

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070448.D
 Acq On : 3 Jan 2022 19:49
 Operator : JC/MD
 Sample : M5338-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-3

Quant Time: Jan 04 01:37:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	950705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	1621363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1430905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	481703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	701237	51.300	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.600%			
35) Dibromofluoromethane	8.021	113	494061	50.363	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.720%			
50) Toluene-d8	10.440	98	1935445	48.295	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.600%			
62) 4-Bromofluorobenzene	12.731	95	697258	48.172	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.340%			
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.183	96	1194437	123.360	ug/l	91
16) Acetone	4.293	43	35503	4.001	ug/l	99
20) Methylene Chloride	5.095	84	21695	1.767	ug/l #	84
24) 1,1-Dichloroethane	6.388	63	2583361	116.522	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	313617	25.638	ug/l	97
30) Chloroform	7.817	83	10738649	502.075	ug/l	99
32) 1,1,1-Trichloroethane	8.005	97	25923115m	1437.442	ug/l	
38) Carbon Tetrachloride	8.206	117	3240807	209.134	ug/l	98
44) Trichloroethene	9.217	130	122853	10.392	ug/l	91
55) 1,1,2-Trichloroethane	10.894	97	6259	0.525	ug/l	95
64) Tetrachloroethene	10.977	164	618990	59.738	ug/l	97
67) Ethyl Benzene	11.843	91	12930	0.232	ug/l	95
68) m/p-Xylenes	11.950	106	17296	0.854	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	13854	1.293	ug/l	98
84) 1,2,4-Trimethylbenzene	13.366	105	18462	0.535	ug/l	99

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

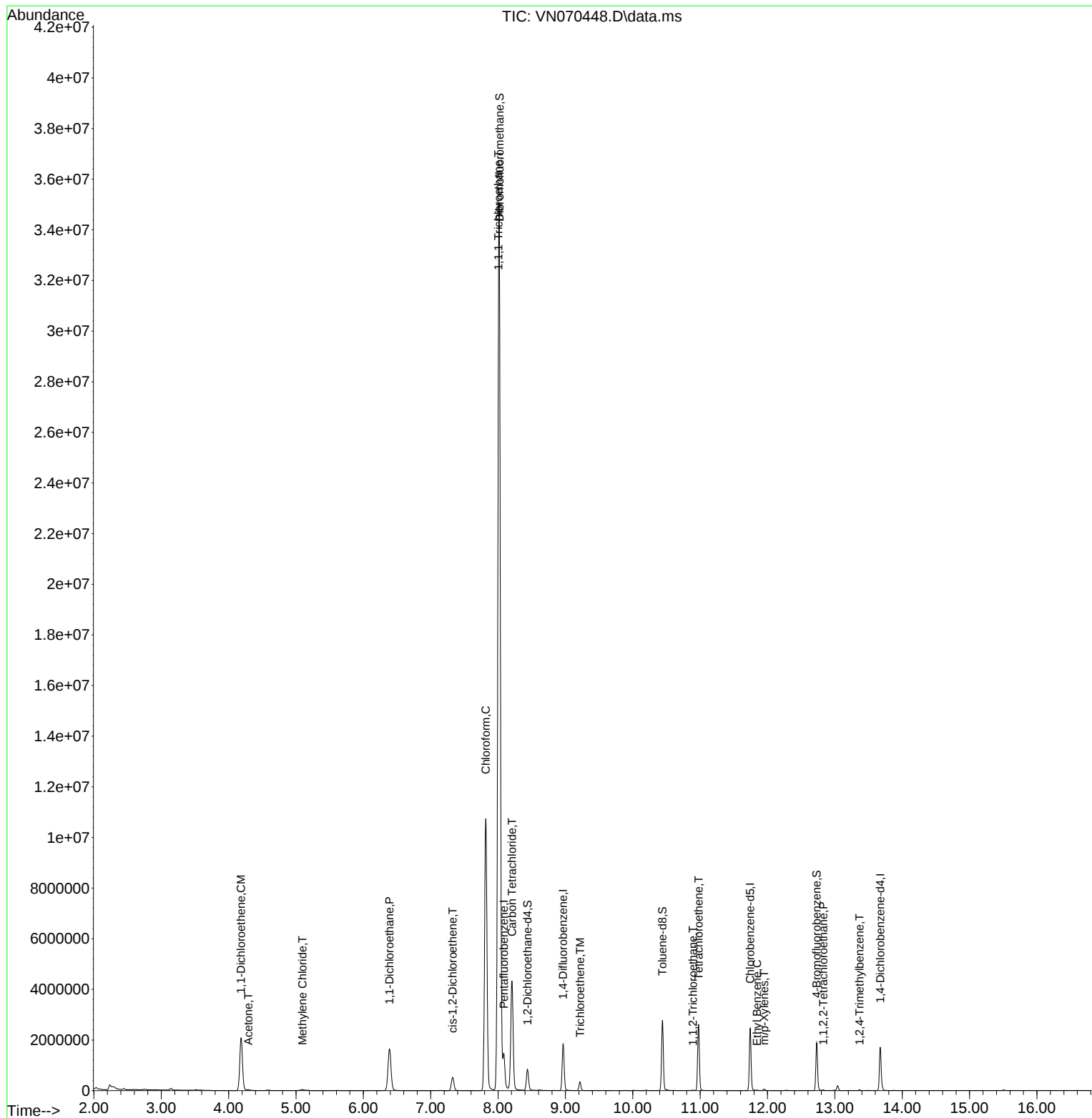
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
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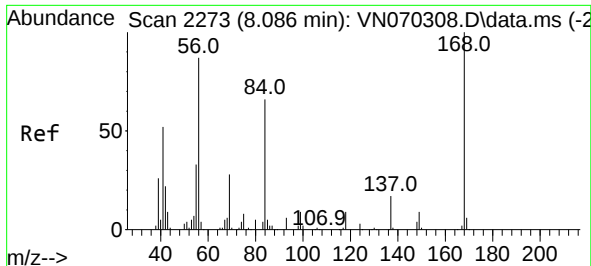
Instrument :
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Quant Time: Jan 04 01:37:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
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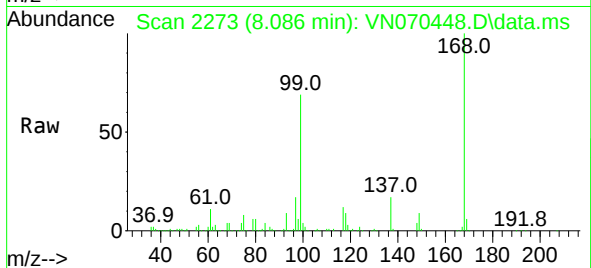
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

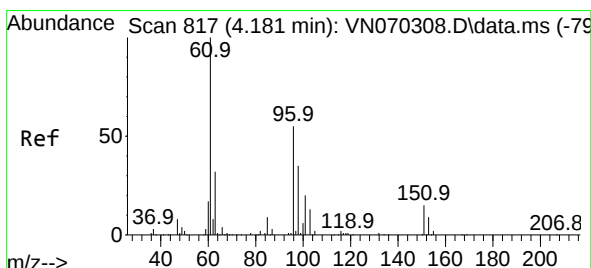
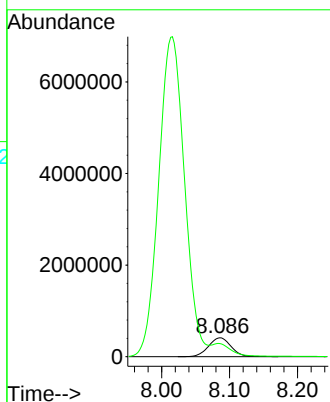
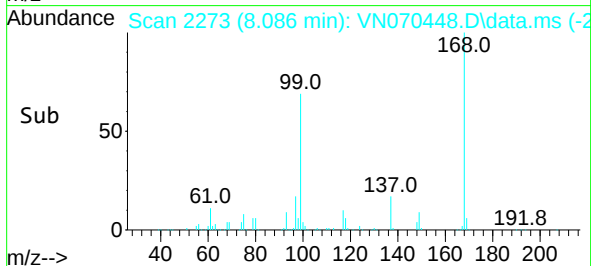
Instrument :
MSVOA_N
ClientSampleId :
TW-3



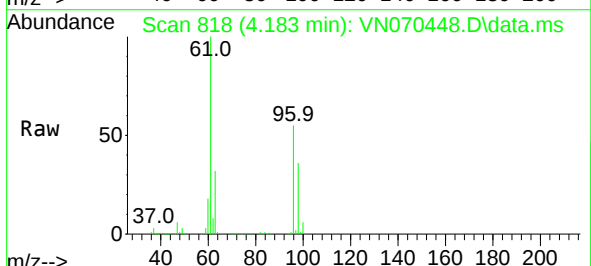
Tgt Ion:168 Resp: 95070
Ion Ratio Lower Upper
168 100
99 66.8 41.3 61.9

Manual Integrations
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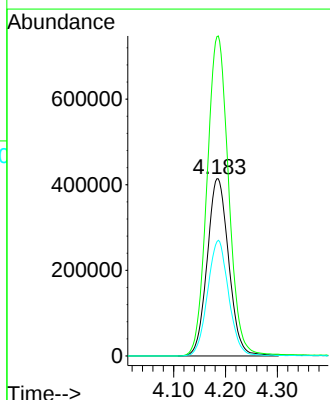
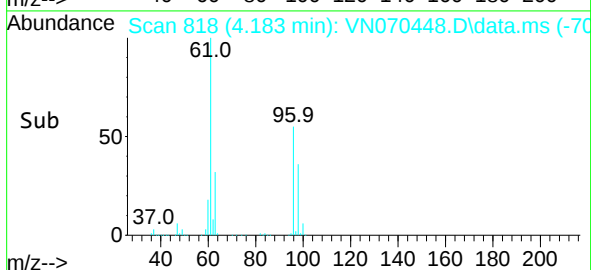
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

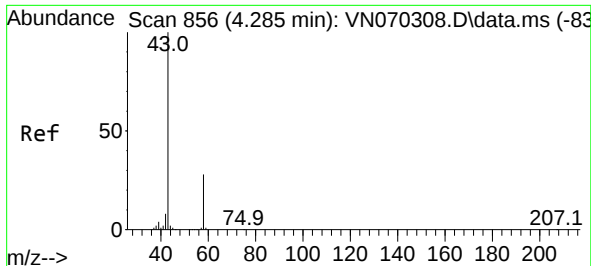


#12
1,1-Dichloroethene
Concen: 123.360 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49



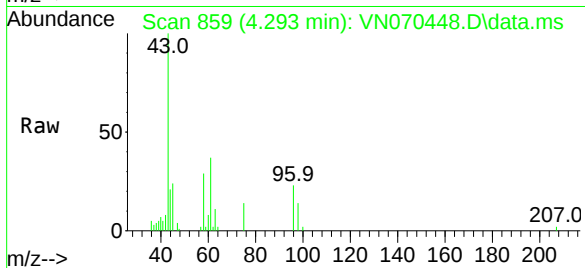
Tgt Ion: 96 Resp: 1194437
Ion Ratio Lower Upper
96 100
61 180.2 131.0 196.6
98 64.5 52.4 78.6





#16
Acetone
Concen: 4.001 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

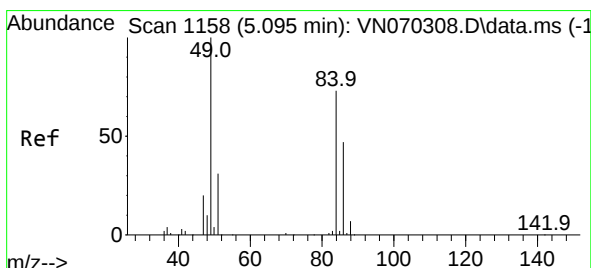
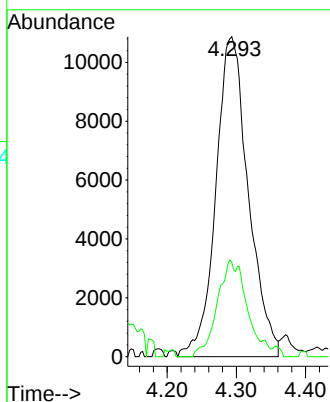
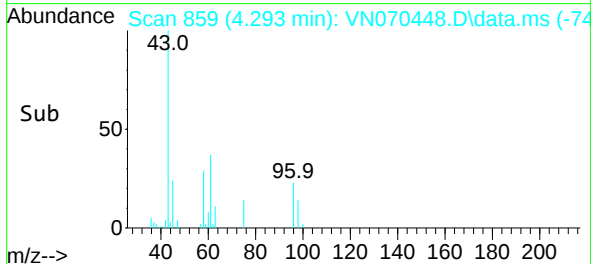
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 43 Resp: 3550
Ion Ratio Lower Upper
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58 29.4 23.1 34.7

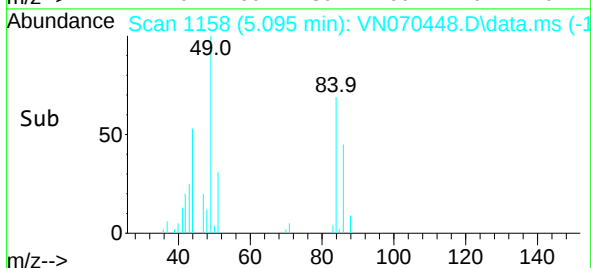
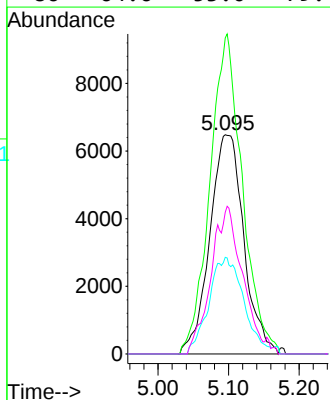
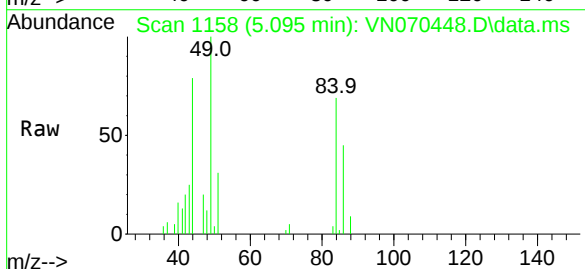
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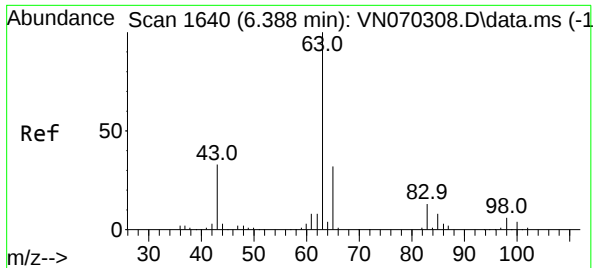
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#20
Methylene Chloride
Concen: 1.767 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

Tgt Ion: 84 Resp: 21695
Ion Ratio Lower Upper
84 100
49 144.2 93.5 140.3#
51 44.1 29.4 44.2
86 64.6 53.0 79.4





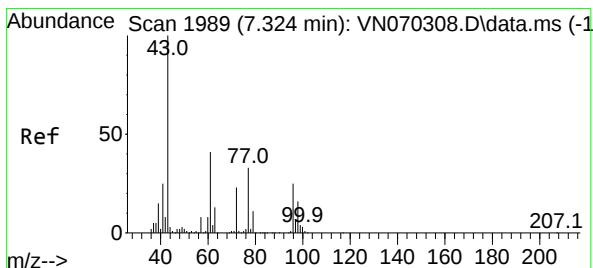
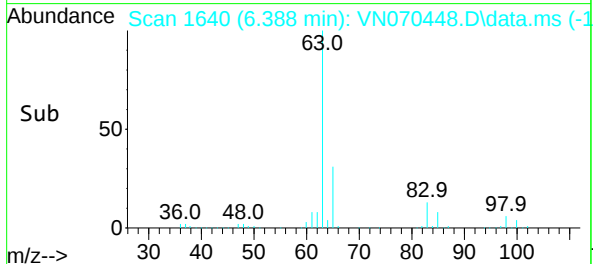
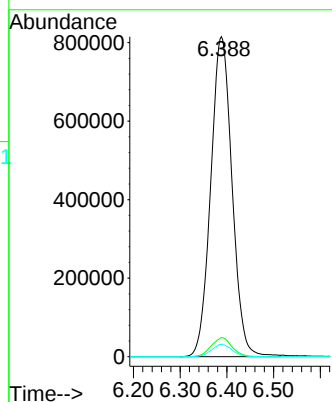
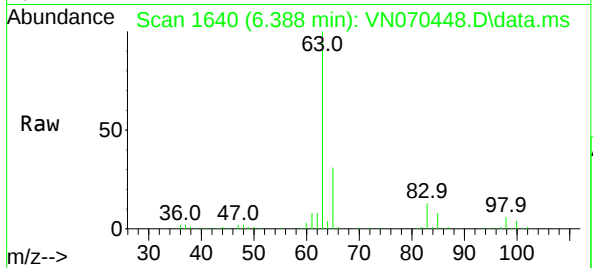
#24
1,1-Dichloroethane
Concen: 116.522 ug/l
RT: 6.388 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 63 Resp: 258336
Ion Ratio Lower Upper
63 100
98 6.0 3.3 9.9
100 3.9 2.1 6.5

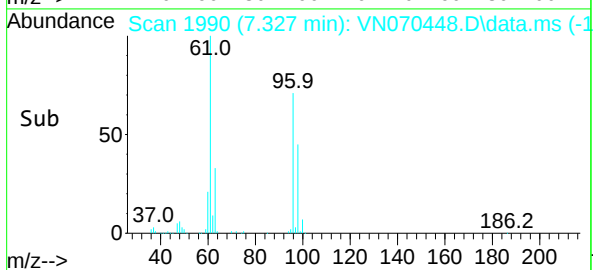
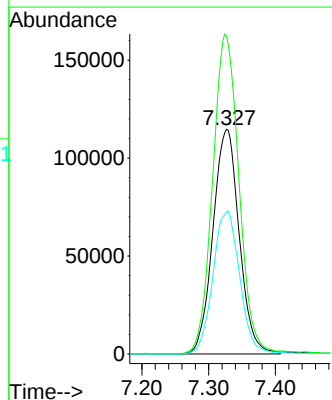
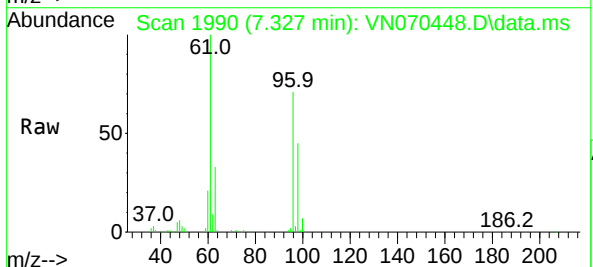
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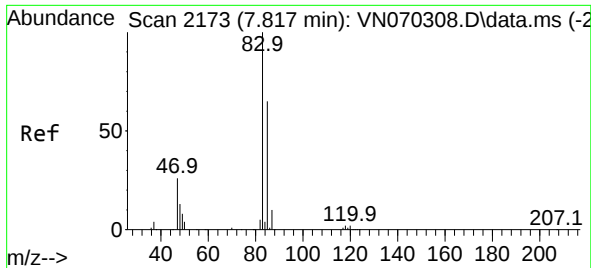
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#27
cis-1,2-Dichloroethene
Concen: 25.638 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

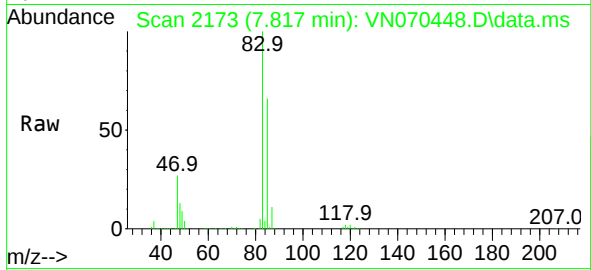
Tgt Ion: 96 Resp: 313617
Ion Ratio Lower Upper
96 100
61 142.1 0.0 275.0
98 64.7 0.0 129.6





#30
Chloroform
Concen: 502.075 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

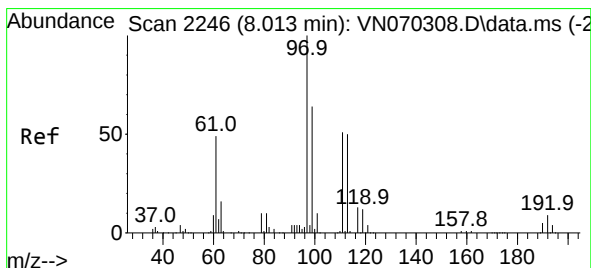
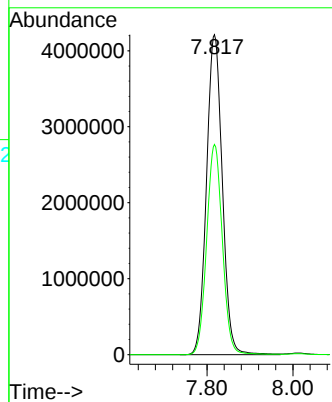
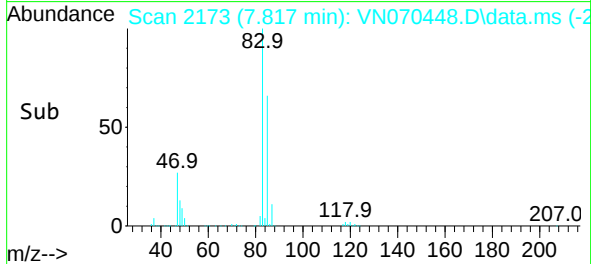
Instrument :
MSVOA_N
ClientSampleId :
TW-3



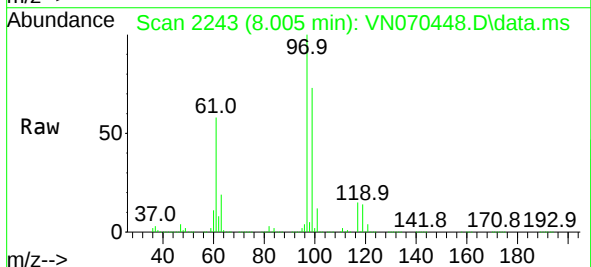
Tgt Ion: 83 Resp:10738649
Ion Ratio Lower Upper
83 100
85 65.7 51.9 77.9

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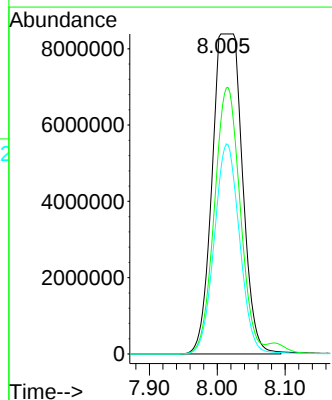
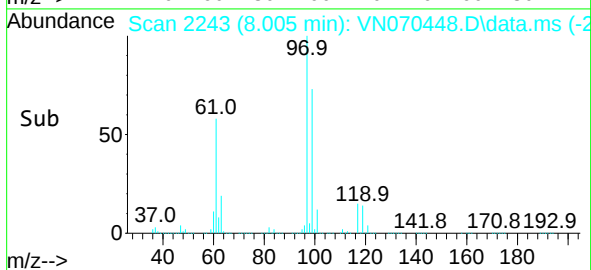
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

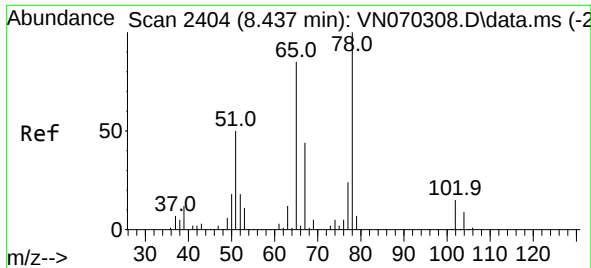


#32
1,1,1-Trichloroethane
Concen: 1437.442 ug/l m
RT: 8.005 min Scan# 2243
Delta R.T. -0.008 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49



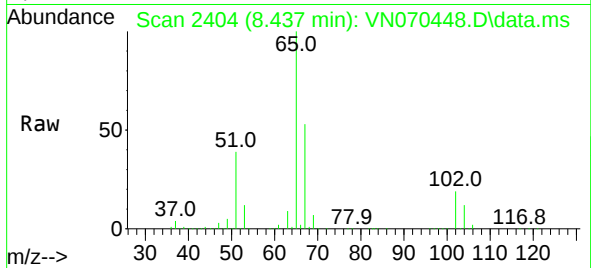
Tgt Ion: 97 Resp:25923115
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 0.0 35.2 52.8#





#33
1,2-Dichloroethane-d4
Concen: 51.300 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

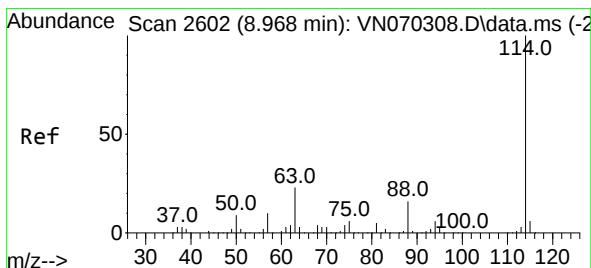
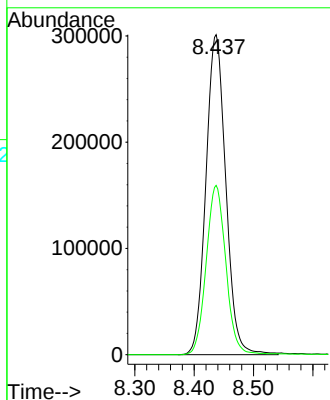
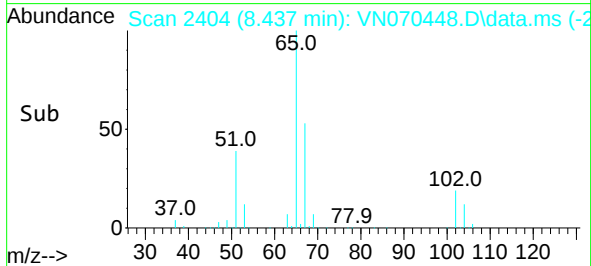
Instrument :
MSVOA_N
ClientSampleId :
TW-3



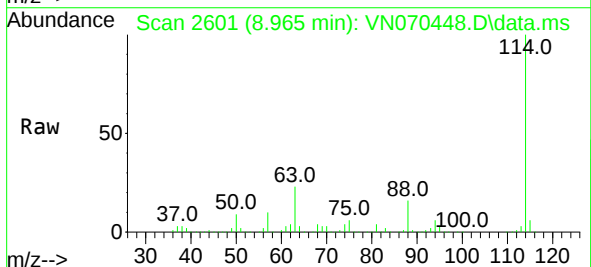
Tgt Ion: 65 Resp: 701237
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

Manual Integrations
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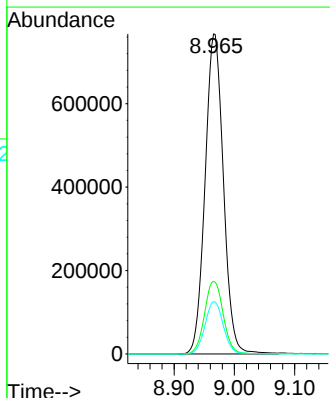
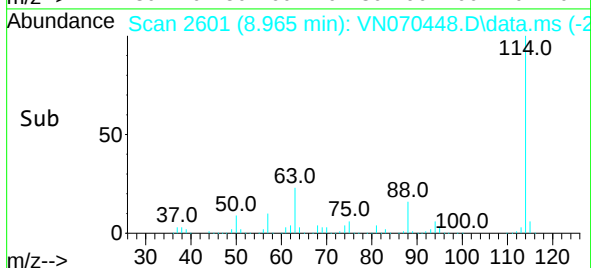
Reviewed By :John Carlone 01/04/2022
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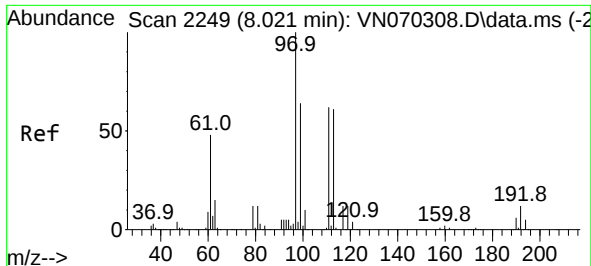


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49



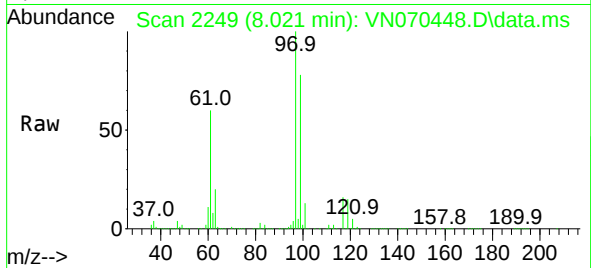
Tgt Ion:114 Resp: 1621363
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.363 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

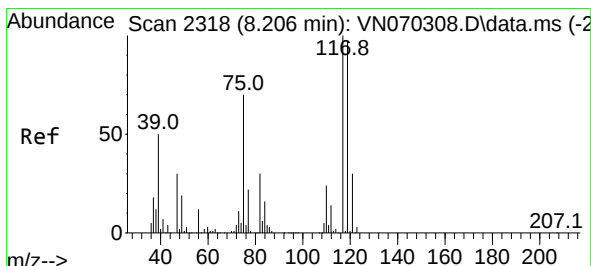
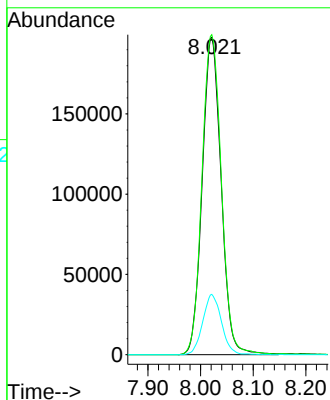
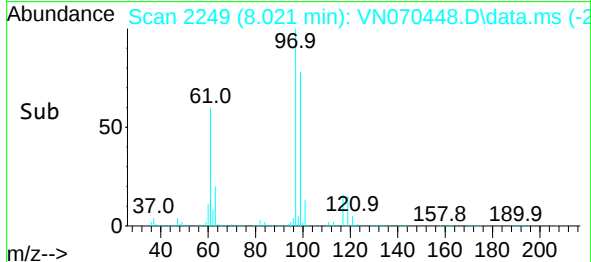
Instrument :
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TW-3



Tgt Ion:113 Resp: 49406
Ion Ratio Lower Upper
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111 102.9 82.2 123.2
192 18.7 16.9 25.3

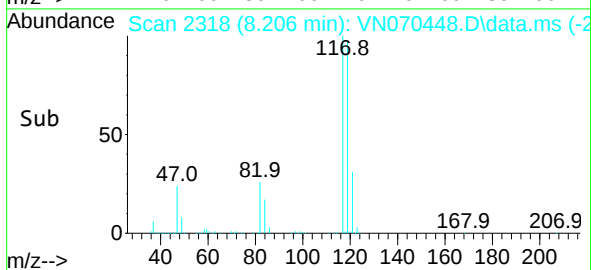
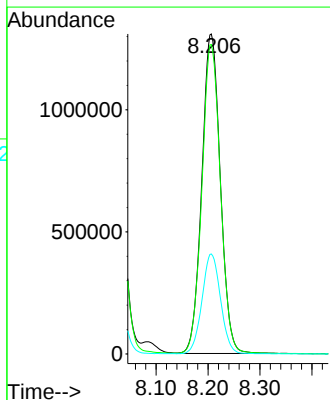
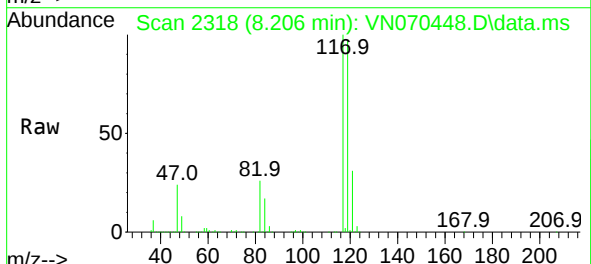
Manual Integrations
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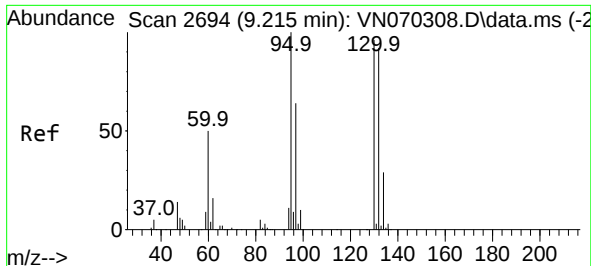
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#38
Carbon Tetrachloride
Concen: 209.134 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

Tgt Ion:117 Resp: 3240807
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 31.2 24.2 36.2





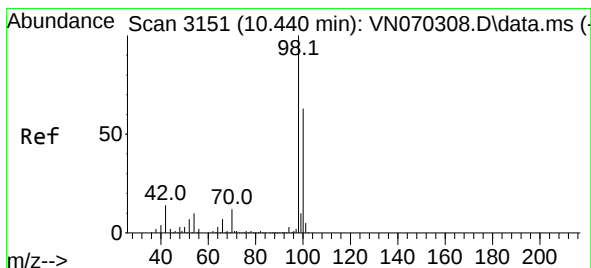
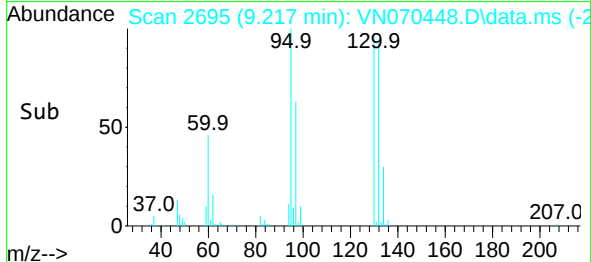
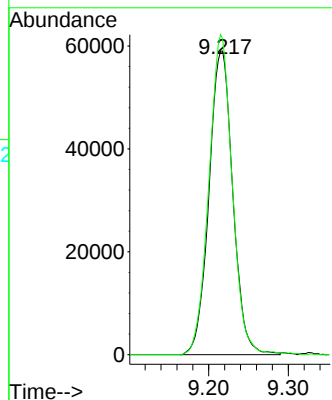
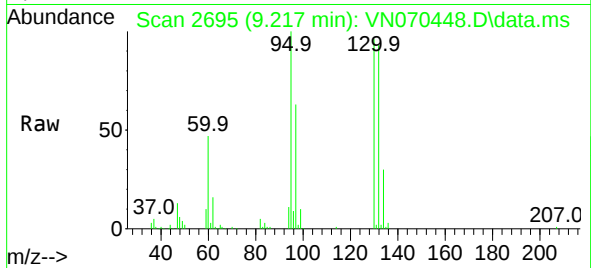
#44
Trichloroethene
Concen: 10.392 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:130 Resp: 12285
Ion Ratio Lower Upper
130 100
95 104.0 0.0 191.2

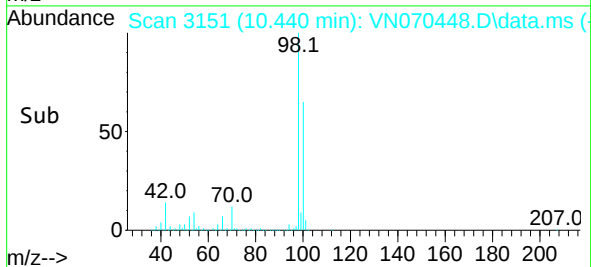
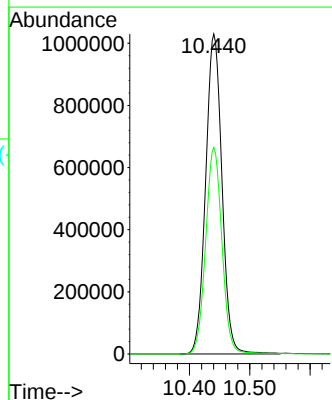
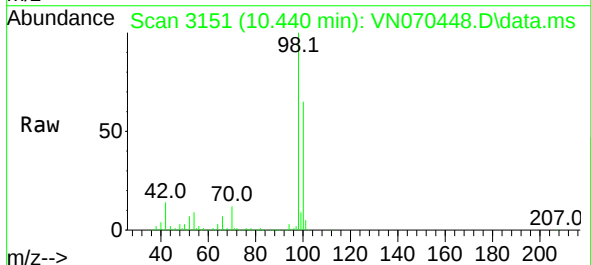
Manual Integrations
APPROVED

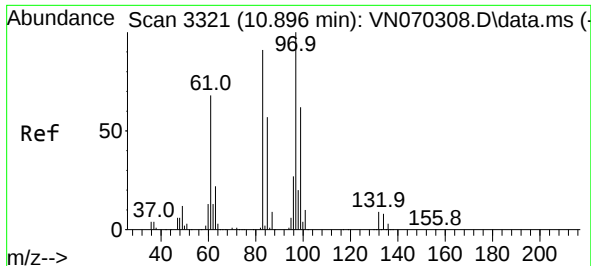
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022



#50
Toluene-d8
Concen: 48.295 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

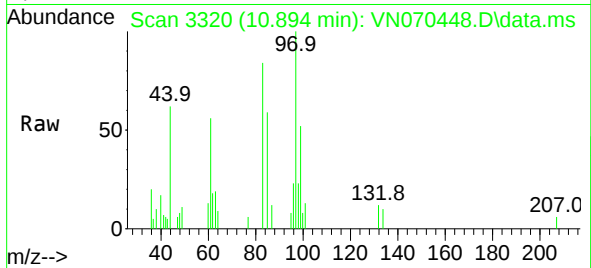
Tgt Ion: 98 Resp: 1935445
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





#55
1,1,2-Trichloroethane
Concen: 0.525 ug/l
RT: 10.894 min Scan# 3321
Delta R.T. -0.002 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

Instrument : MSVOA_N
ClientSampleId : TW-3

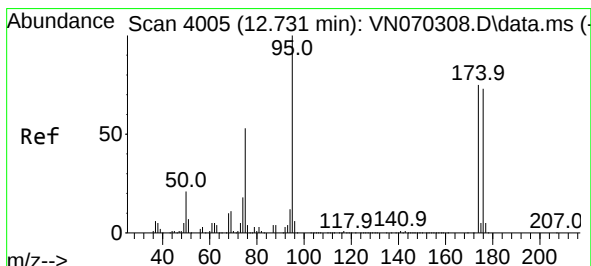
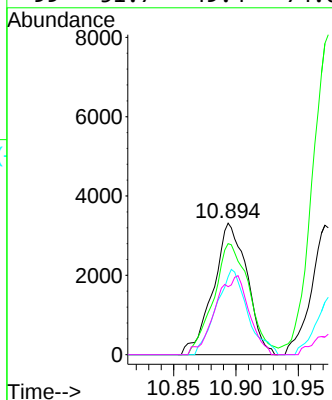
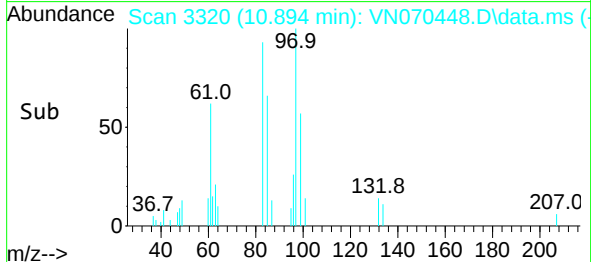


Tgt Ion: 97 Resp: 6258

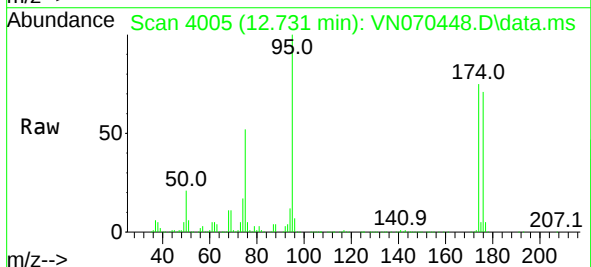
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.8	101.6
85	59.3	45.4	68.2
99	51.7	49.4	74.0

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Supervised By :Mahesh Dadoda 01/04/2022

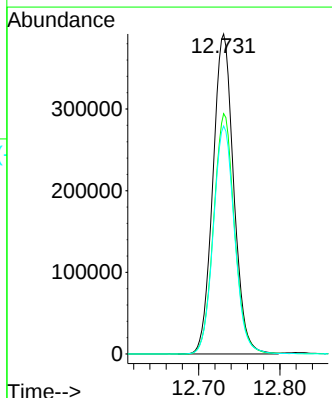
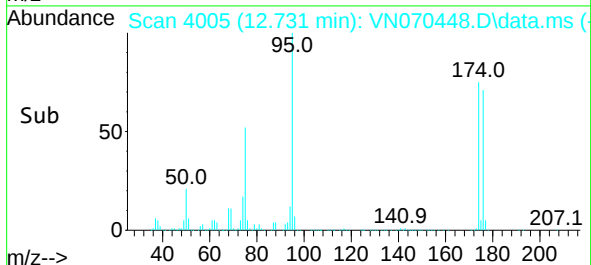


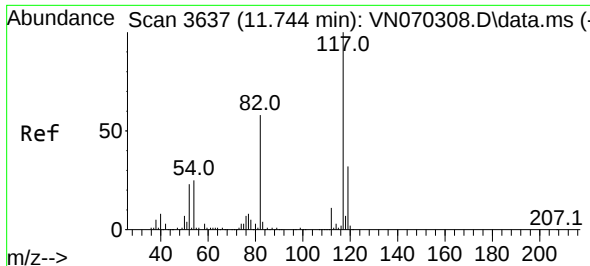
#62
4-Bromofluorobenzene
Concen: 48.172 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49



Tgt Ion: 95 Resp: 697258

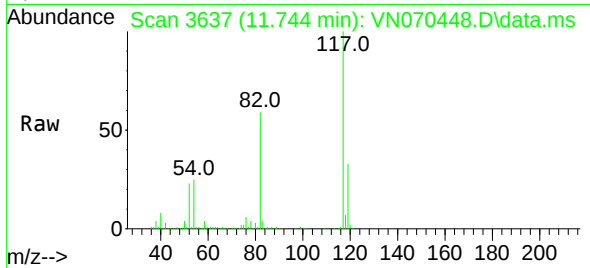
Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	187.2
176	72.4	0.0	181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

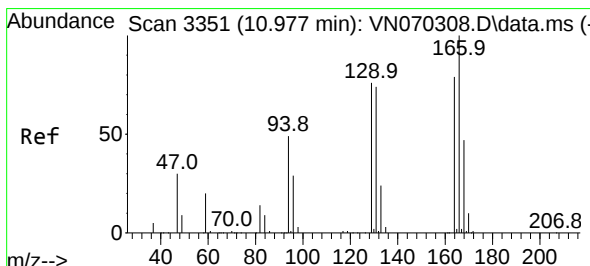
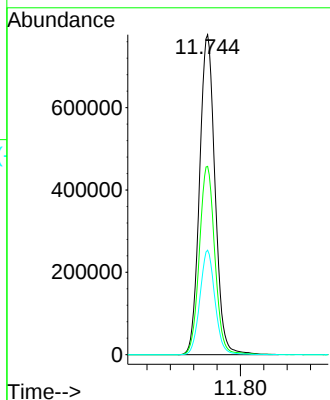
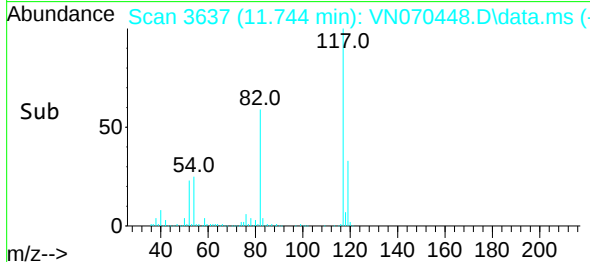
Instrument :
MSVOA_N
ClientSampleId :
TW-3



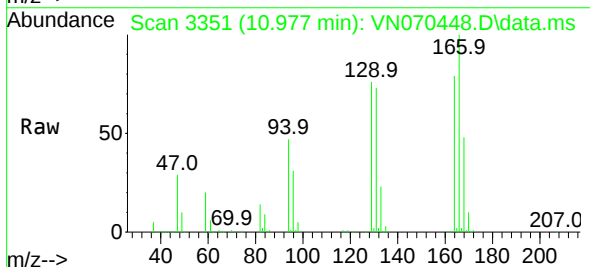
Tgt Ion:117 Resp: 143090
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.6 25.4 38.2

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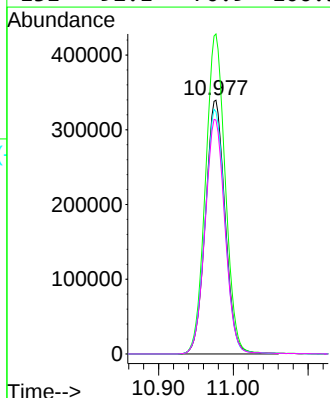
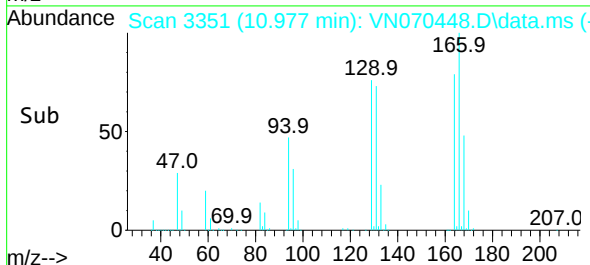
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

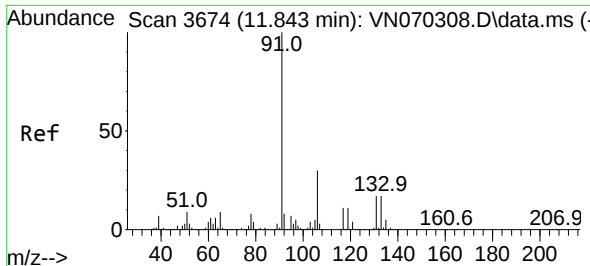


#64
Tetrachloroethene
Concen: 59.738 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49



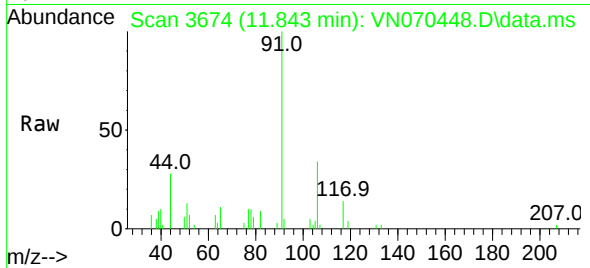
Tgt Ion:164 Resp: 618990
Ion Ratio Lower Upper
164 100
166 126.1 101.9 152.9
129 95.5 72.0 108.0
131 92.1 70.9 106.3





#67
Ethyl Benzene
Concen: 0.232 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49

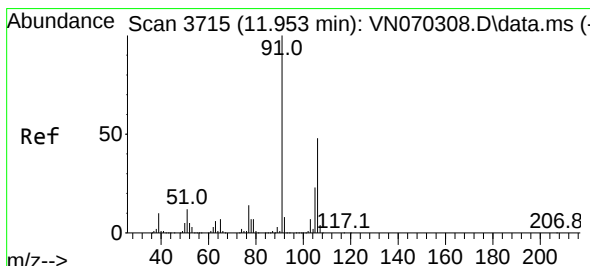
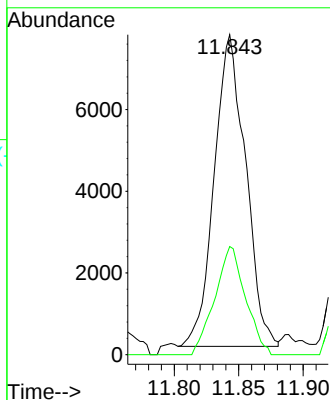
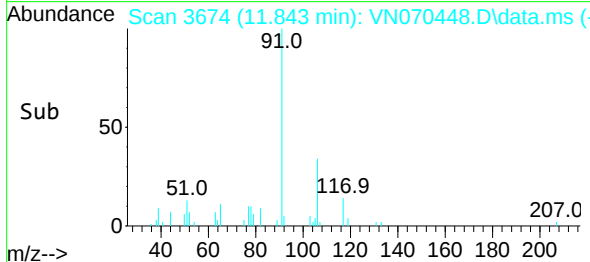
Instrument :
MSVOA_N
ClientSampleId :
TW-3



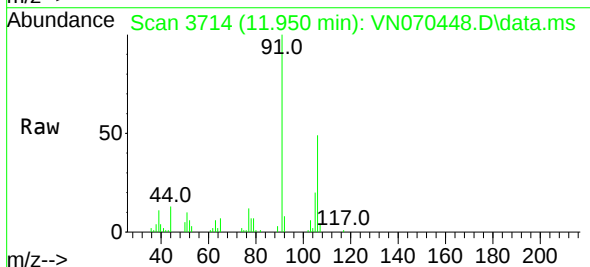
Tgt Ion: 91 Resp: 12930
Ion Ratio Lower Upper
91 100
106 34.7 25.7 38.5

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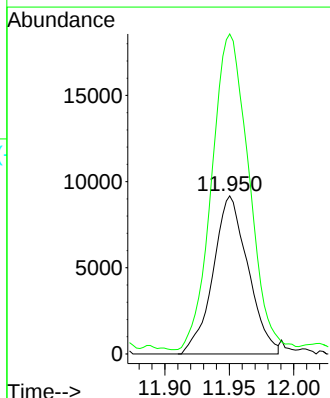
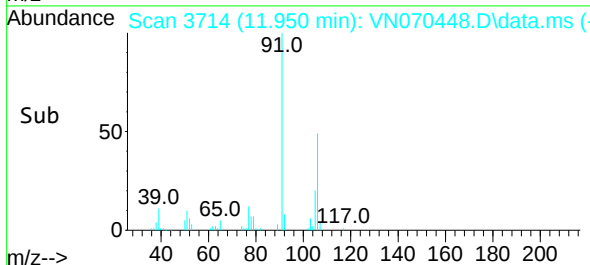
Reviewed By :John Carlone 01/04/2022
Supervised By :Mahesh Dadoda 01/04/2022

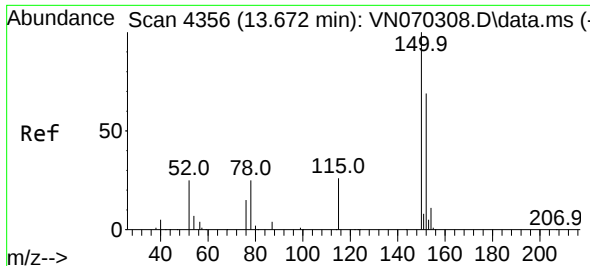


#68
m/p-Xylenes
Concen: 0.854 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070448.D
Acq: 3 Jan 2022 19:49



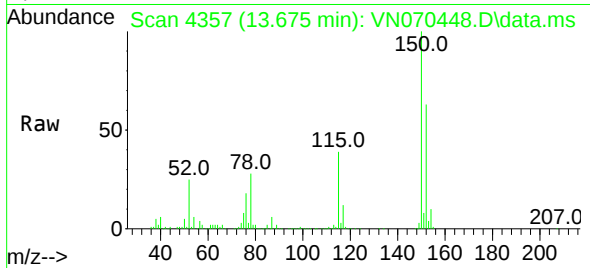
Tgt Ion:106 Resp: 17296
Ion Ratio Lower Upper
106 100
91 211.3 160.6 240.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070448.D
 Acq: 3 Jan 2022 19:49

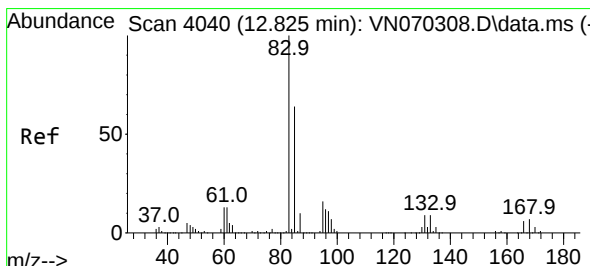
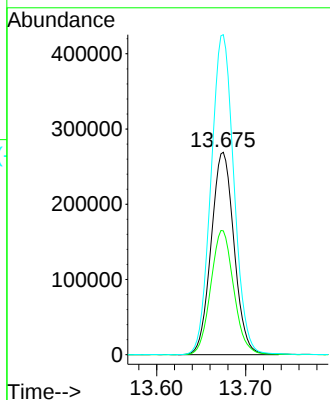
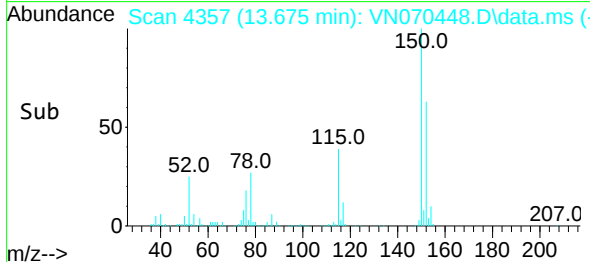
Instrument :
 MSVOA_N
 ClientSampleId :
 TW-3



Tgt Ion:152 Resp: 48170
 Ion Ratio Lower Upper
 152 100
 115 61.6 27.5 82.5
 150 158.8 0.0 344.4

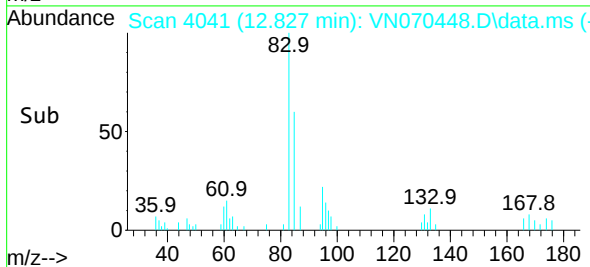
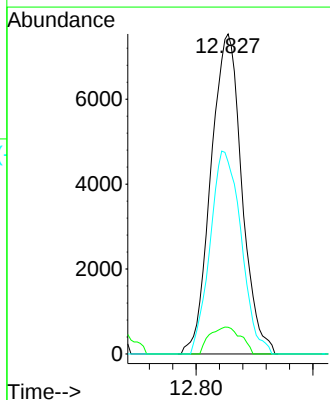
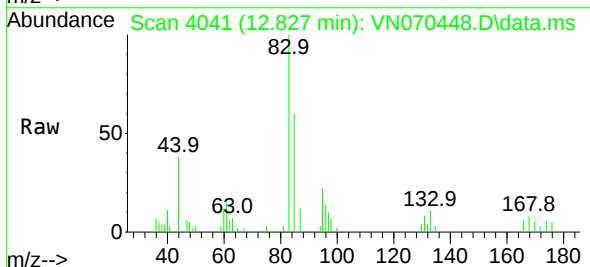
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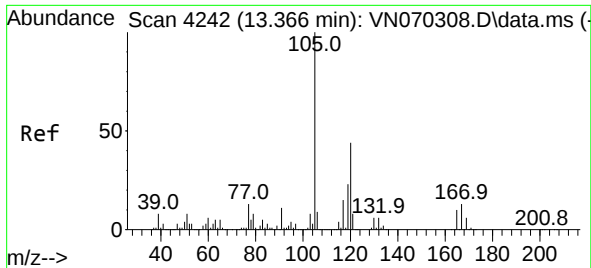
Reviewed By :John Carlone 01/04/2022
 Supervised By :Mahesh Dadoda 01/04/2022



#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.293 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. 0.002 min
 Lab File: VN070448.D
 Acq: 3 Jan 2022 19:49

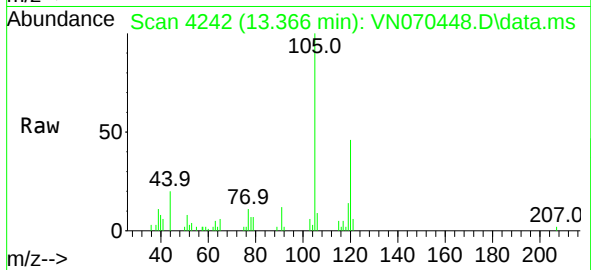
Tgt Ion: 83 Resp: 13854
 Ion Ratio Lower Upper
 83 100
 131 8.5 5.5 16.5
 85 63.6 32.4 97.2





#84
 1,2,4-Trimethylbenzene
 Concen: 0.535 ug/l
 RT: 13.366 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070448.D
 Acq: 3 Jan 2022 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-3



Tgt Ion:105 Resp: 18462
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.8 68.4

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Reviewed By :John Carlone 01/04/2022
 Supervised By :Mahesh Dadoda 01/04/2022

