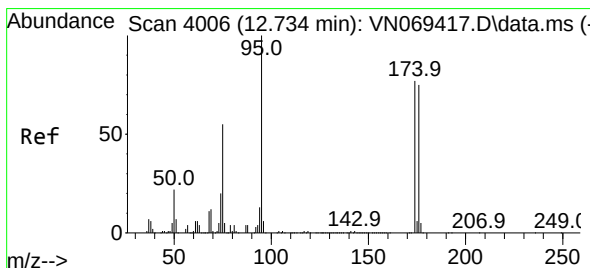
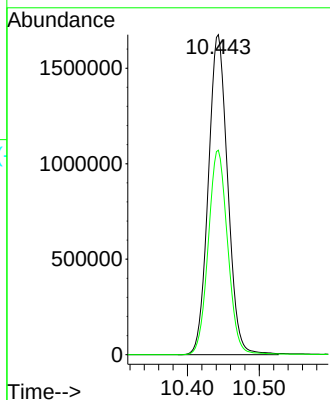
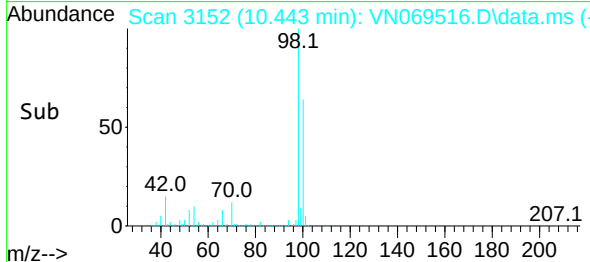
Instrument :
MSVOA_N
ClientSampleId :
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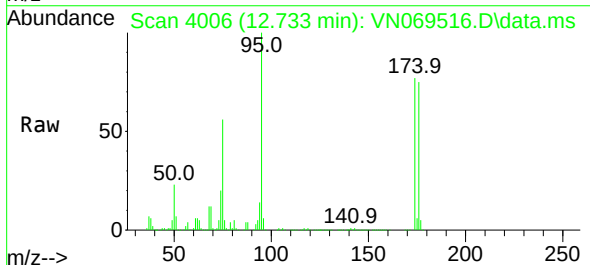
Tgt Ion: 98 Resp: 3140910
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

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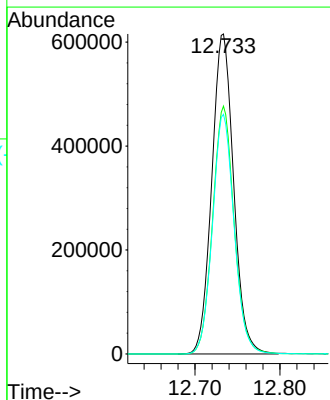
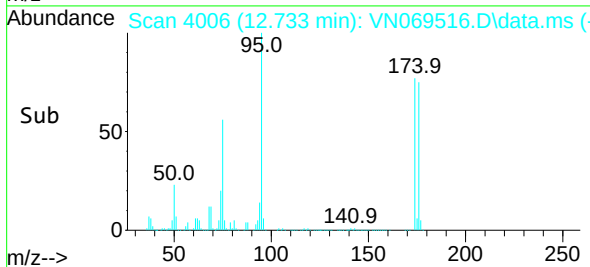
Reviewed By :John Carlone 11/17/2021
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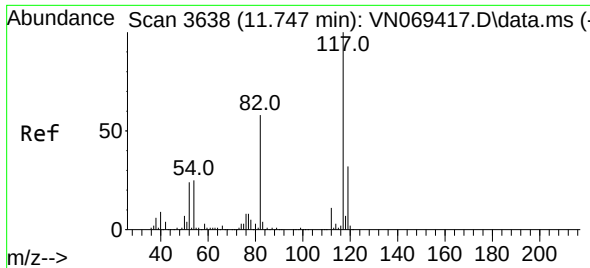


#62
4-Bromofluorobenzene
Concen: 51.485 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32



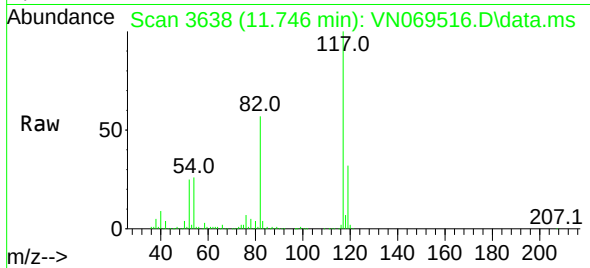
Tgt Ion: 95 Resp: 1099948
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 74.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32

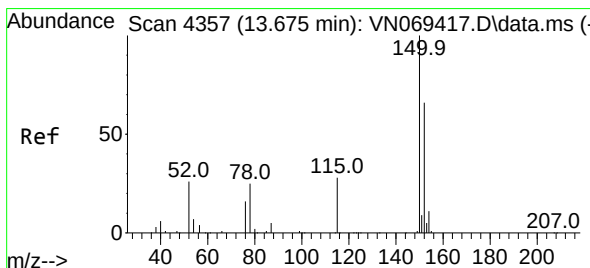
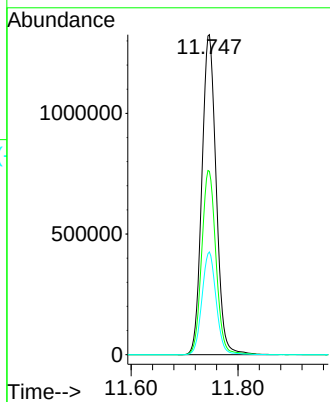
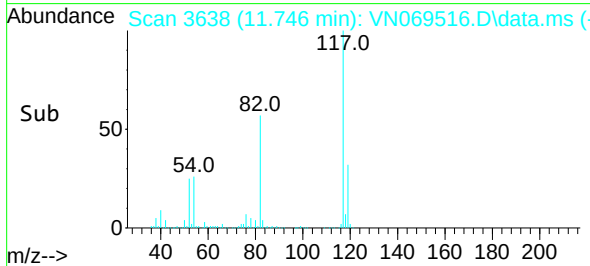
Instrument :
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ClientSampleId :
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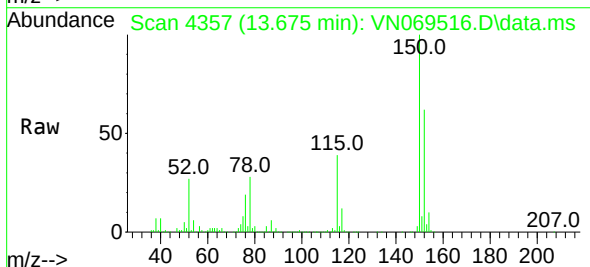
Tgt Ion:117 Resp: 245535
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.1 25.4 38.2

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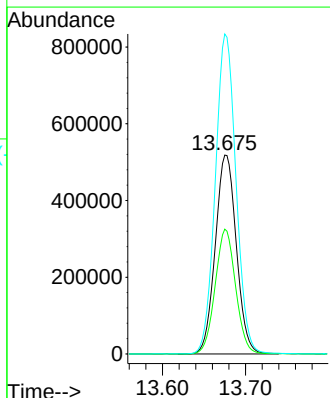
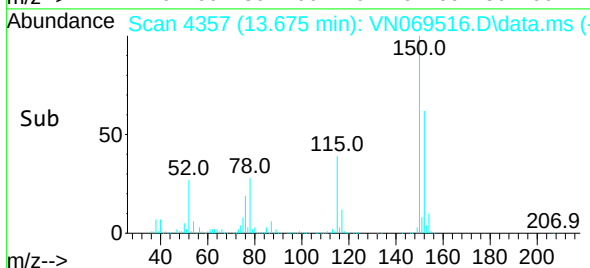
Reviewed By :John Carlone 11/17/2021
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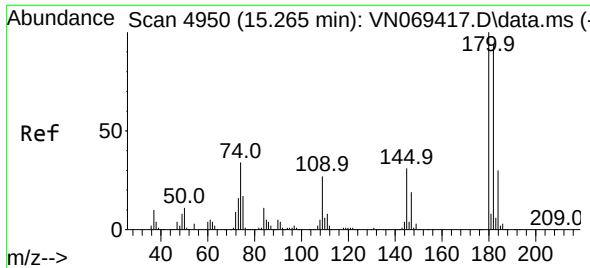


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32



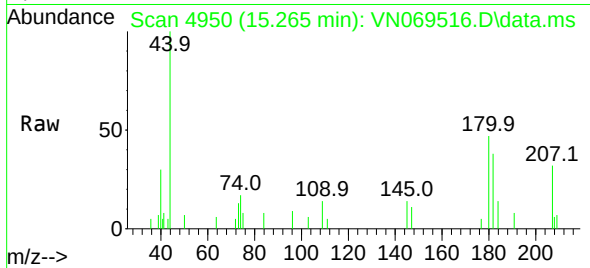
Tgt Ion:152 Resp: 915146
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 158.0 0.0 344.4





#93
1,2,4-Trichlorobenzene
Concen: 3.290 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32

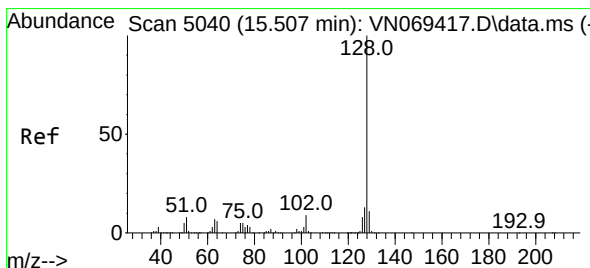
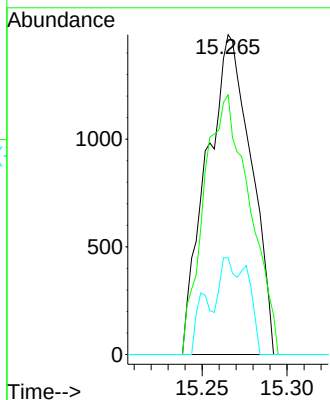
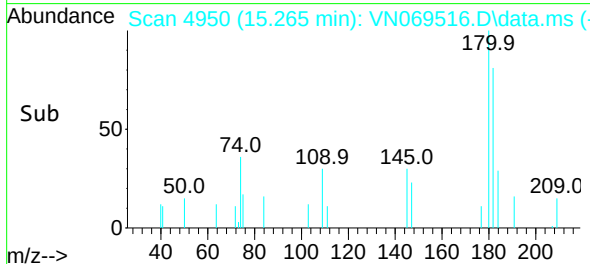
Instrument :
MSVOA_N
ClientSampleId :
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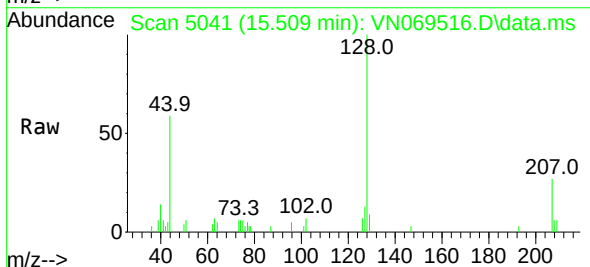
Tgt Ion:180 Resp: 2710
Ion Ratio Lower Upper
180 100
182 83.5 48.3 144.9
145 5.7 14.5 43.5

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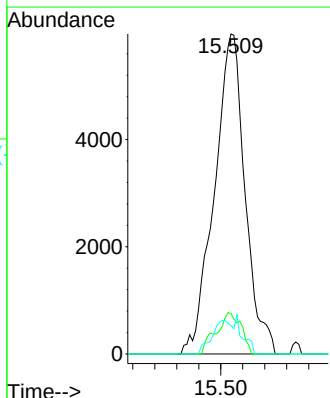
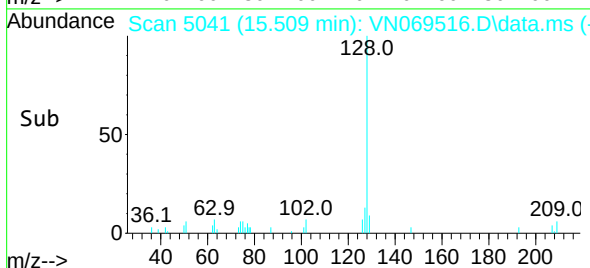
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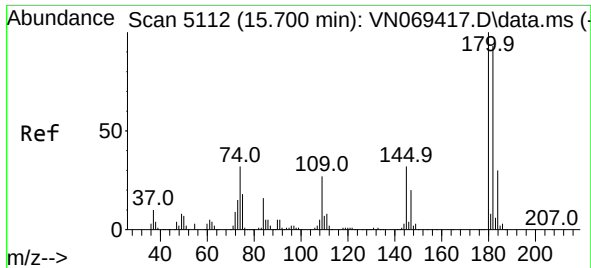


#95
Naphthalene
Concen: 4.711 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069516.D
Acq: 16 Nov 2021 18:32



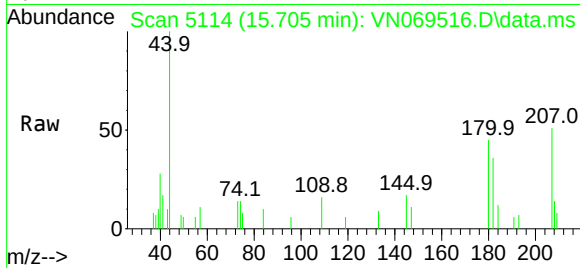
Tgt Ion:128 Resp: 11571
Ion Ratio Lower Upper
128 100
127 10.5 10.5 15.7
129 10.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.369 ug/l m
 RT: 15.705 min Scan# 51
 Delta R.T. 0.005 min
 Lab File: VN069516.D
 Acq: 16 Nov 2021 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:180 Resp: 2938
 Ion Ratio Lower Upper
 180 100
 182 52.3 47.4 142.2
 145 23.8 15.0 45.1

Manual Integrations
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