

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069822.D
 Acq On : 7 Dec 2021 18:23
 Operator : JC/MD
 Sample : M4956-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20211205

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 04:38:24 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	8.086	168	1331216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2387804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2530925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	980516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1015130	49.388	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.780%		
35) Dibromofluoromethane	8.021	113	714316	47.759	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.520%		
50) Toluene-d8	10.443	98	3074910	51.201	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.400%		
62) 4-Bromofluorobenzene	12.731	95	1198323	55.078	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	108518	6.989	ug/l	98
7) Trichlorofluoromethane	3.381	101	2538321	108.130	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	25703	1.953	ug/l	93
12) 1,1-Dichloroethene	4.183	96	404575	31.906	ug/l	87
24) 1,1-Dichloroethane	6.391	63	78643	2.718	ug/l	98
27) cis-1,2-Dichloroethene	7.332	96	29734	1.787	ug/l	95
30) Chloroform	7.820	83	94822	3.245	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	93541m	3.759	ug/l	
44) Trichloroethene	9.217	130	992824	59.868	ug/l	92
64) Tetrachloroethene	10.977	164	832149	48.490	ug/l	95

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

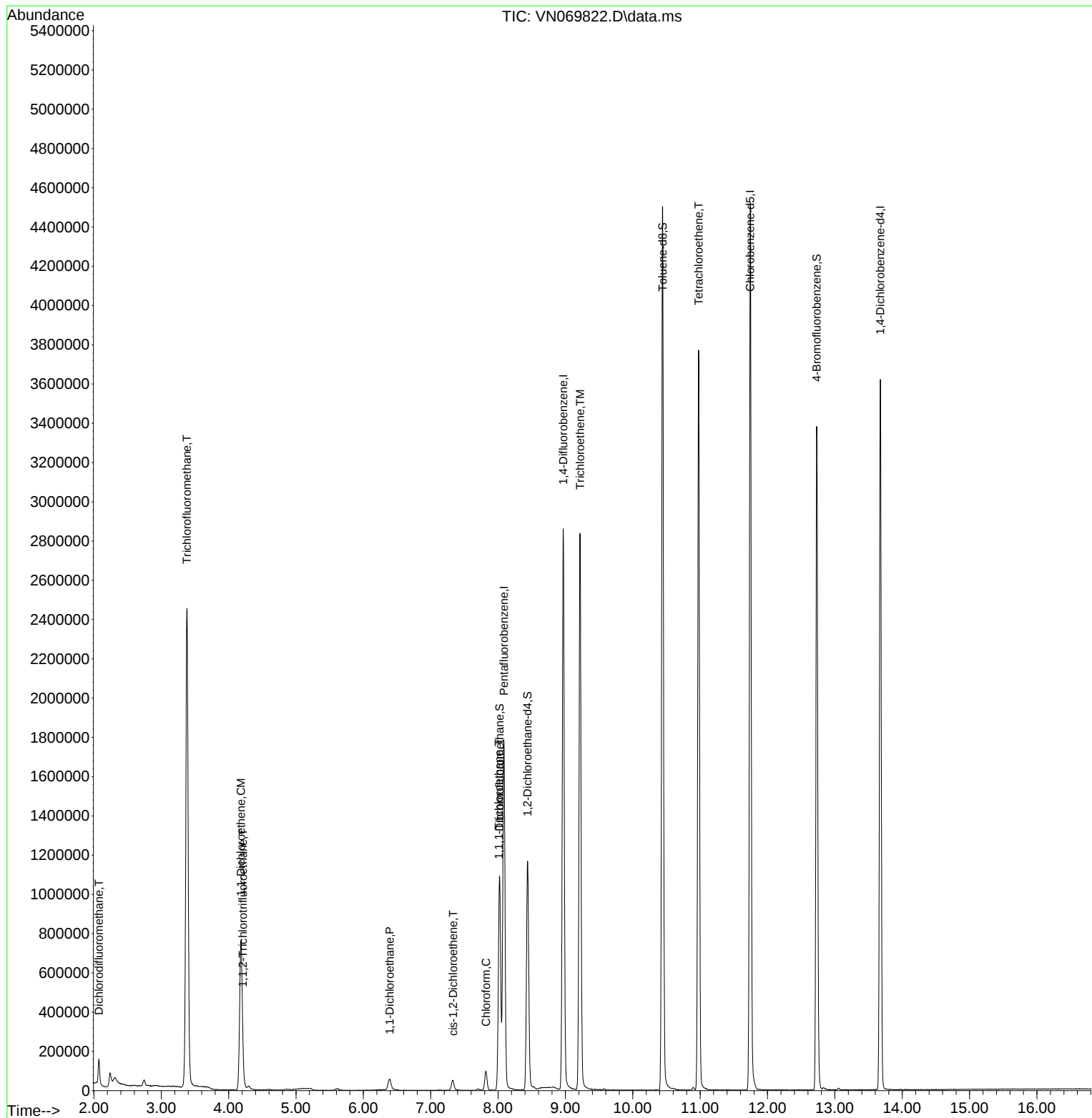
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
Data File : VN069822.D
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Operator : JC/MD
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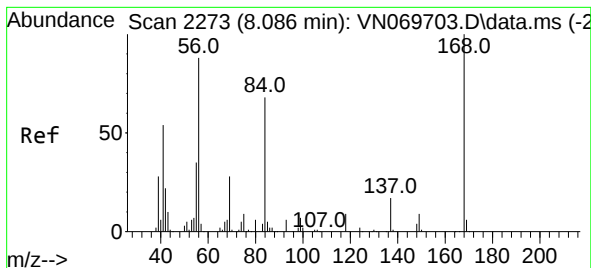
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20211205

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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: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069822.D

Acq: 7 Dec 2021 18:23

Instrument :

MSVOA_N

ClientSampleId :

MW201D-20211205

Tgt Ion:168 Resp: 1331210

Ion Ratio Lower Upper

168 100

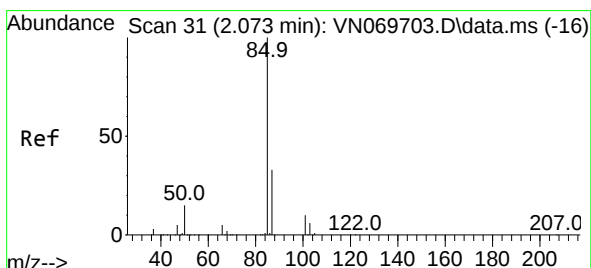
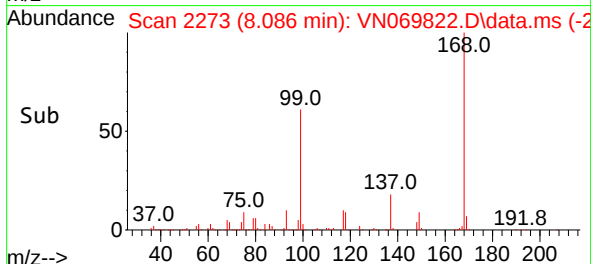
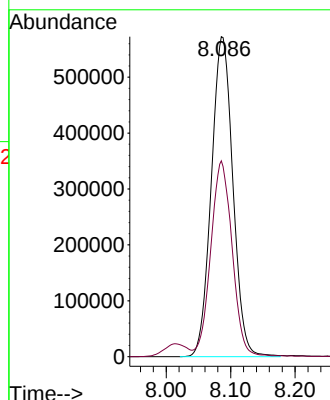
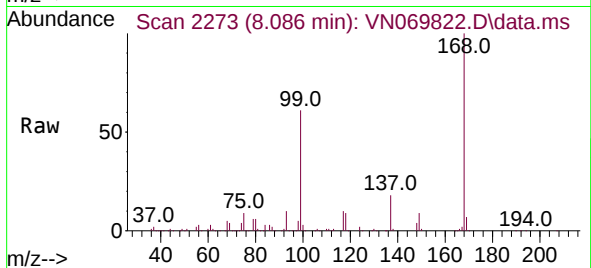
99 60.9 41.3 61.9

Manual Integrations

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Supervised By :Mahesh Dadoda 12/21/2021



#2

Dichlorodifluoromethane

Concen: 6.989 ug/l

RT: 2.073 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN069822.D

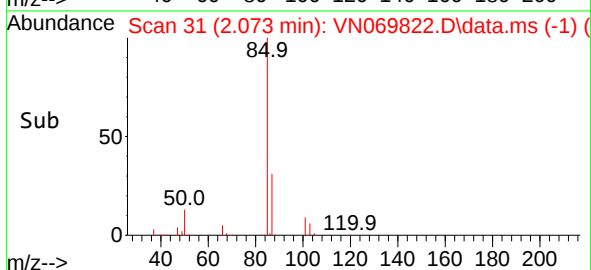
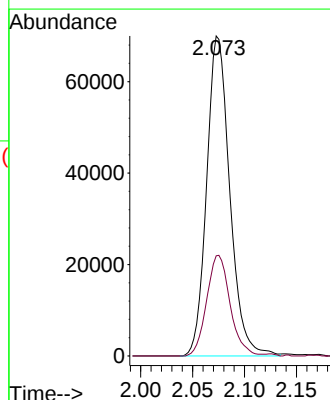
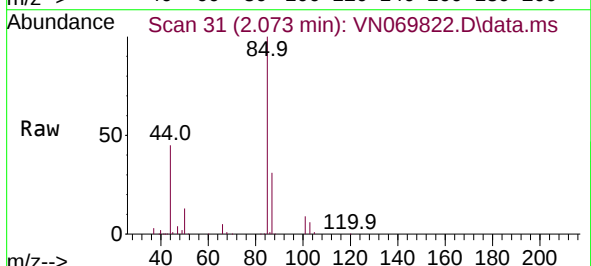
Acq: 7 Dec 2021 18:23

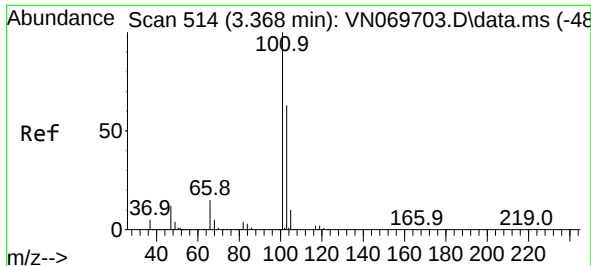
Tgt Ion: 85 Resp: 108518

Ion Ratio Lower Upper

85 100

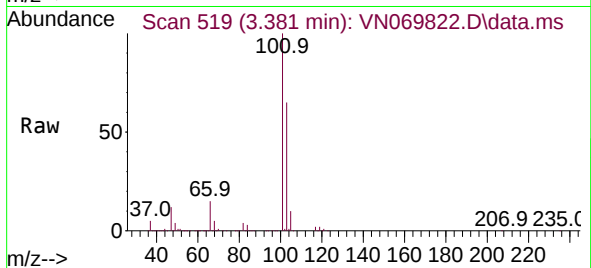
87 31.3 16.3 48.9





#7
 Trichlorofluoromethane
 Concen: 108.130 ug/l
 RT: 3.381 min Scan# 514
 Delta R.T. 0.013 min
 Lab File: VN069822.D
 Acq: 7 Dec 2021 18:23

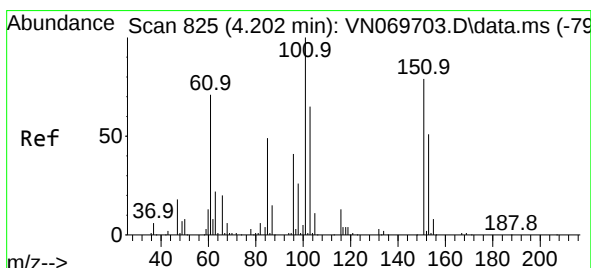
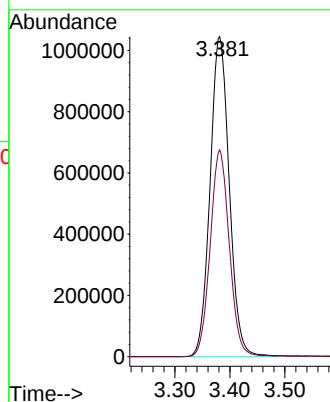
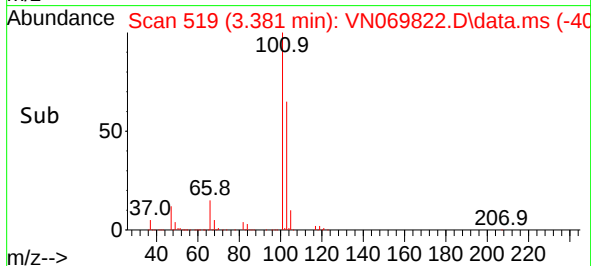
Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D-20211205



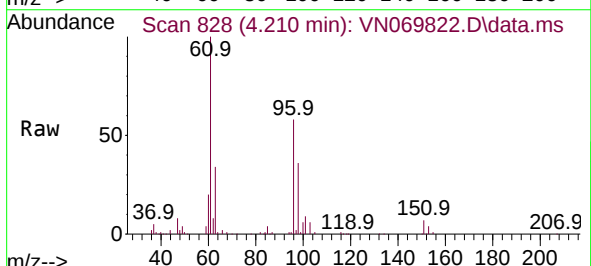
Tgt Ion:101 Resp: 253832
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.1 75.1

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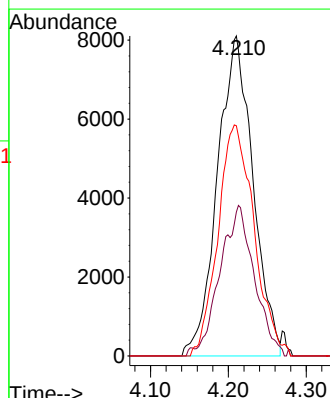
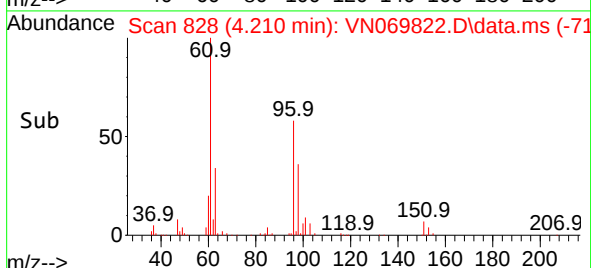
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/21/2021

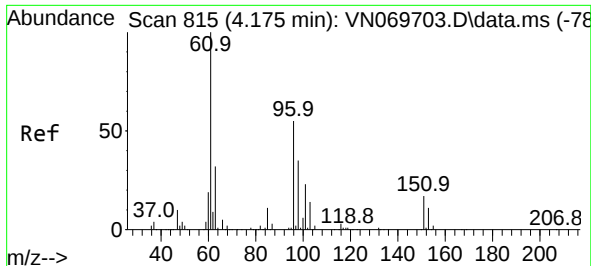


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.953 ug/l
 RT: 4.210 min Scan# 828
 Delta R.T. 0.008 min
 Lab File: VN069822.D
 Acq: 7 Dec 2021 18:23



Tgt Ion:101 Resp: 25703
 Ion Ratio Lower Upper
 101 100
 85 45.1 37.2 55.8
 151 73.4 65.9 98.9





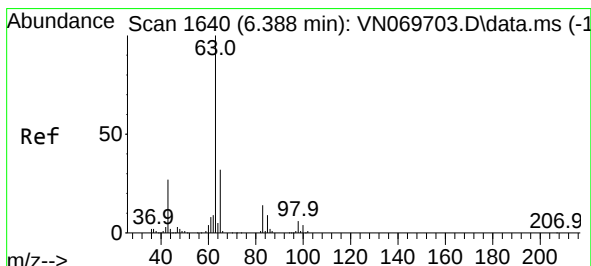
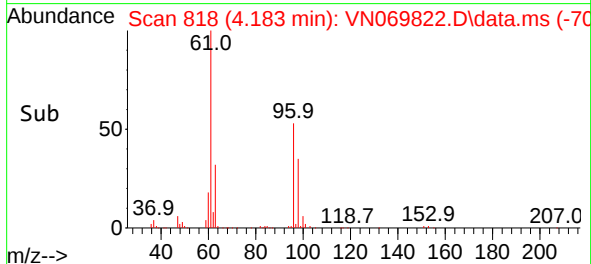
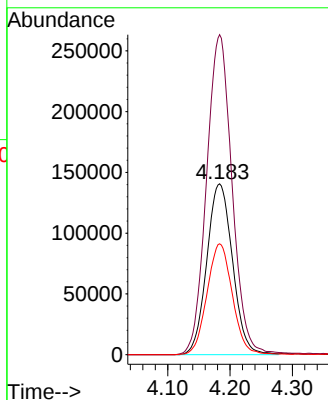
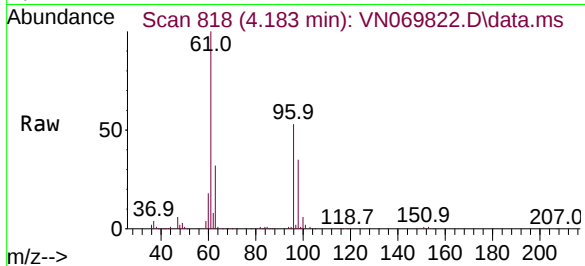
#12
1,1-Dichloroethene
Concen: 31.906 ug/l
RT: 4.183 min Scan# 815
Delta R.T. 0.008 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

Instrument :
MSVOA_N
ClientSampleId :
MW201D-20211205

Tgt Ion: 96 Resp: 404579
Ion Ratio Lower Upper
96 100
61 187.0 131.0 196.6
98 64.8 52.4 78.6

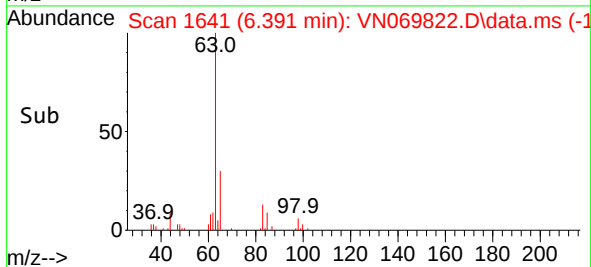
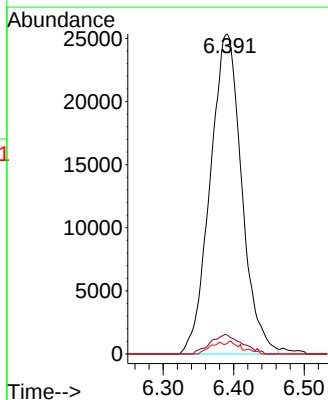
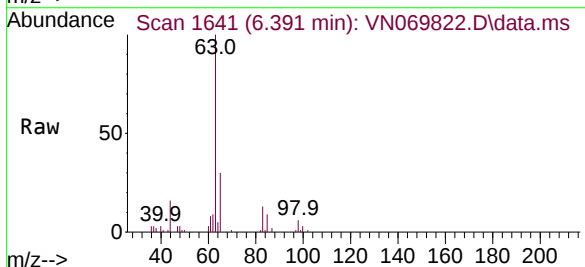
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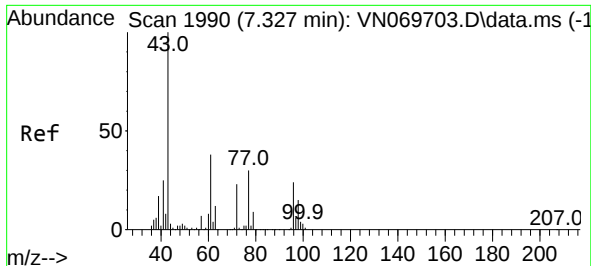
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#24
1,1-Dichloroethane
Concen: 2.718 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.003 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

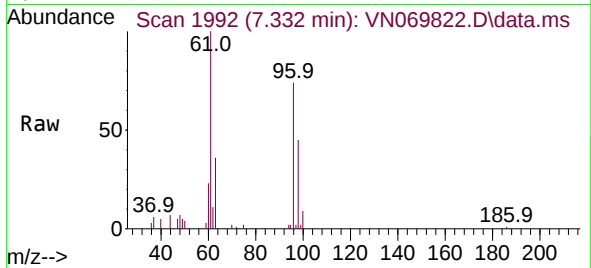
Tgt Ion: 63 Resp: 78643
Ion Ratio Lower Upper
63 100
98 5.9 3.3 9.9
100 3.3 2.1 6.5





#27
cis-1,2-Dichloroethene
Concen: 1.787 ug/l
RT: 7.332 min Scan# 1990
Delta R.T. 0.005 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

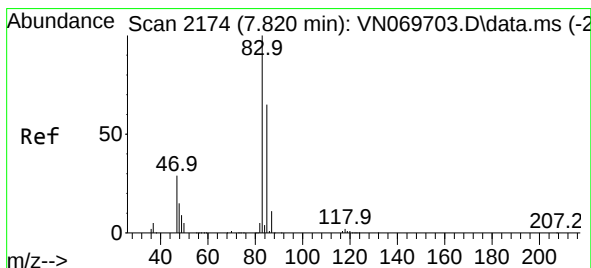
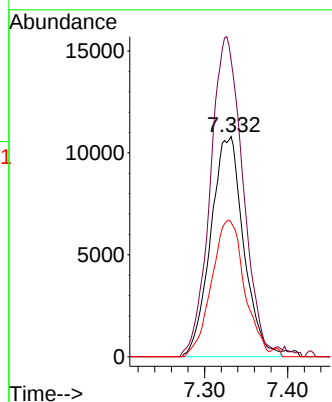
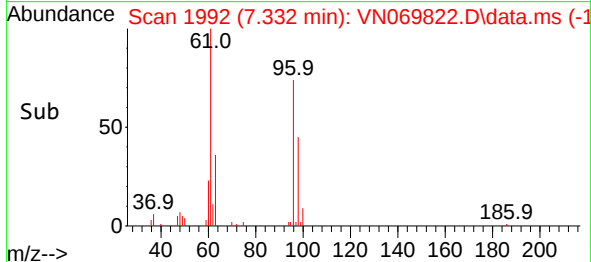
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20211205



Tgt Ion: 96 Resp: 29734
Ion Ratio Lower Upper
96 100
61 143.7 0.0 275.0
98 62.0 0.0 129.6

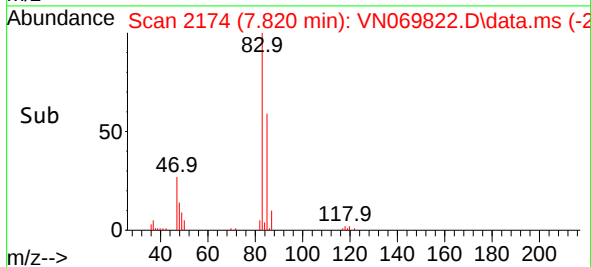
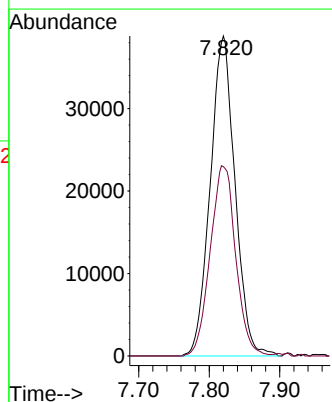
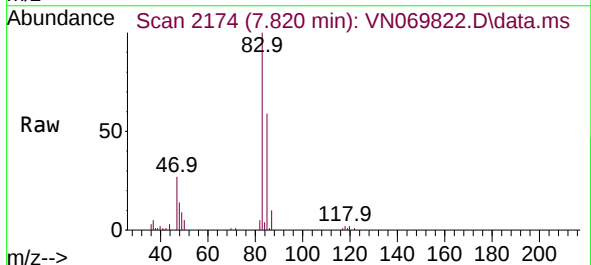
Manual Integrations
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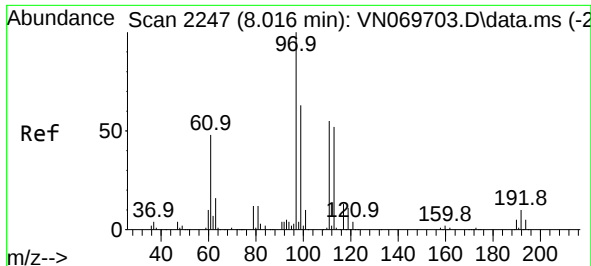
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#30
Chloroform
Concen: 3.245 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

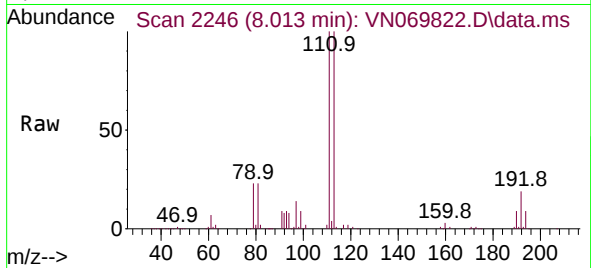
Tgt Ion: 83 Resp: 94822
Ion Ratio Lower Upper
83 100
85 59.1 51.9 77.9





#32
1,1,1-Trichloroethane
Concen: 3.759 ug/l m
RT: 8.013 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

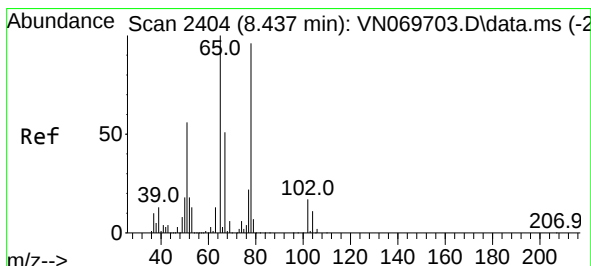
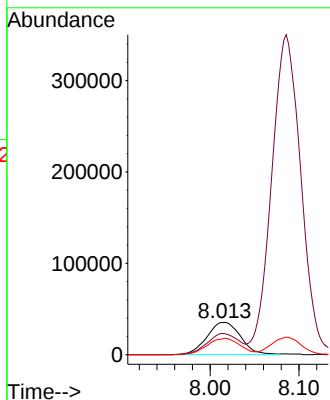
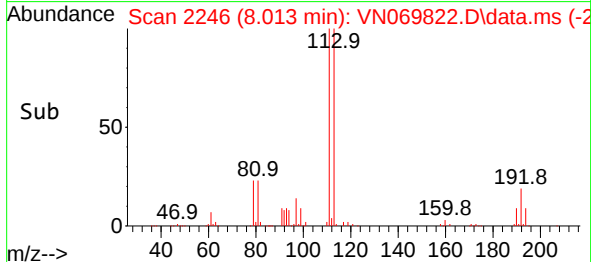
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20211205



Tgt Ion: 97 Resp: 9354
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 0.0 35.2 52.8

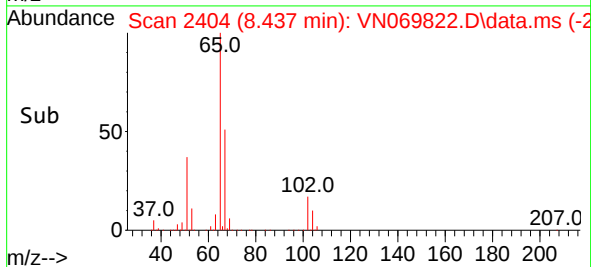
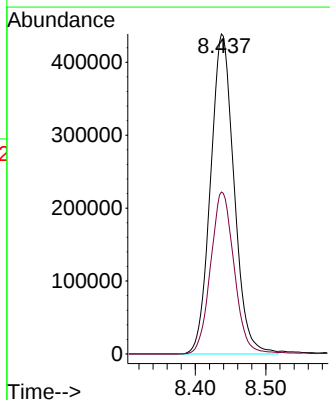
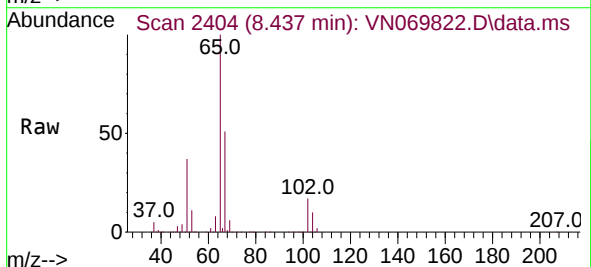
Manual Integrations
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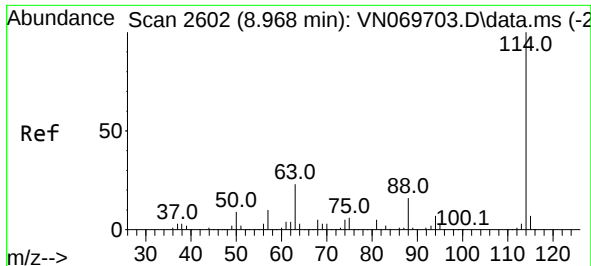
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#33
1,2-Dichloroethane-d4
Concen: 49.388 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

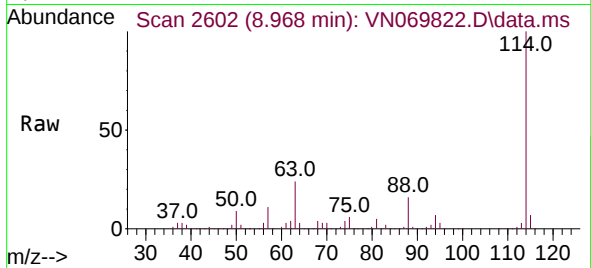
Tgt Ion: 65 Resp: 1015130
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

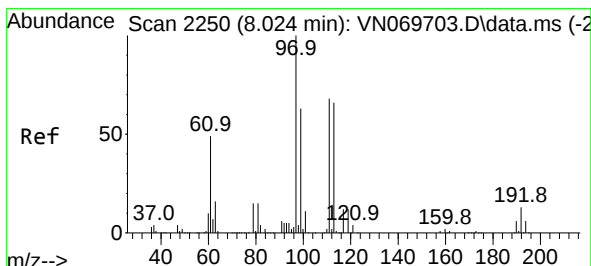
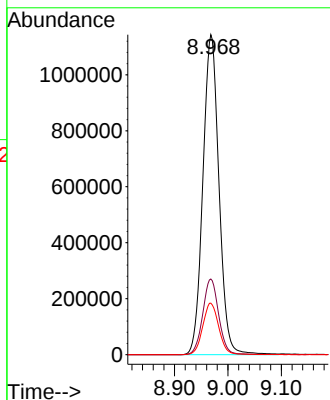
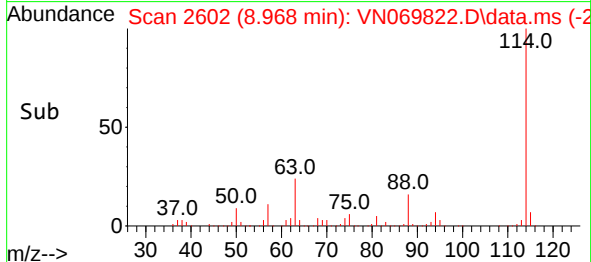
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20211205



Tgt Ion:114 Resp: 2387804
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.1 0.0 27.4

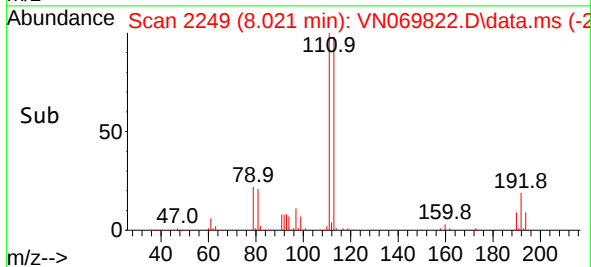
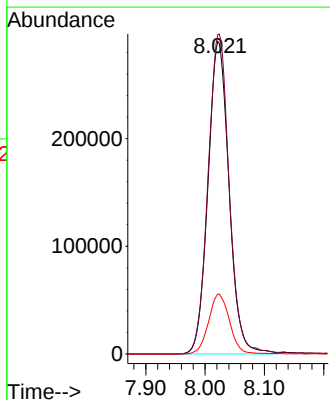
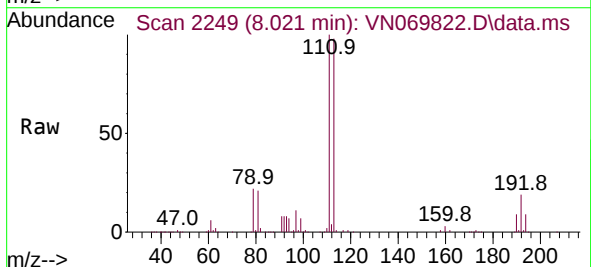
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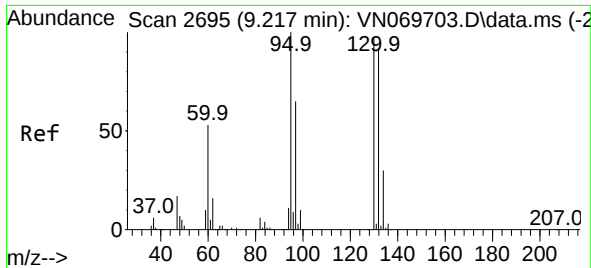
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#35
Dibromofluoromethane
Concen: 47.759 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

Tgt Ion:113 Resp: 714316
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.1 16.9 25.3





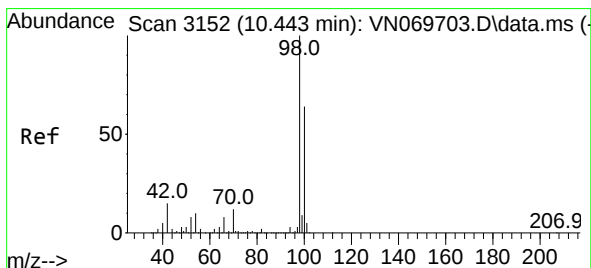
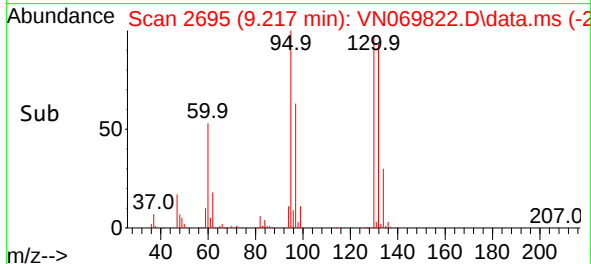
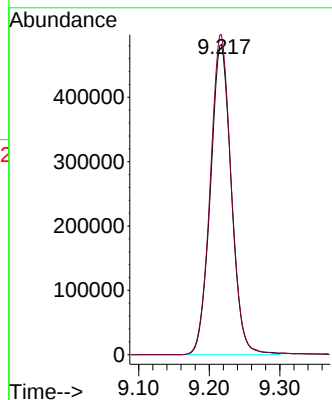
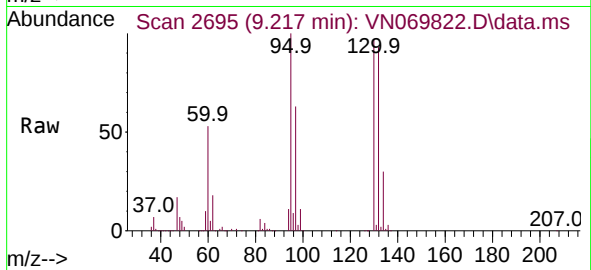
#44
Trichloroethene
Concen: 59.868 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

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ClientSampleId :
MW201D-20211205

Tgt Ion:130 Resp: 992824
Ion Ratio Lower Upper
130 100
95 103.1 0.0 191.2

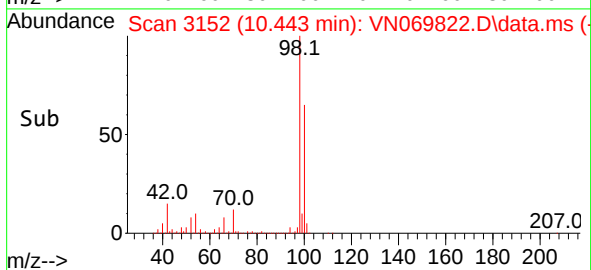
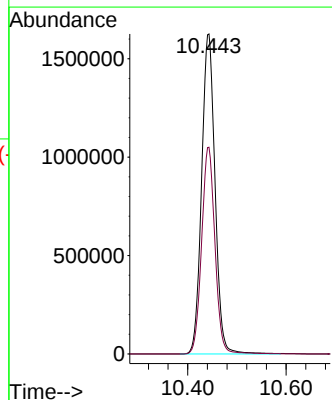
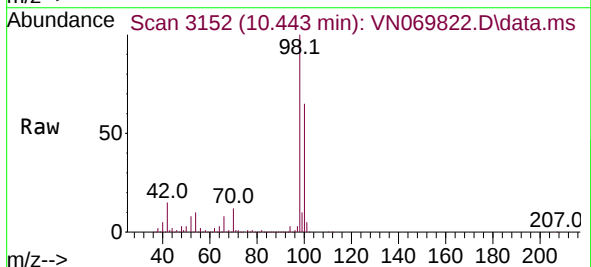
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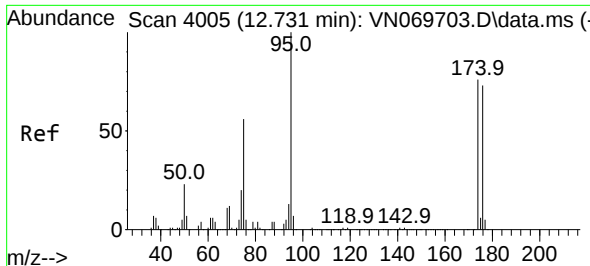
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021



#50
Toluene-d8
Concen: 51.201 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

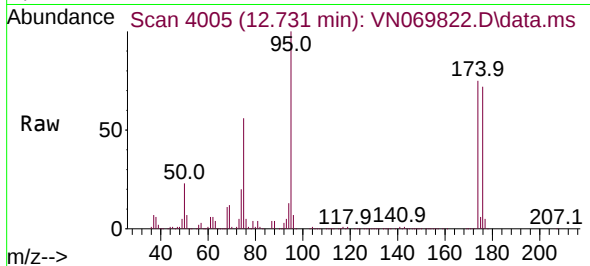
Tgt Ion: 98 Resp: 3074910
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 55.078 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

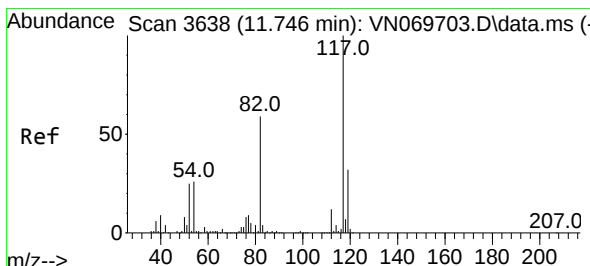
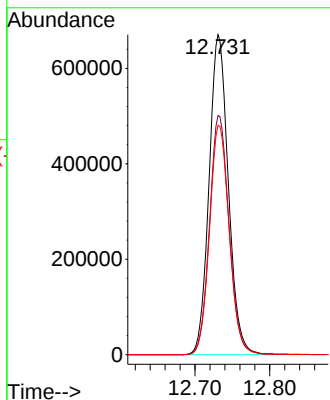
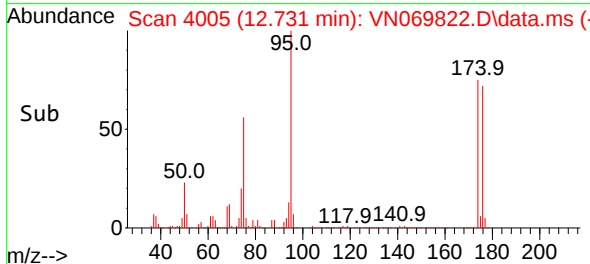
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20211205



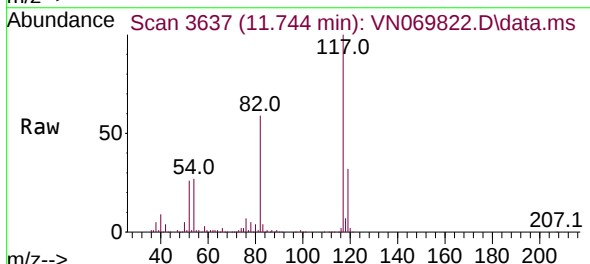
Tgt Ion: 95 Resp: 119832
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.1 0.0 181.4

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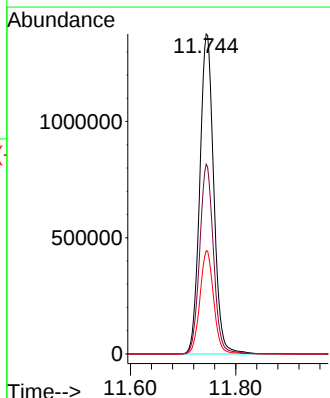
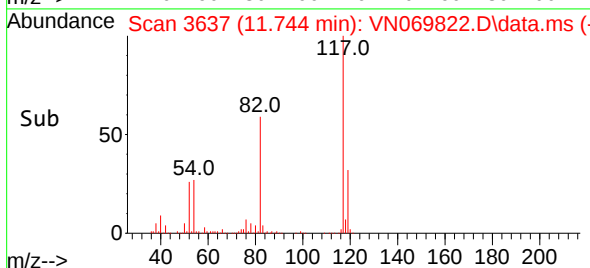
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/21/2021

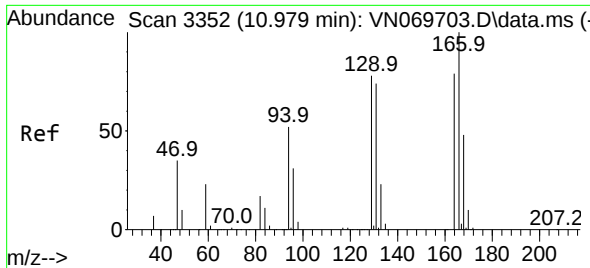


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23



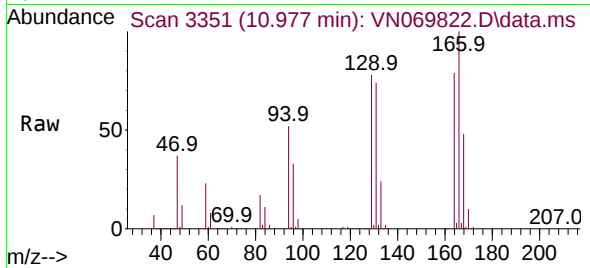
Tgt Ion:117 Resp: 2530925
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.2 25.4 38.2





#64
Tetrachloroethene
Concen: 48.490 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23

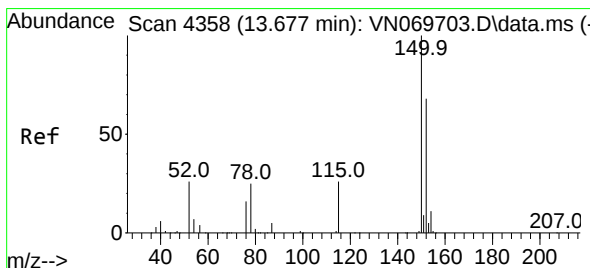
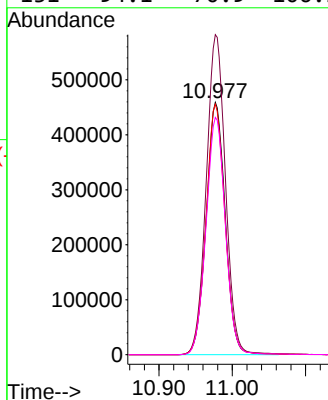
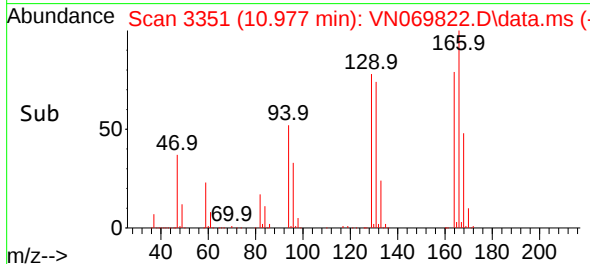
Instrument :
MSVOA_N
ClientSampleId :
MW201D-20211205



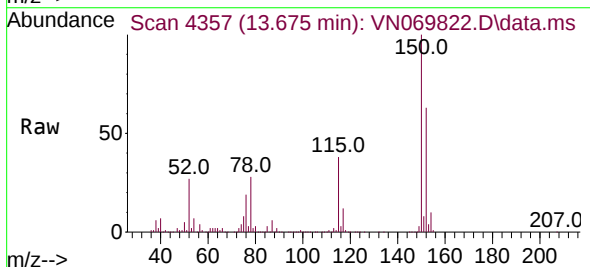
Tgt Ion:164 Resp: 832149
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 99.3 72.0 108.0
131 94.1 70.9 106.3

Manual Integrations
APPROVED

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069822.D
Acq: 7 Dec 2021 18:23



Tgt Ion:152 Resp: 980516
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.0 0.0 344.4

