

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069858.D
 Acq On : 8 Dec 2021 13:56
 Operator : JC/MD
 Sample : M4957-03DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D1-20211206DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 09 11:38:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

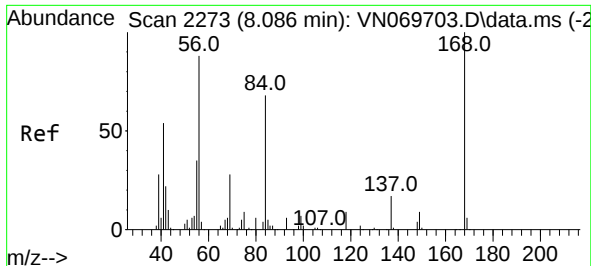
Internal Standards						
1) Pentafluorobenzene	8.088	168	1333067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2400579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2579177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	991992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1038003	50.431	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.860%			
35) Dibromofluoromethane	8.021	113	715188	47.563	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.120%			
50) Toluene-d8	10.443	98	3114734	51.588	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.731	95	1227632	56.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.240%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.213	101	45790	3.475	ug/l	95
12) 1,1-Dichloroethene	4.186	96	7564	0.596	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	10754m	0.645	ug/l	
30) Chloroform	7.817	83	8772	0.300	ug/l	100
38) Carbon Tetrachloride	8.209	117	6657m	0.297	ug/l	
44) Trichloroethene	9.217	130	892288	53.519	ug/l	91

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

Manual Integrations APPROVED

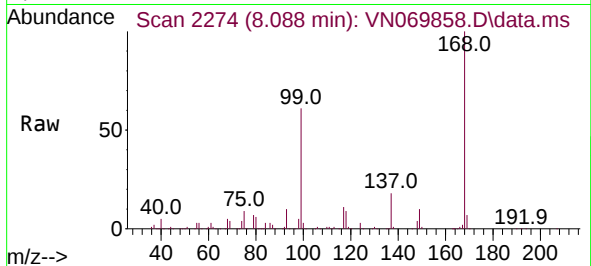
Quant Time: Dec 09 11:38:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

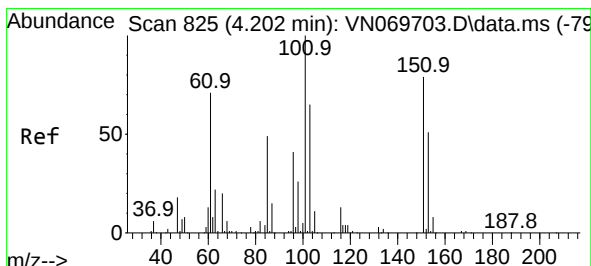
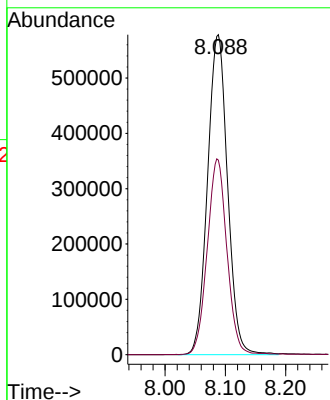
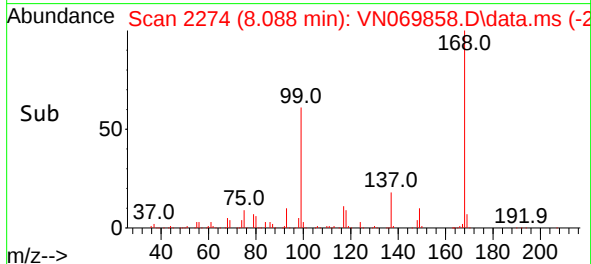
Instrument :
MSVOA_N
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RE114D1-20211206DL



Tgt Ion:168 Resp: 133306
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9

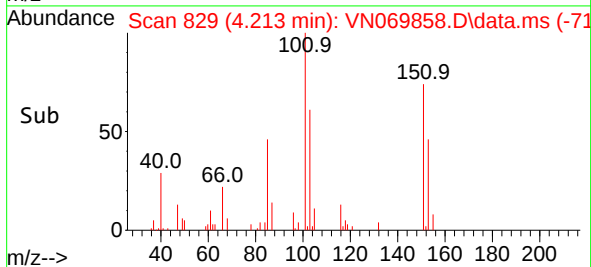
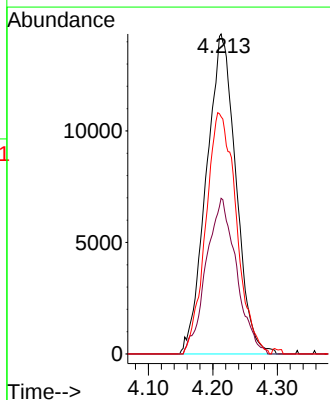
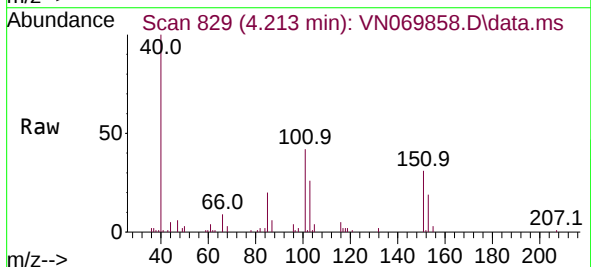
Manual Integrations
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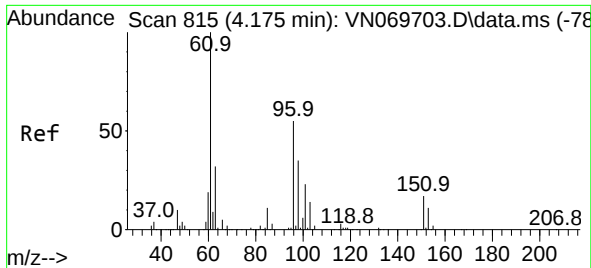
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.475 ug/l
RT: 4.213 min Scan# 829
Delta R.T. 0.011 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

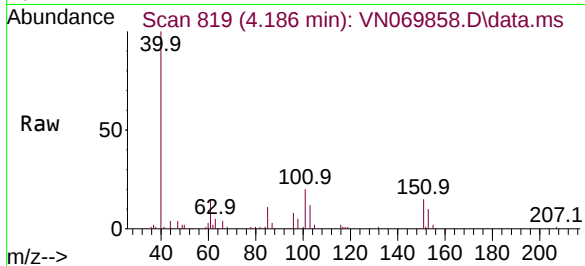
Tgt Ion:101 Resp: 45790
Ion Ratio Lower Upper
101 100
85 49.5 37.2 55.8
151 77.5 65.9 98.9





#12
 1,1-Dichloroethene
 Concen: 0.596 ug/l
 RT: 4.186 min Scan# 815
 Delta R.T. 0.011 min
 Lab File: VN069858.D
 Acq: 8 Dec 2021 13:56

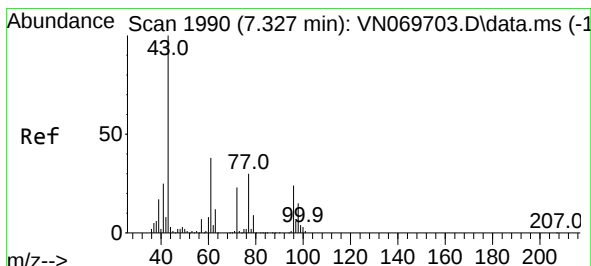
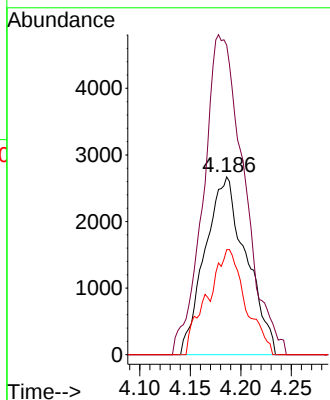
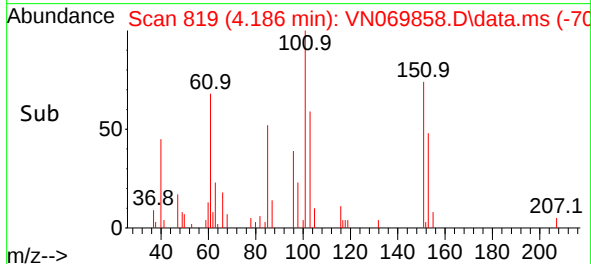
Instrument :
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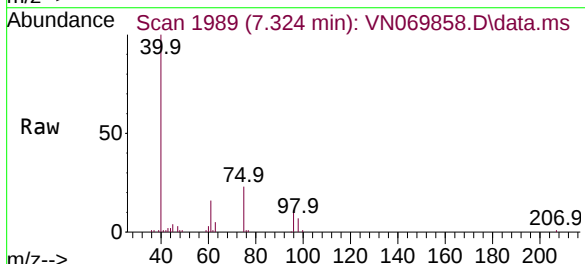
Tgt Ion: 96 Resp: 7564
 Ion Ratio Lower Upper
 96 100
 61 166.0 131.0 196.6
 98 59.0 52.4 78.6

Manual Integrations
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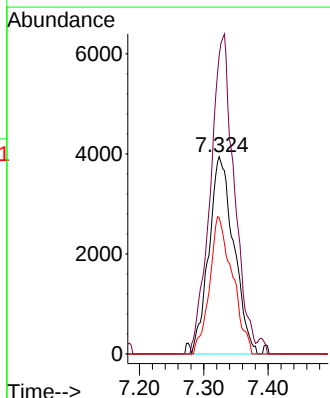
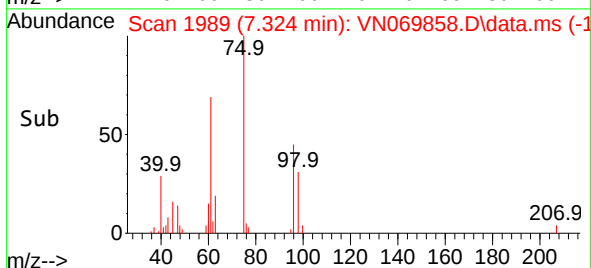
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/21/2021

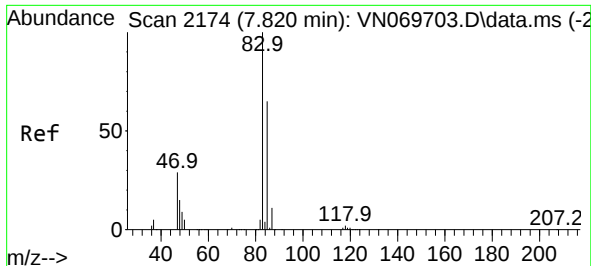


#27
 cis-1,2-Dichloroethene
 Concen: 0.645 ug/l m
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN069858.D
 Acq: 8 Dec 2021 13:56



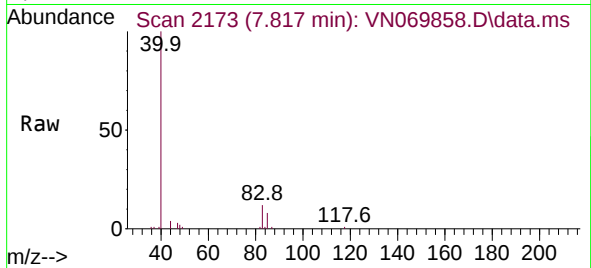
Tgt Ion: 96 Resp: 10754
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 275.0
 98 0.0 0.0 129.6





#30
Chloroform
Concen: 0.300 ug/l
RT: 7.817 min Scan# 2174
Delta R.T. -0.003 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

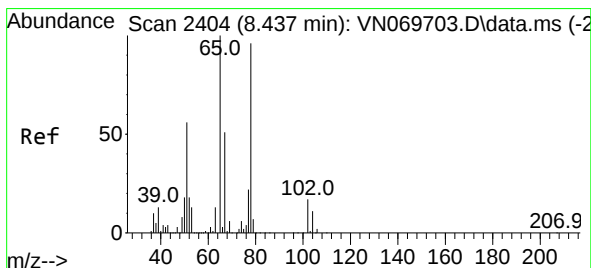
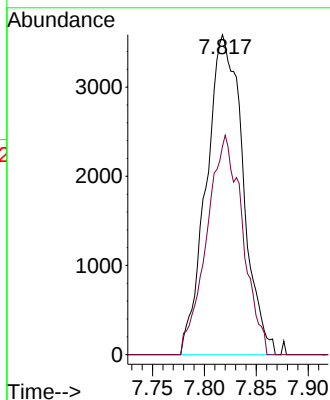
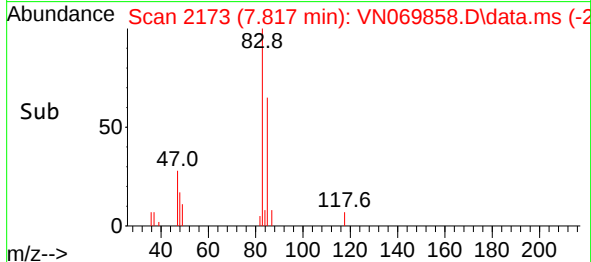
Instrument :
MSVOA_N
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Tgt Ion: 83 Resp: 877
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9

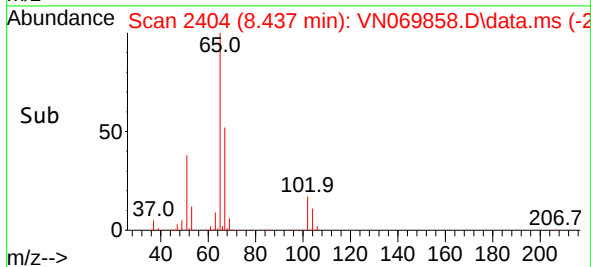
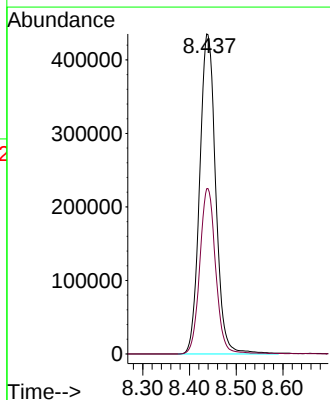
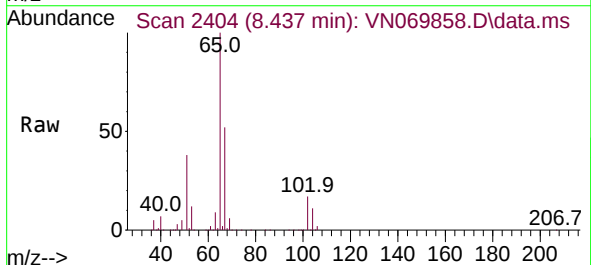
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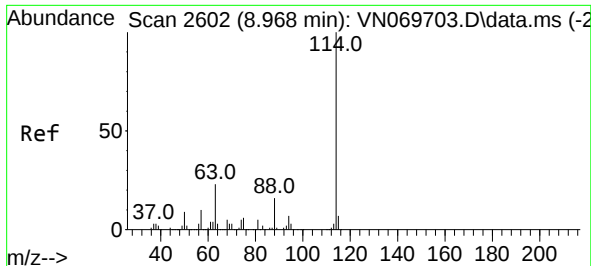
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#33
1,2-Dichloroethane-d4
Concen: 50.431 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

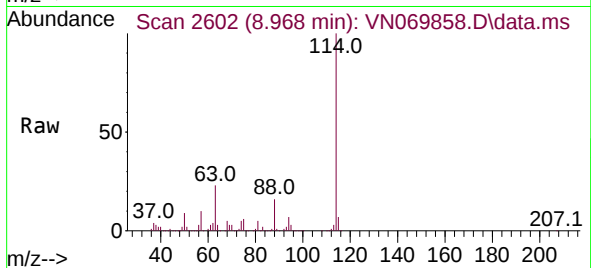
Tgt Ion: 65 Resp: 1038003
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

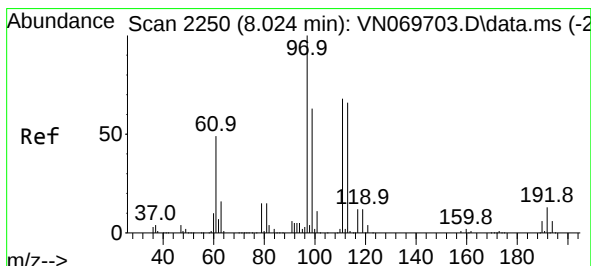
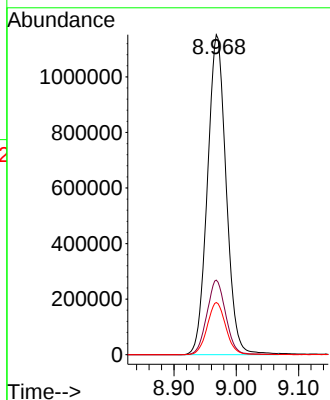
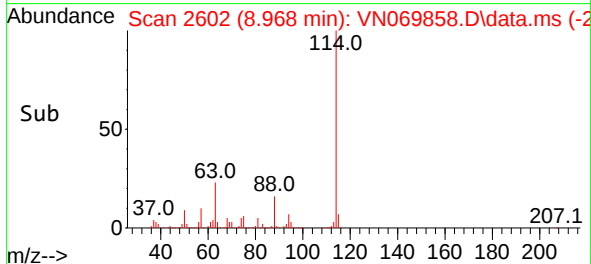
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Tgt Ion:114 Resp: 2400579
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.3 0.0 27.4

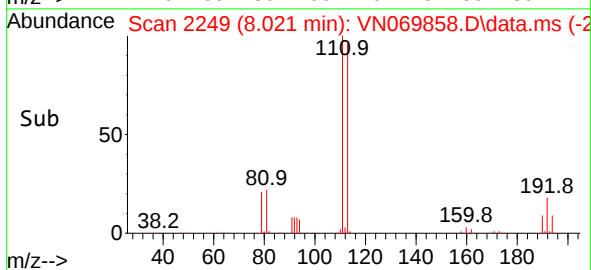
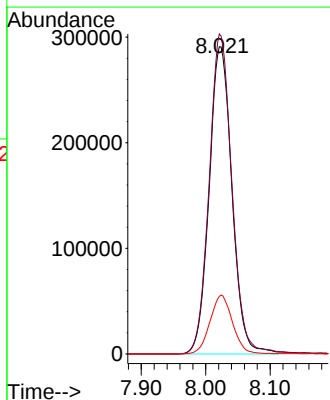
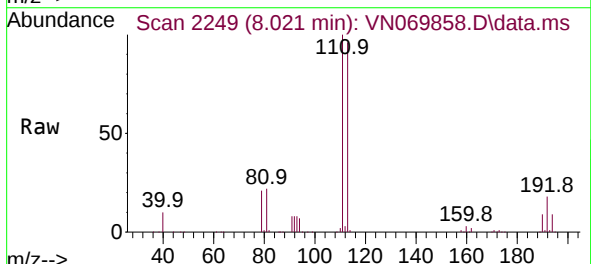
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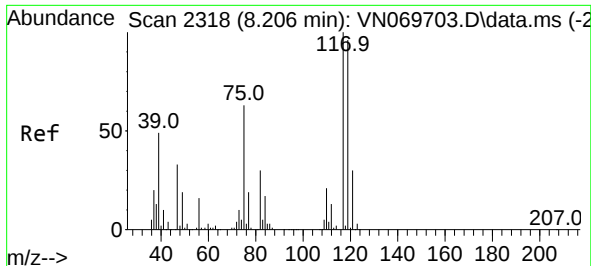
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#35
Dibromofluoromethane
Concen: 47.563 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

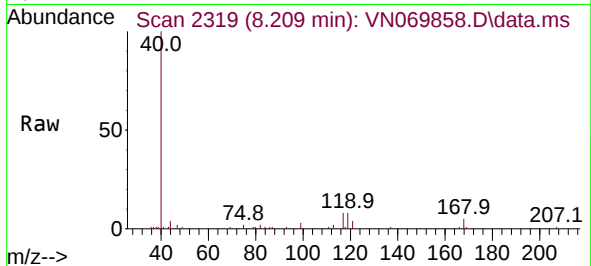
Tgt Ion:113 Resp: 715188
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 19.0 16.9 25.3





#38
Carbon Tetrachloride
Concen: 0.297 ug/l m
RT: 8.209 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

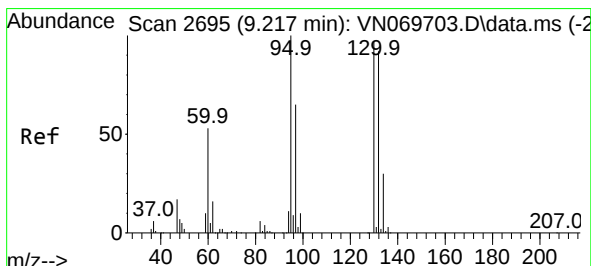
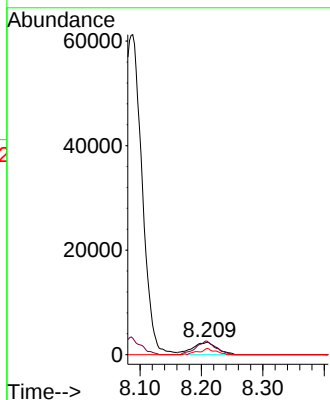
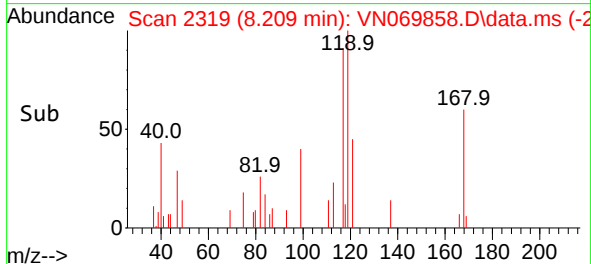
Instrument :
MSVOA_N
ClientSampleId :
RE114D1-20211206DL



Tgt Ion:117 Resp: 665
Ion Ratio Lower Upper
117 100
119 109.7 76.1 114.1
121 49.9 24.2 36.2

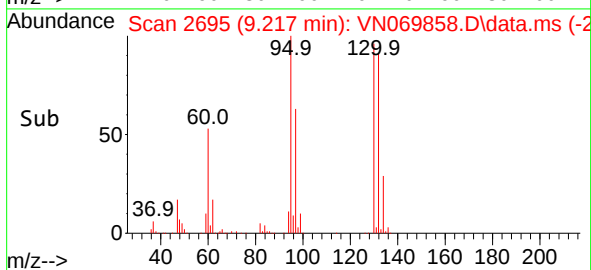
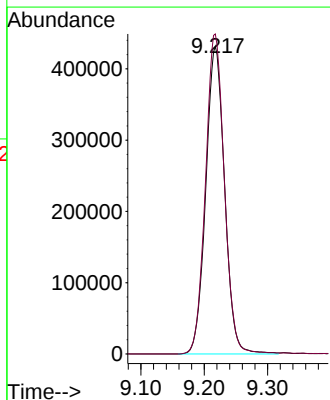
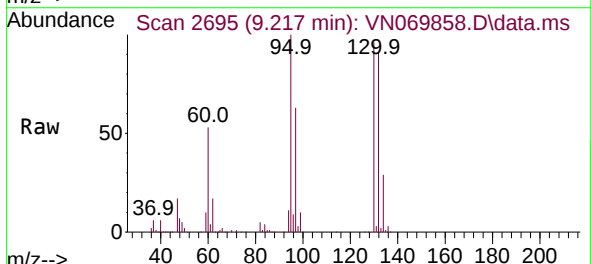
Manual Integrations
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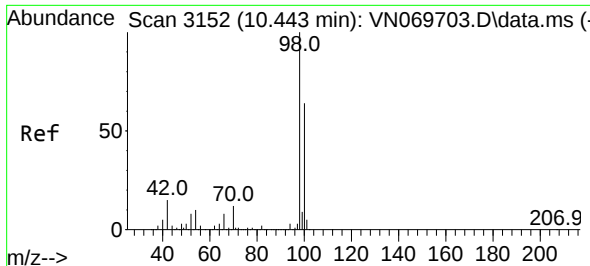
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 53.519 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

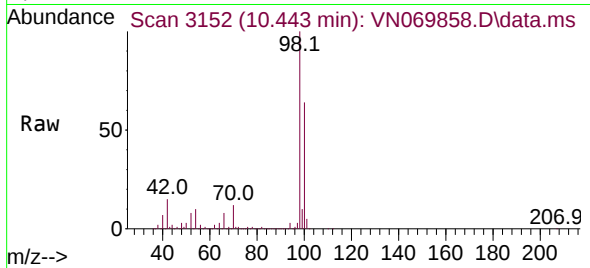
Tgt Ion:130 Resp: 892288
Ion Ratio Lower Upper
130 100
95 104.0 0.0 191.2





#50
Toluene-d8
Concen: 51.588 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

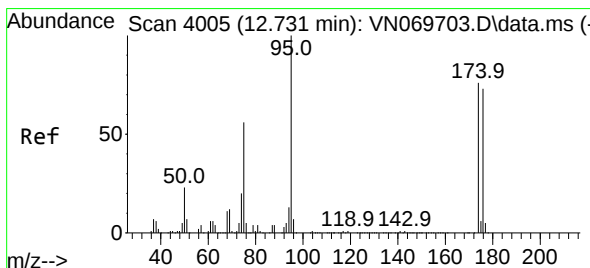
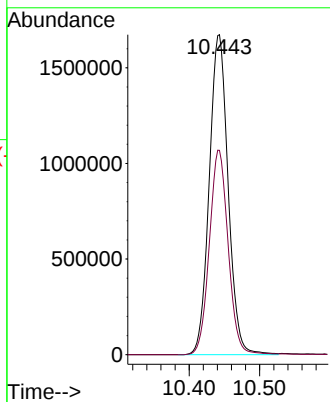
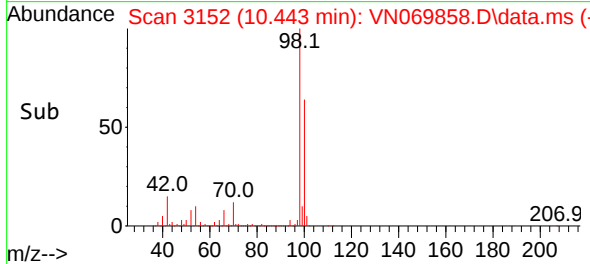
Instrument :
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Tgt Ion: 98 Resp: 3114734
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6

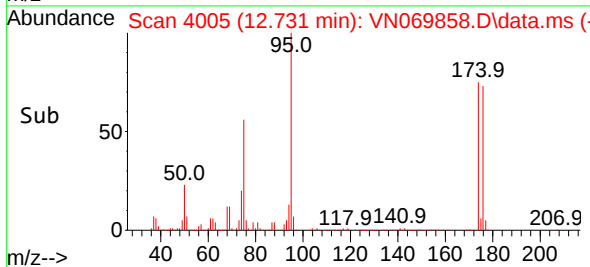
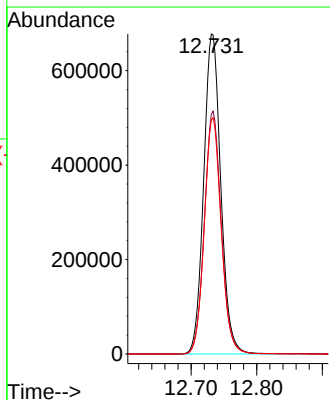
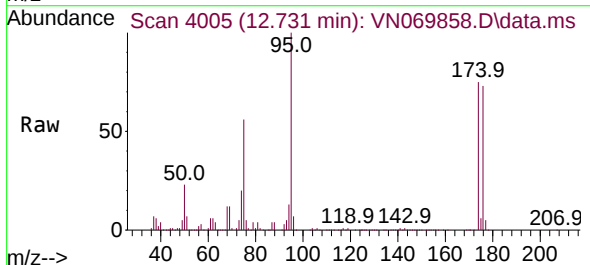
Manual Integrations
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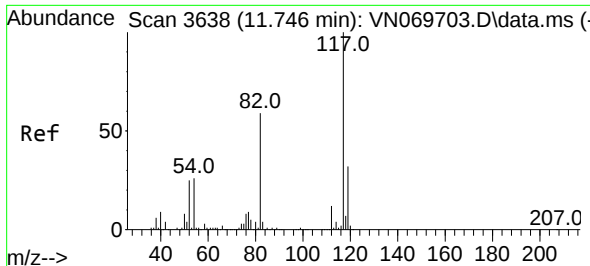
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 56.124 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

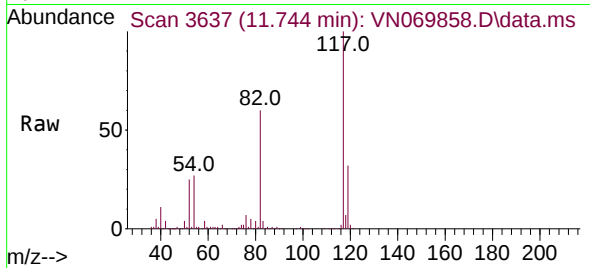
Tgt Ion: 95 Resp: 1227632
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 73.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56

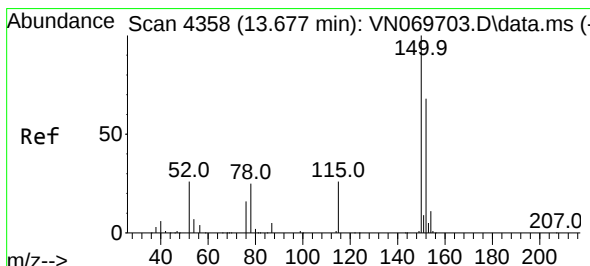
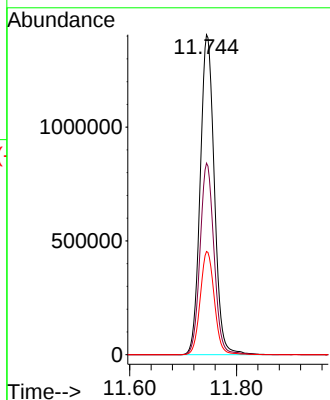
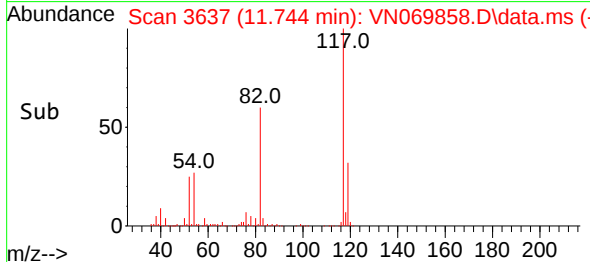
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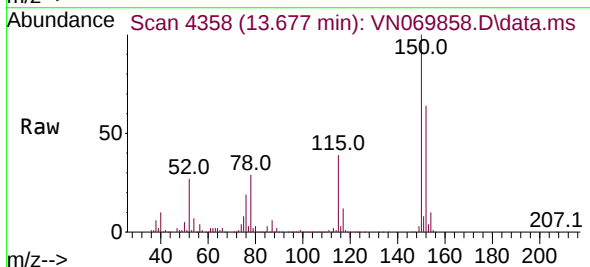
Tgt Ion:117 Resp: 257917
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
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Supervised By :Mahesh Dadoda 12/21/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069858.D
Acq: 8 Dec 2021 13:56



Tgt Ion:152 Resp: 991992
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.2 0.0 344.4

