

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069819.D
 Acq On : 7 Dec 2021 17:06
 Operator : JC/MD
 Sample : M4956-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D-20211205

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:37:22 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	1270400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2289899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2421932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	920602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	975768	49.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.50%		
35) Dibromofluoromethane	8.021	113	686673	47.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.74%		
50) Toluene-d8	10.443	98	2942820	51.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.20%		
62) 4-Bromofluorobenzene	12.731	95	1141674	54.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.44%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.181	96	16849m	1.39	ug/l	
24) 1,1-Dichloroethane	6.391	63	67575	2.45	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	38052	2.40	ug/l	95
30) Chloroform	7.820	83	14541	0.52	ug/l	96
44) Trichloroethene	9.215	130	219138	13.78	ug/l	92
64) Tetrachloroethene	10.977	164	8052	0.49	ug/l	97

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

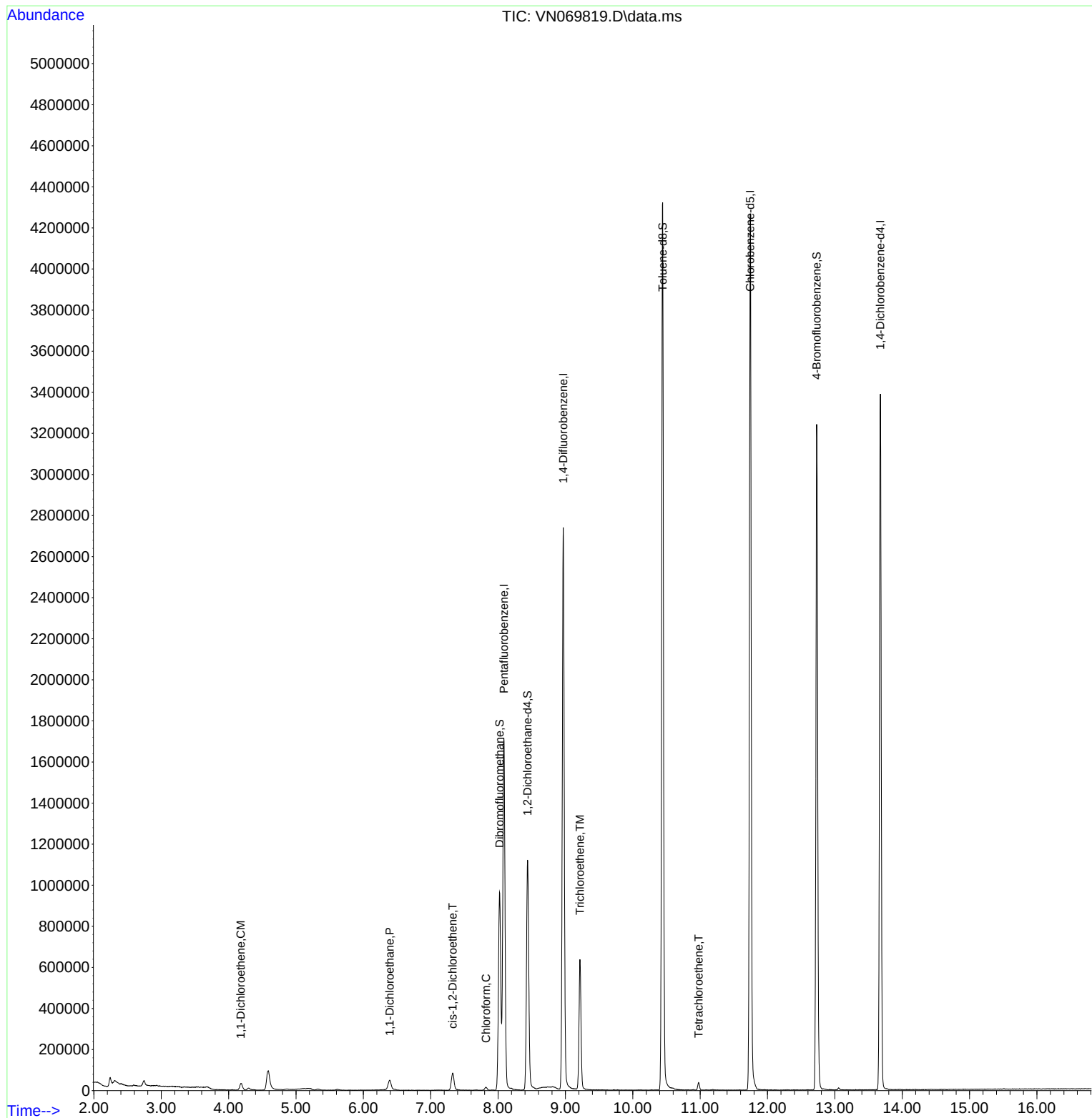
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
Data File : VN069819.D
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Operator : JC/MD
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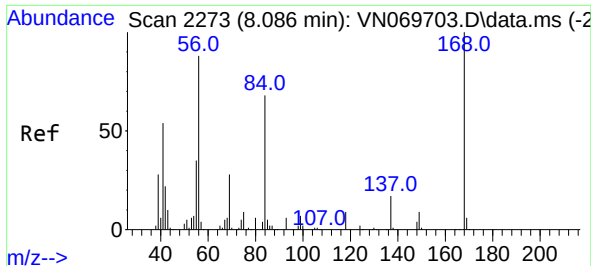
Instrument :
MSVOA_N
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MW203D-20211205

Quant Time: Dec 08 04:37:22 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

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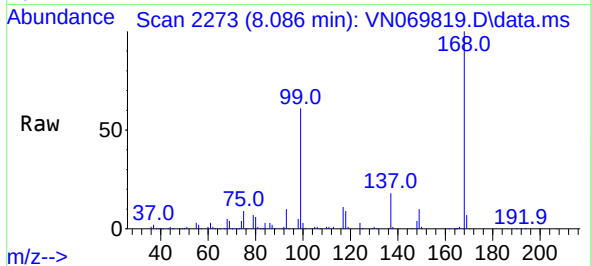
Reviewed By : John Carlone 12/08/2021
Supervised By : Amit Patel 12/14/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

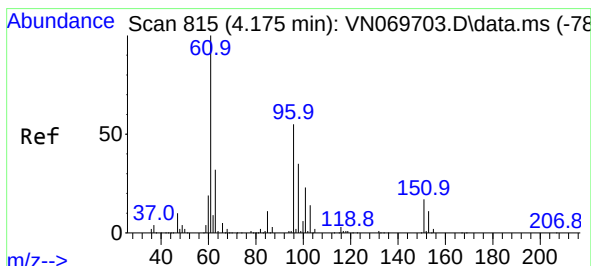
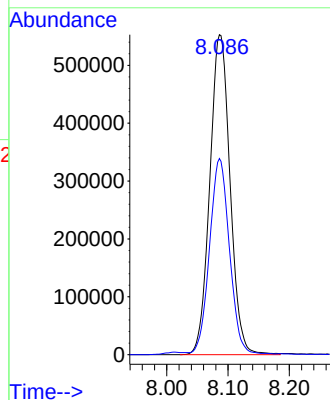
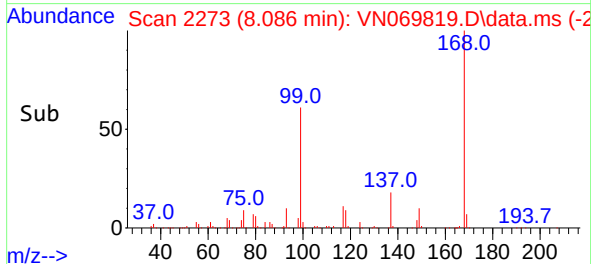
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20211205



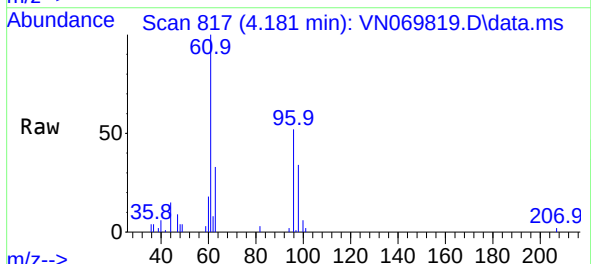
Tgt Ion:168 Resp: 1270400
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9

Manual Integrations
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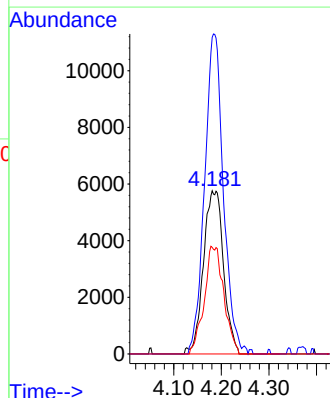
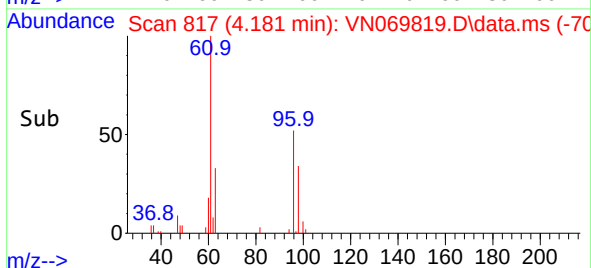
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

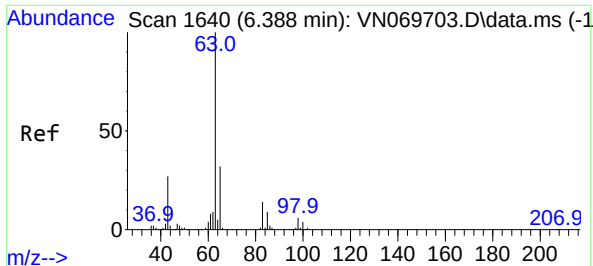


#12
1,1-Dichloroethene
Concen: 1.39 ug/l m
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06



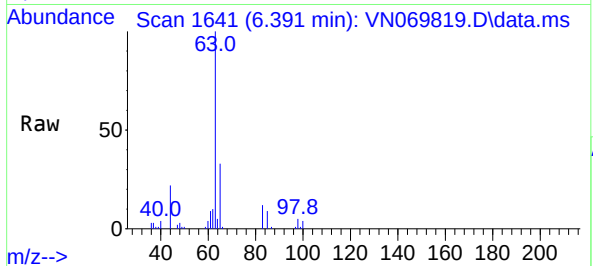
Tgt Ion: 96 Resp: 16849
Ion Ratio Lower Upper
96 100
61 194.1 131.0 196.6
98 65.4 52.4 78.6





#24
1,1-Dichloroethane
Concen: 2.45 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.003 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

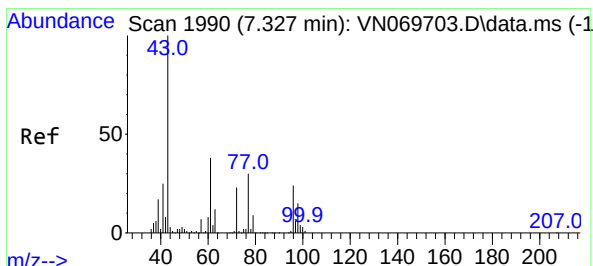
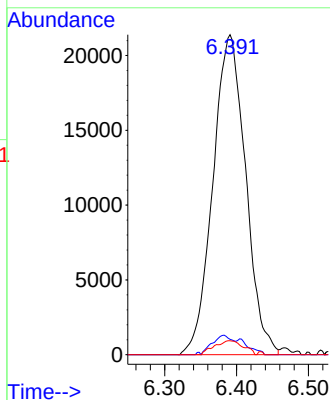
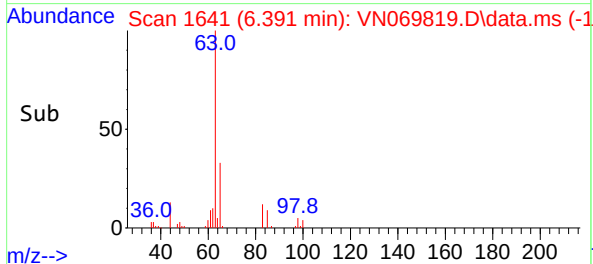
Instrument :
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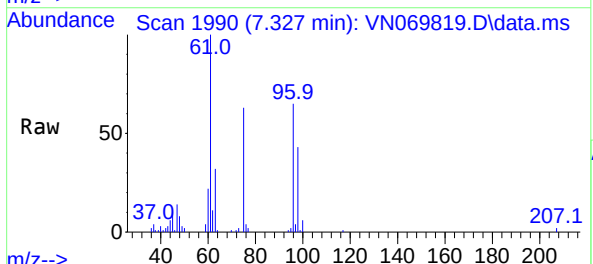
Tgt Ion: 63 Resp: 6757
Ion Ratio Lower Upper
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98 4.8 3.3 9.9
100 4.3 2.1 6.5

Manual Integrations
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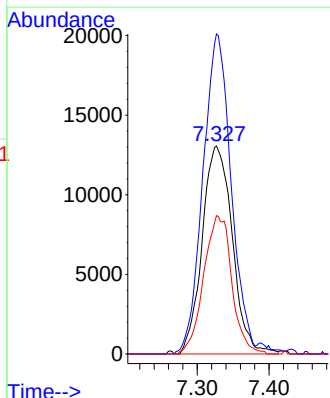
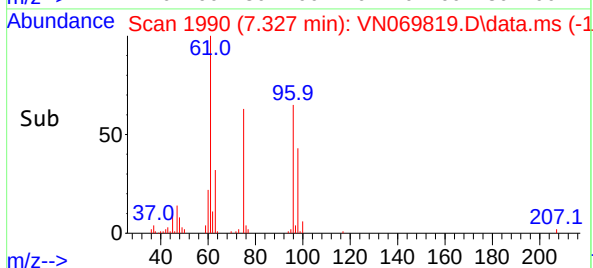
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

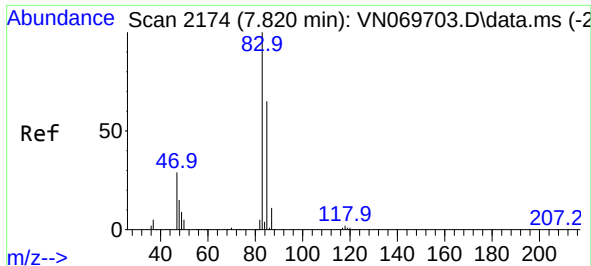


#27
cis-1,2-Dichloroethene
Concen: 2.40 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06



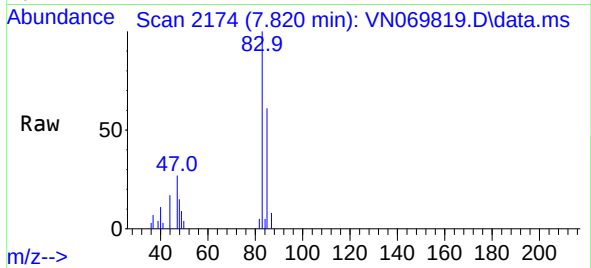
Tgt Ion: 96 Resp: 38052
Ion Ratio Lower Upper
96 100
61 143.6 0.0 275.0
98 62.0 0.0 129.6





#30
Chloroform
Concen: 0.52 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

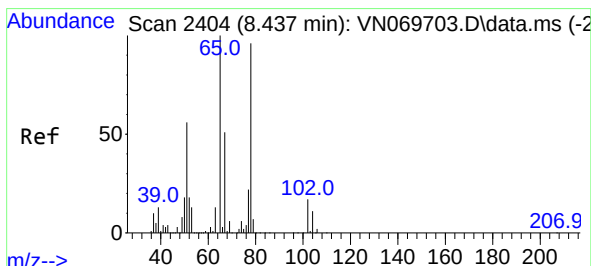
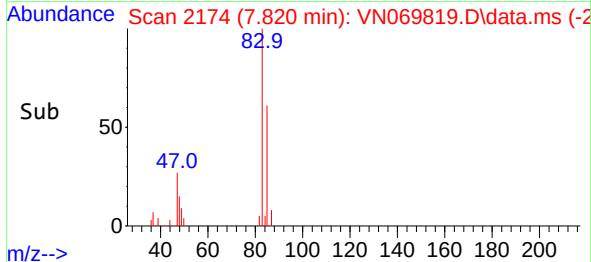
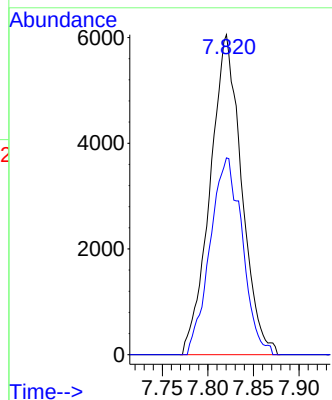
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20211205



Tgt Ion: 83 Resp: 1454
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9

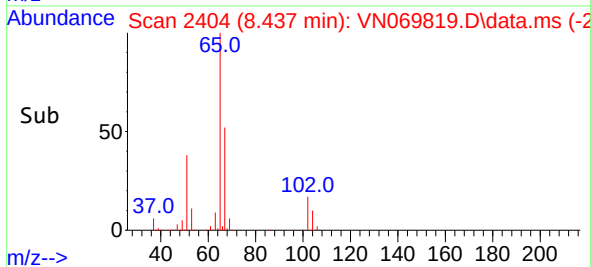
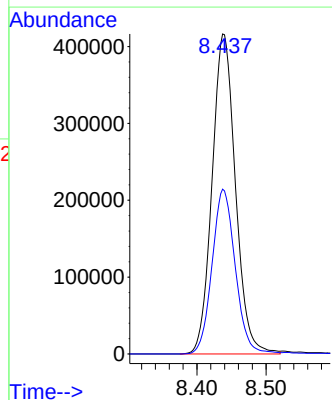
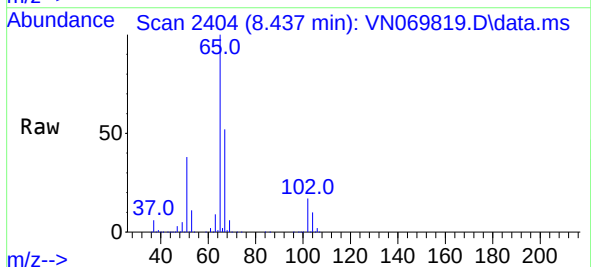
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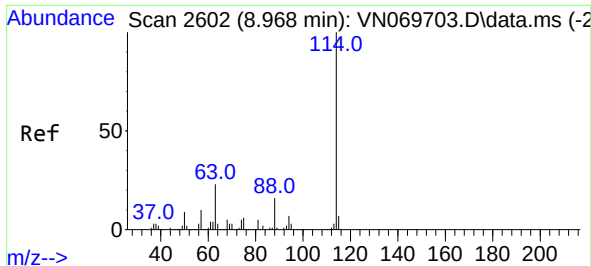
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#33
1,2-Dichloroethane-d4
Concen: 49.75 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

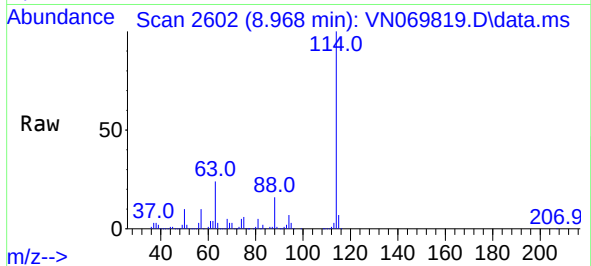
Tgt Ion: 65 Resp: 975768
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

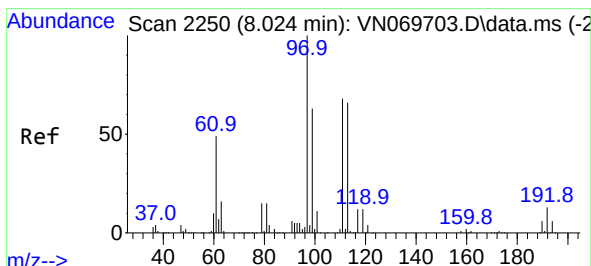
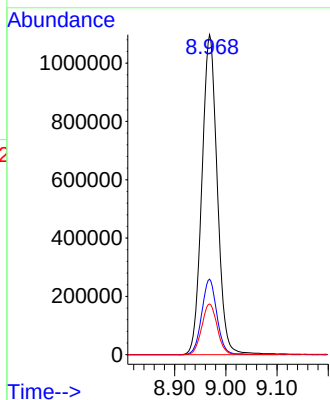
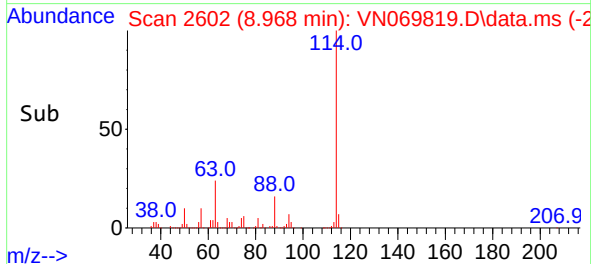
Instrument :
MSVOA_N
ClientSampleId :
MW203D-20211205



Tgt Ion:114 Resp: 228989
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 15.9 0.0 27.4

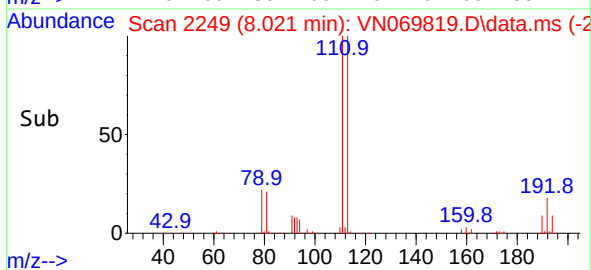
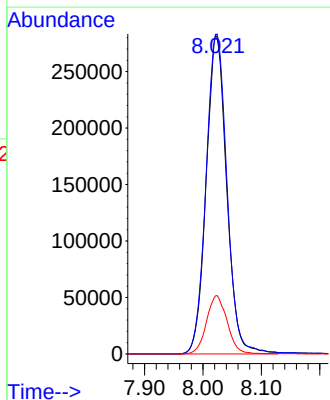
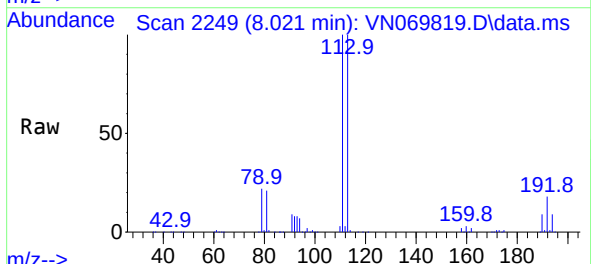
Manual Integrations
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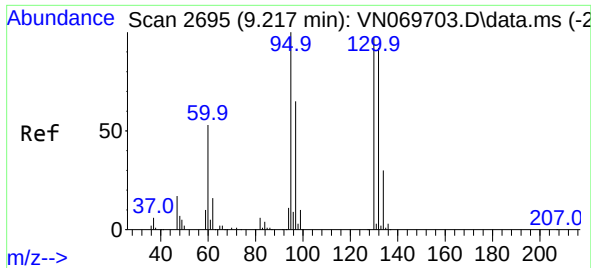
Reviewed By :John Carlone 12/08/2021
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#35
Dibromofluoromethane
Concen: 47.87 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

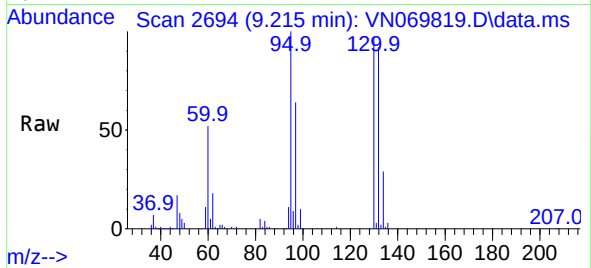
Tgt Ion:113 Resp: 686673
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.5 16.9 25.3





#44
Trichloroethene
Concen: 13.78 ug/l
RT: 9.215 min Scan# 2695
Delta R.T. -0.002 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

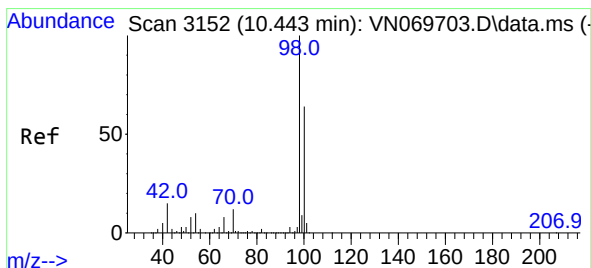
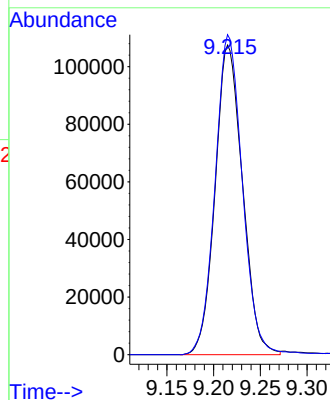
Instrument :
MSVOA_N
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MW203D-20211205



Tgt Ion:130 Resp: 219138
Ion Ratio Lower Upper
130 100
95 103.3 0.0 191.2

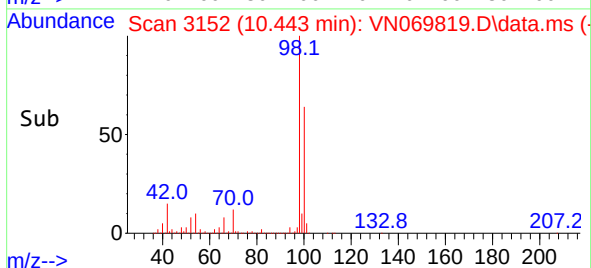
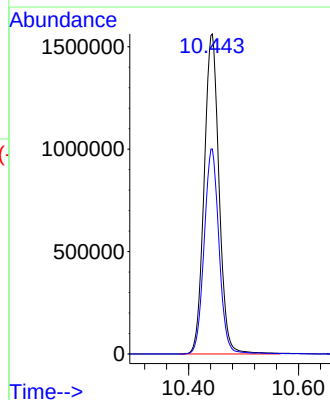
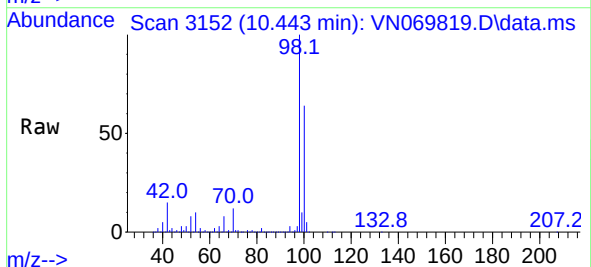
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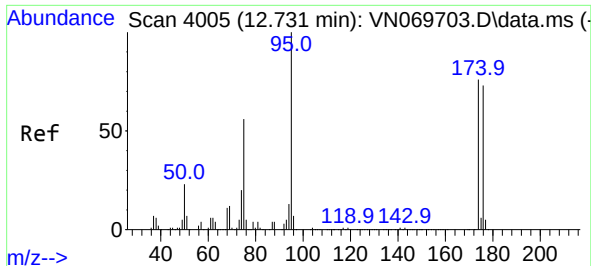
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 51.10 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

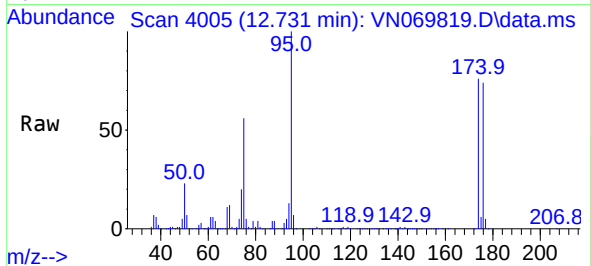
Tgt Ion: 98 Resp: 2942820
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 54.72 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

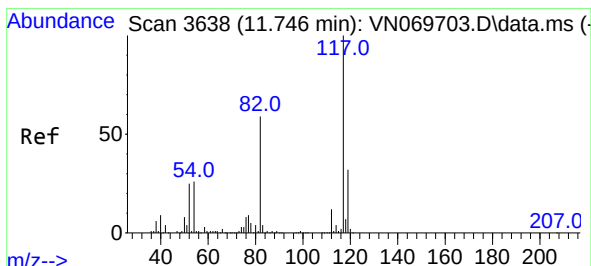
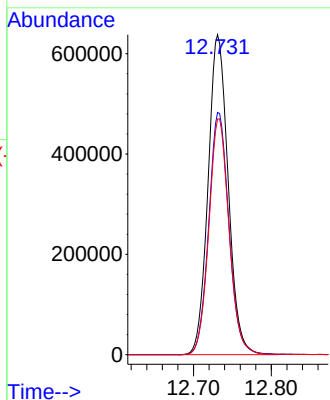
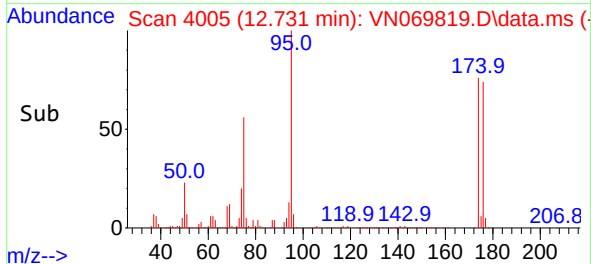
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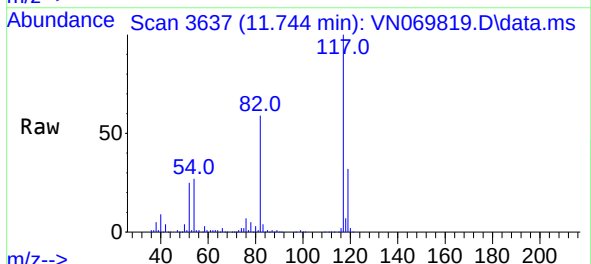
Tgt Ion: 95 Resp: 1141674
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.9 0.0 181.4

Manual Integrations
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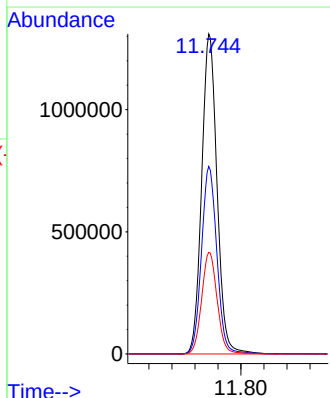
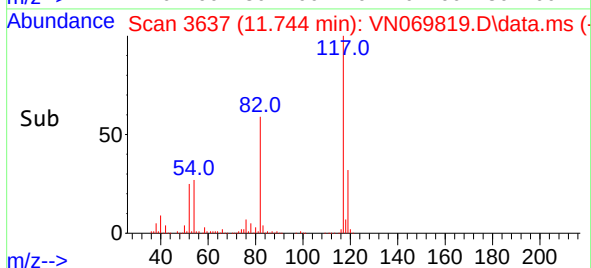
Reviewed By :John Carlone 12/08/2021
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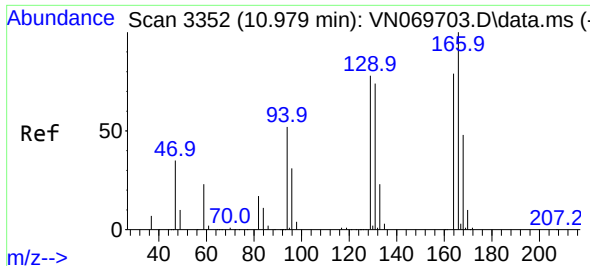


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06



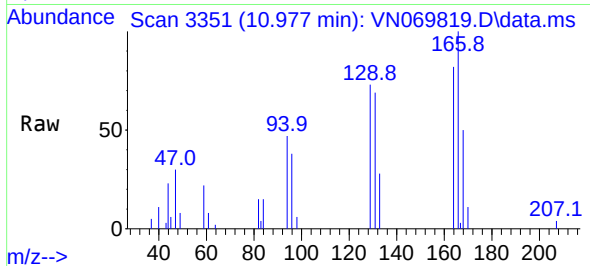
Tgt Ion:117 Resp: 2421932
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.7 25.4 38.2





#64
Tetrachloroethene
Concen: 0.49 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06

Instrument :
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ClientSampleId :
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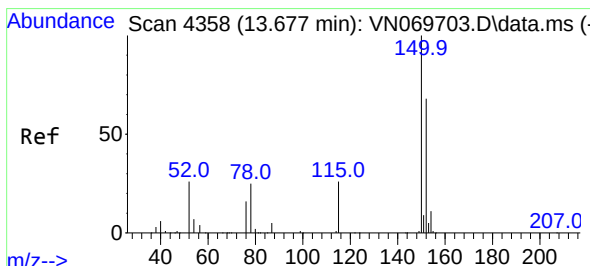
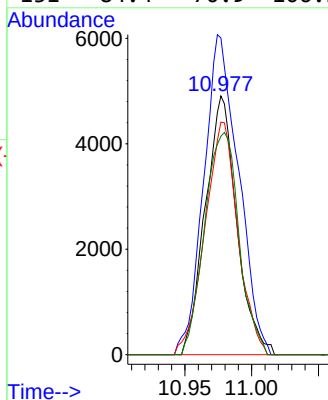
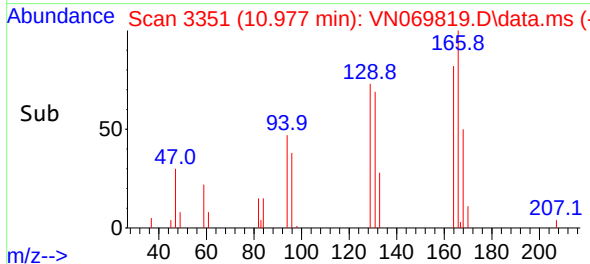


Tgt Ion:164 Resp: 8052

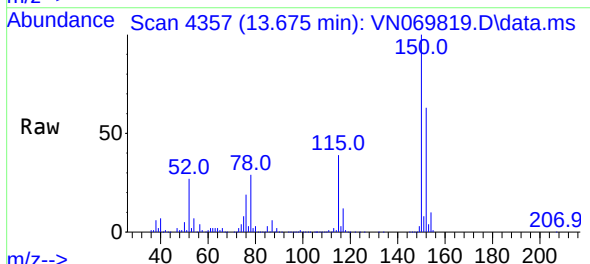
Ion	Ratio	Lower	Upper
164	100		
166	122.4	101.9	152.9
129	89.9	72.0	108.0
131	84.4	70.9	106.3

Manual Integrations
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Supervised By :Amit Patel 12/14/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069819.D
Acq: 7 Dec 2021 17:06



Tgt Ion:152 Resp: 920602

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.5	82.5
150	157.4	0.0	344.4

