

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069721.D
 Acq On : 3 Dec 2021 16:29
 Operator : JC/MD
 Sample : M4922-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D3-20211130

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:33:38 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	1554851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2683691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2677808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	964012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1143734	47.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.28%		
35) Dibromofluoromethane	8.024	113	794914	47.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.58%		
50) Toluene-d8	10.443	98	3402960	50.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.84%		
62) 4-Bromofluorobenzene	12.731	95	1217948	49.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.62%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.208	101	3349110	217.91	ug/l	96
12) 1,1-Dichloroethene	4.202	96	24121m	1.63	ug/l	
27) cis-1,2-Dichloroethene	7.321	96	10115	0.52	ug/l	90
44) Trichloroethene	9.217	130	279933	15.02	ug/l	92
45) 1,2-Dichloropropane	9.491	63	6878	0.33	ug/l	95
64) Tetrachloroethene	10.977	164	106156	5.85	ug/l	98

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

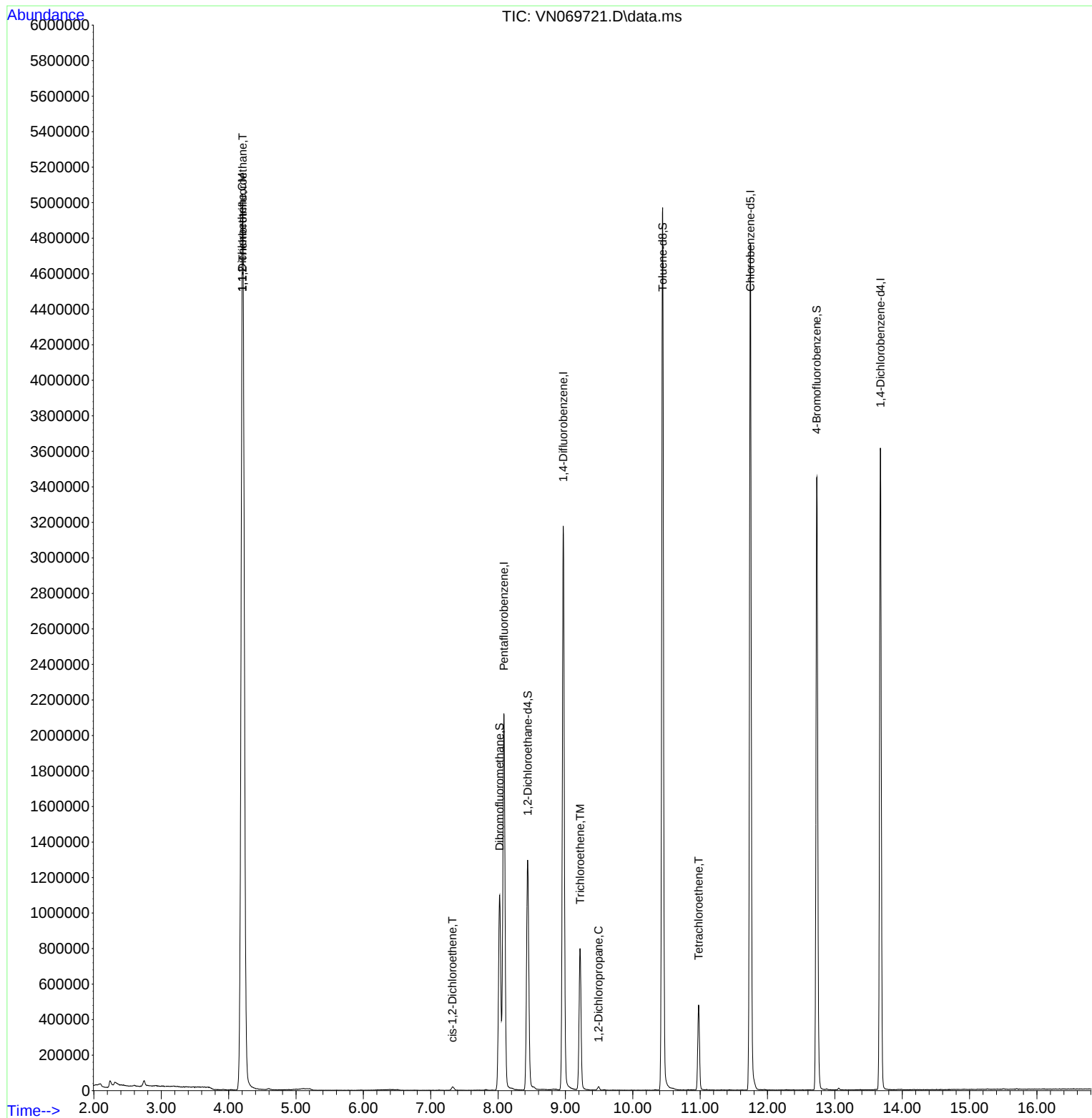
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
Data File : VN069721.D
Acq On : 3 Dec 2021 16:29
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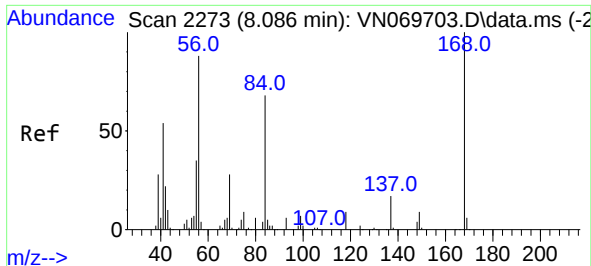
Instrument :
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ClientSampleId :
RE131D3-20211130

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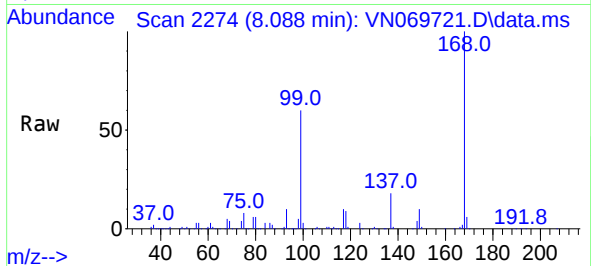
Quant Time: Dec 04 05:33:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29

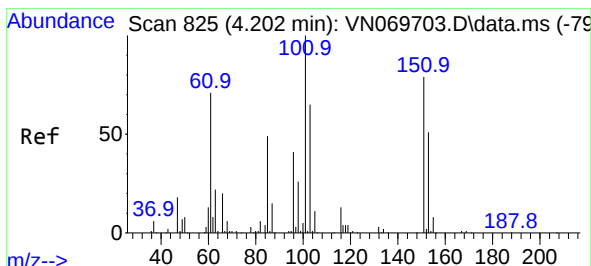
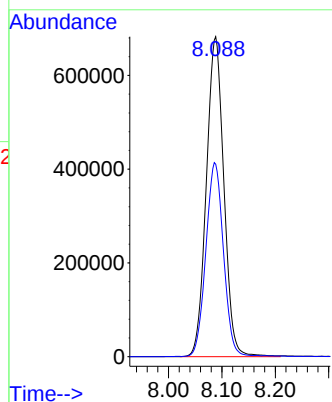
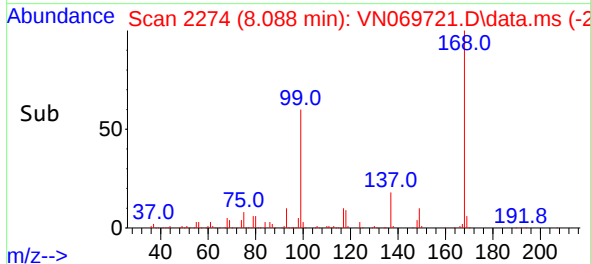
Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20211130



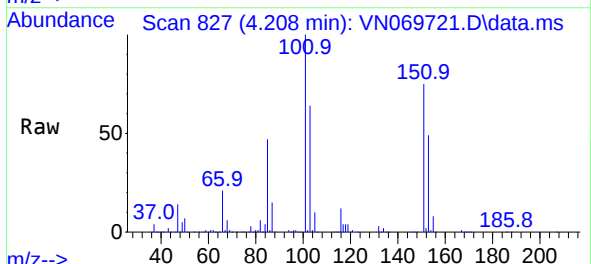
Tgt Ion:168 Resp: 155485
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

Manual Integrations
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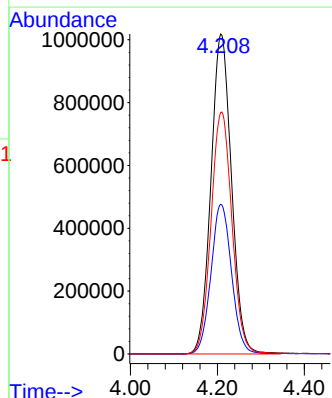
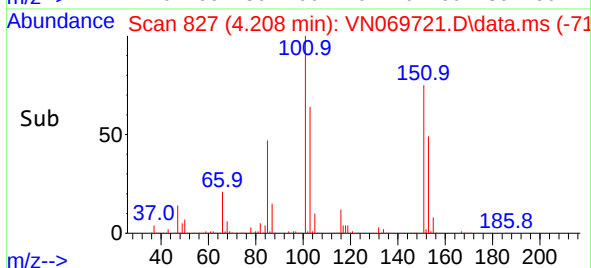
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

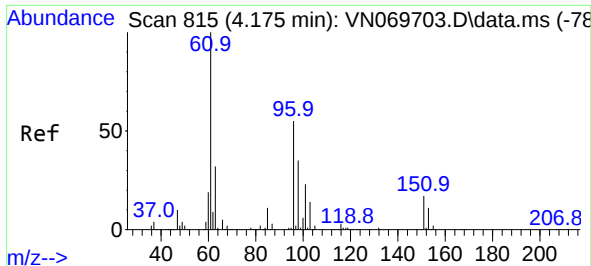


#9
1,1,2-Trichlorotrifluoroethane
Concen: 217.91 ug/l
RT: 4.208 min Scan# 827
Delta R.T. 0.006 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29



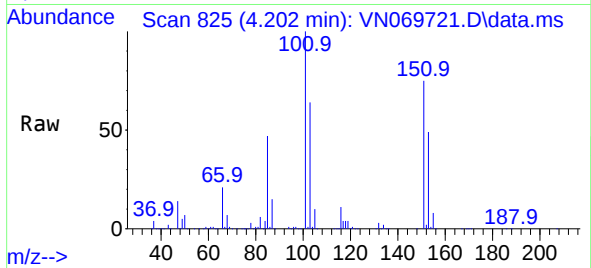
Tgt Ion:101 Resp: 3349110
Ion Ratio Lower Upper
101 100
85 46.9 37.2 55.8
151 77.0 65.9 98.9





#12
1,1-Dichloroethene
Concen: 1.63 ug/l m
RT: 4.202 min Scan# 815
Delta R.T. 0.027 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29

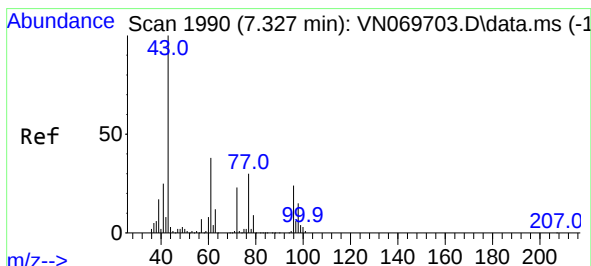
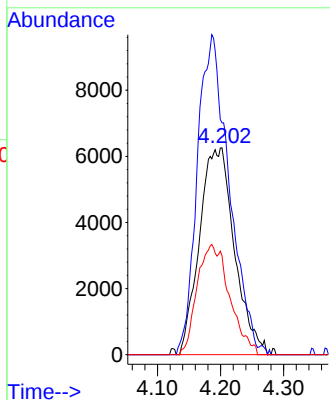
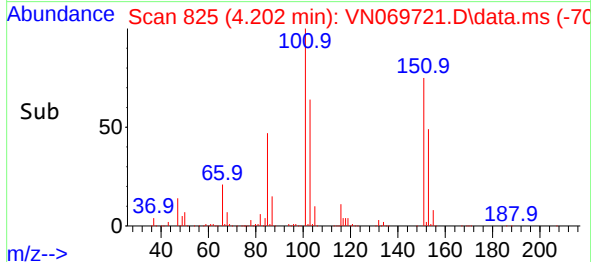
Instrument :
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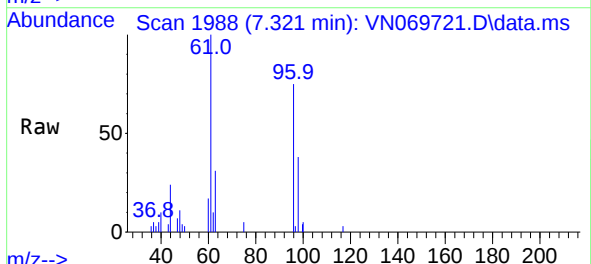
Tgt Ion: 96 Resp: 2412
Ion Ratio Lower Upper
96 100
61 112.1 131.0 196.6
98 47.7 52.4 78.6

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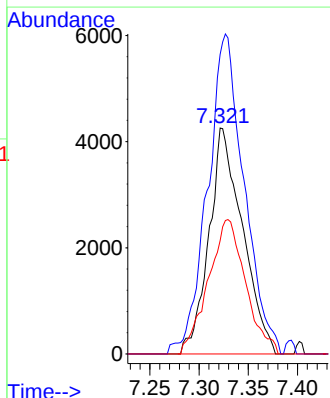
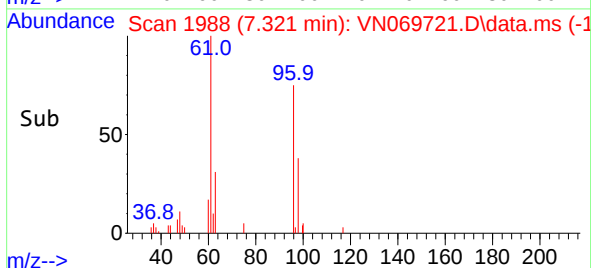
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

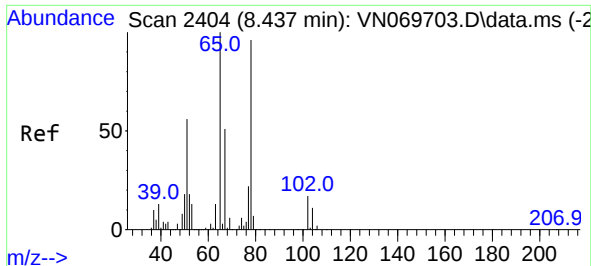


#27
cis-1,2-Dichloroethene
Concen: 0.52 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.005 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29



Tgt Ion: 96 Resp: 10115
Ion Ratio Lower Upper
96 100
61 153.9 0.0 275.0
98 65.9 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 47.64 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN069721.D

Acq: 3 Dec 2021 16:29

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 65 Resp: 1143734

Ion Ratio Lower Upper

65 100

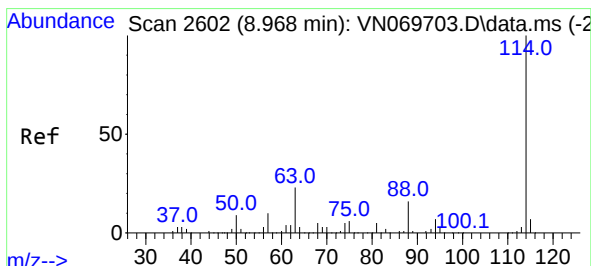
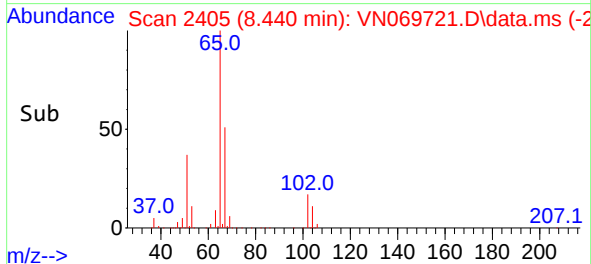
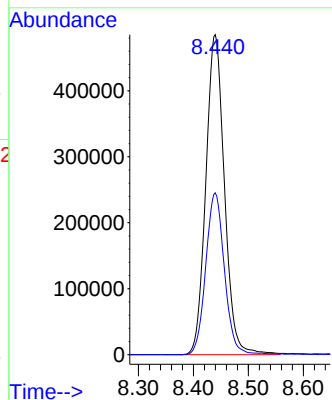
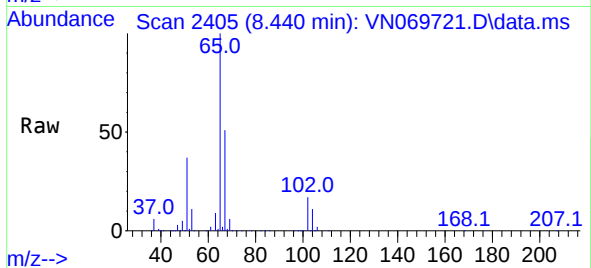
67 50.6 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069721.D

Acq: 3 Dec 2021 16:29

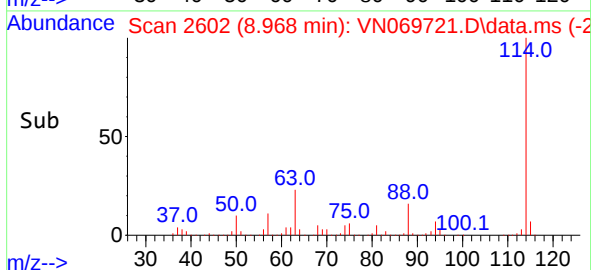
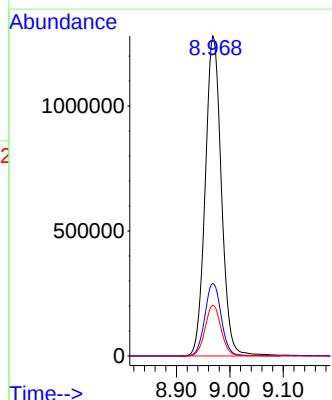
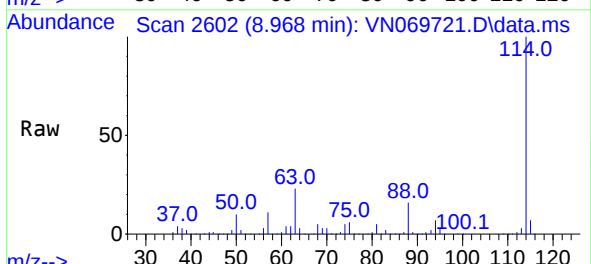
Tgt Ion:114 Resp: 2683691

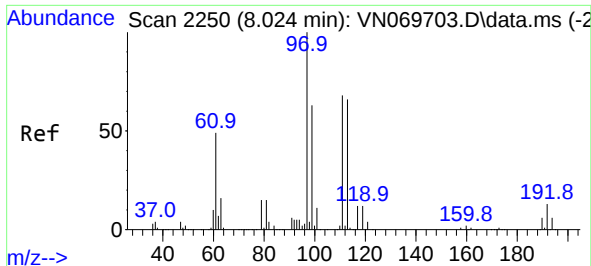
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

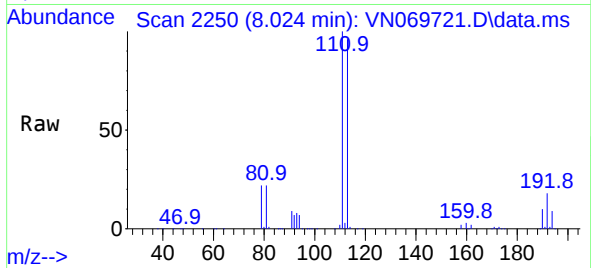
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.29 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29

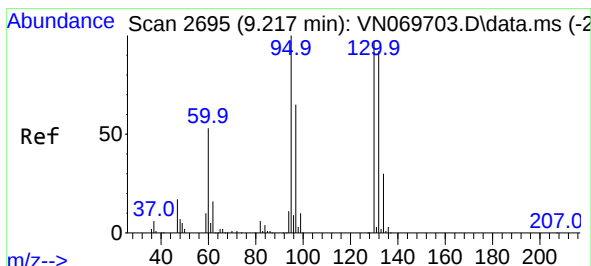
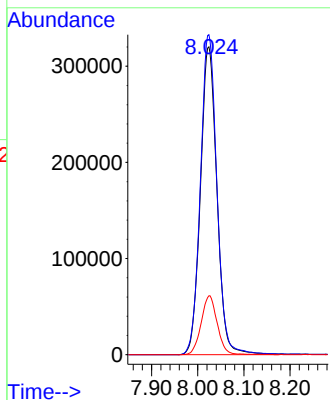
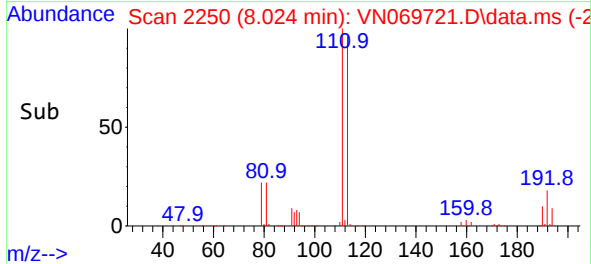
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Tgt Ion:113 Resp: 794914
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.6 16.9 25.3

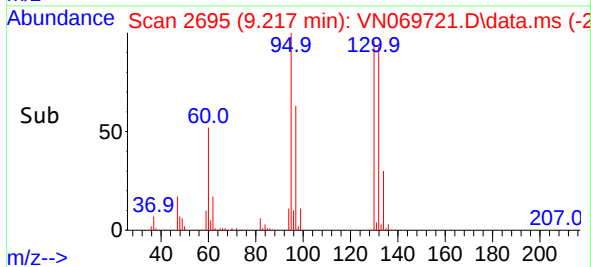
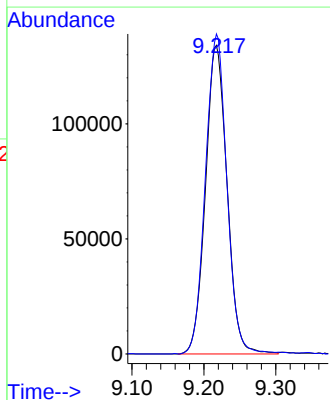
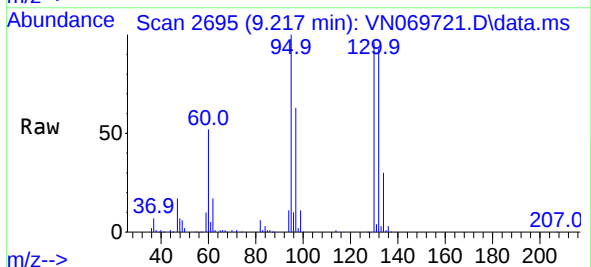
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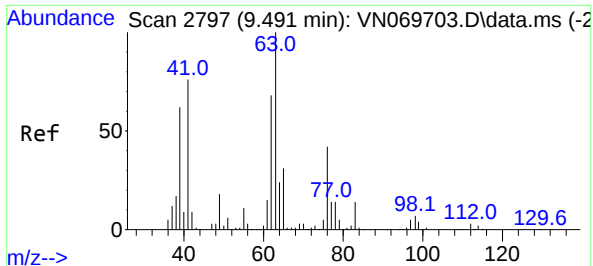
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 15.02 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29

Tgt Ion:130 Resp: 279933
Ion Ratio Lower Upper
130 100
95 103.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.33 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069721.D

Acq: 3 Dec 2021 16:29

Instrument :

MSVOA_N

ClientSampleId :

RE131D3-20211130

Tgt Ion: 63 Resp: 6878

Ion Ratio Lower Upper

63 100

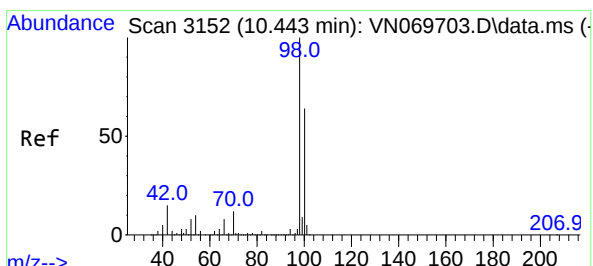
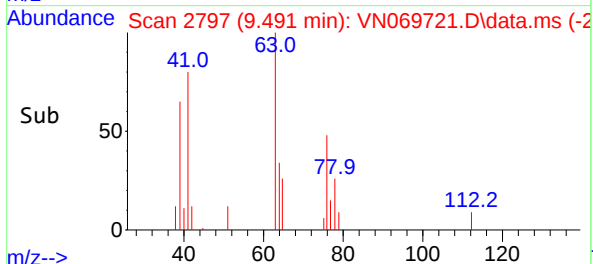
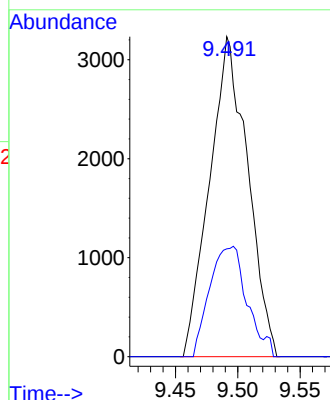
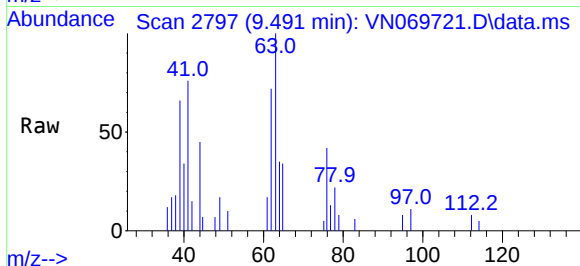
65 33.7 24.7 37.1

Manual Integrations

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#50

Toluene-d8

Concen: 50.42 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069721.D

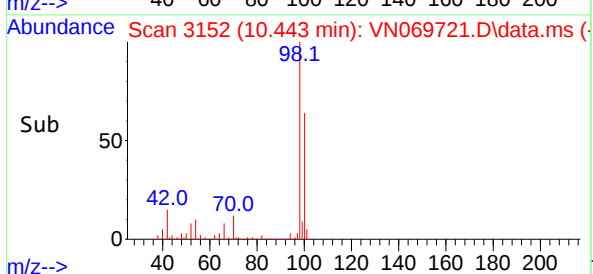
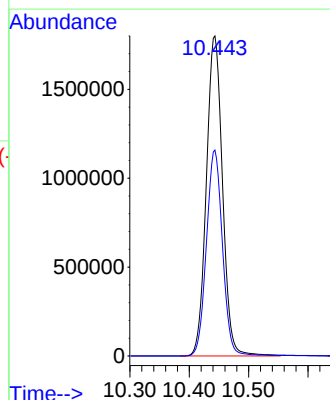
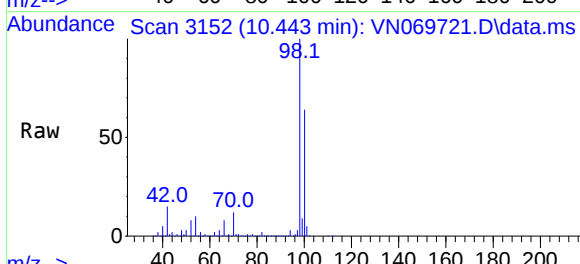
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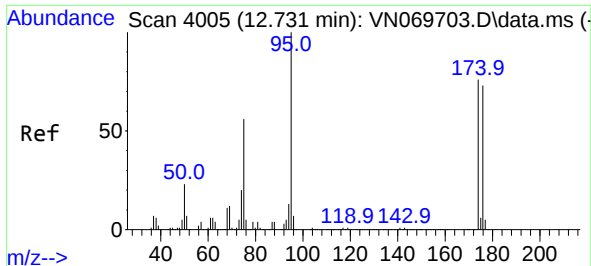
Tgt Ion: 98 Resp: 3402960

Ion Ratio Lower Upper

98 100

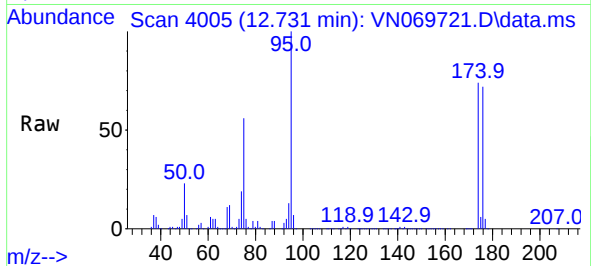
100 63.8 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 49.81 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29

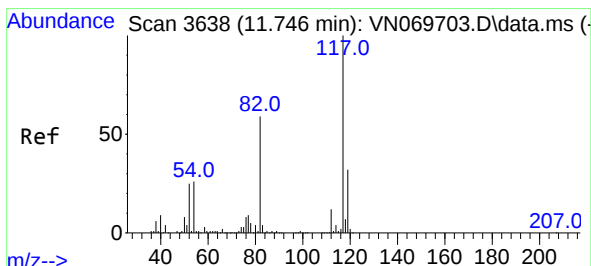
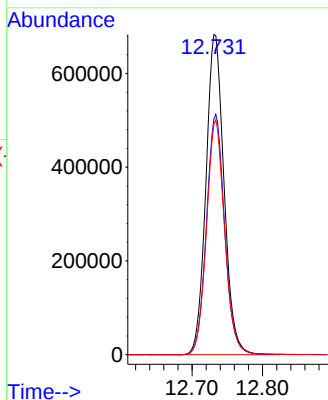
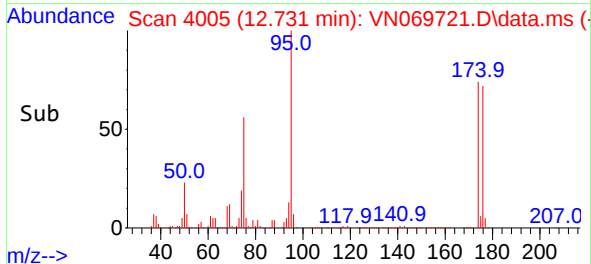
Instrument :
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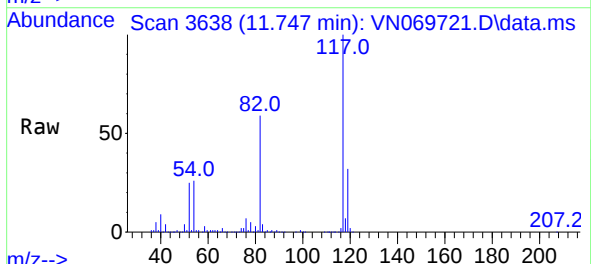
Tgt Ion: 95 Resp: 1217948
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.2 0.0 181.4

Manual Integrations
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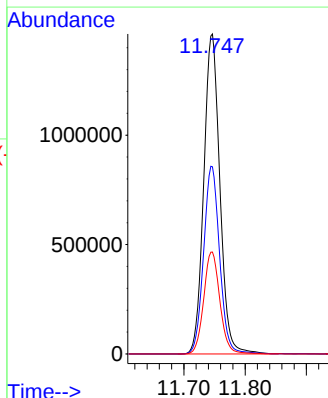
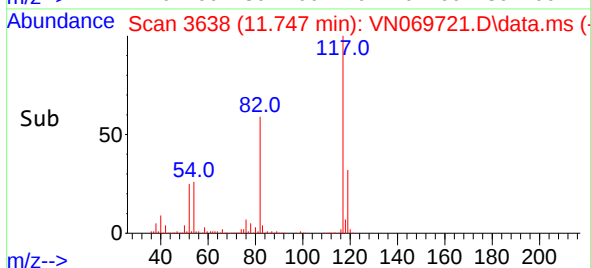
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

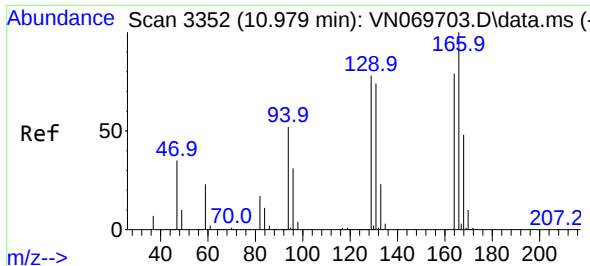


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29



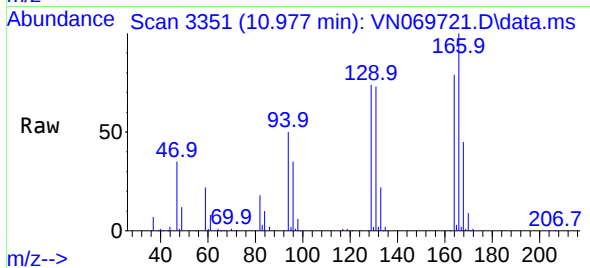
Tgt Ion:117 Resp: 2677808
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.9 25.4 38.2





#64
Tetrachloroethene
Concen: 5.85 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29

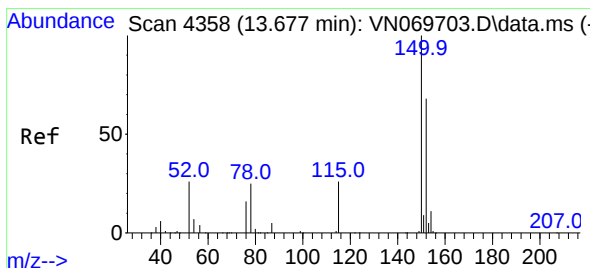
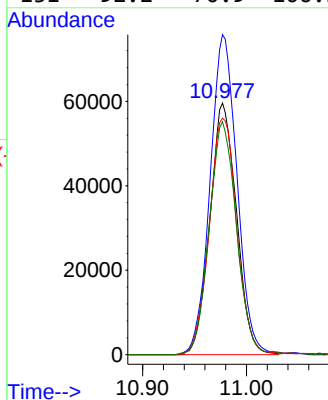
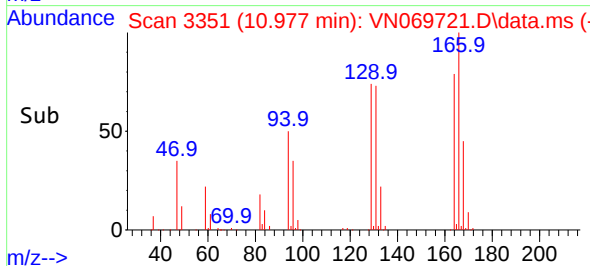
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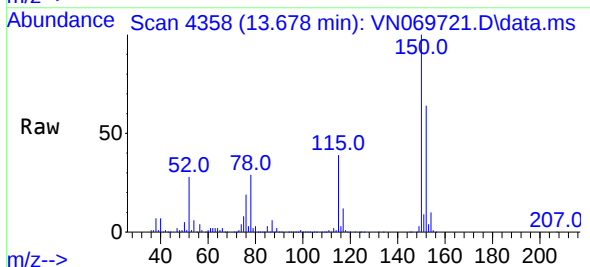
Tgt Ion:164 Resp: 106150
Ion Ratio Lower Upper
164 100
166 127.1 101.9 152.9
129 93.9 72.0 108.0
131 92.2 70.9 106.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069721.D
Acq: 3 Dec 2021 16:29



Tgt Ion:152 Resp: 964012
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 157.1 0.0 344.4

