

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069808.D
 Acq On : 7 Dec 2021 12:26
 Operator : JC/MD
 Sample : M4956-08 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204

Manual Integrations
 APPROVED

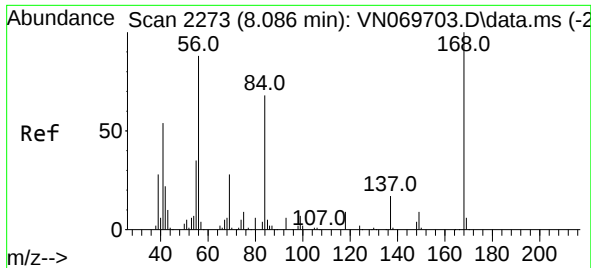
Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:33:36 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)

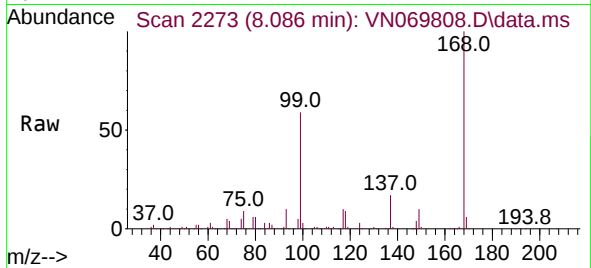
Internal Standards						
1) Pentafluorobenzene	8.086	168	1314353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2323073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2457640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	958705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	995661	49.063	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.120%		
35) Dibromofluoromethane	8.021	113	687748	47.264	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.520%		
50) Toluene-d8	10.440	98	3004657	51.425	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.840%		
62) 4-Bromofluorobenzene	12.731	95	1156984	54.659	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.320%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.213	101	15920m	1.225	ug/l	
12) 1,1-Dichloroethene	4.181	96	5467	0.437	ug/l	82
44) Trichloroethene	9.217	130	1652148	102.402	ug/l	92
74) N-amyl acetate	12.390	43	11951m	0.317	ug/l	
89) n-Butylbenzene	13.946	91	14536	0.278	ug/l	96
93) 1,2,4-Trichlorobenzene	15.263	180	9117	3.424	ug/l	94
95) Naphthalene	15.504	128	38615	4.744	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.697	180	11711	3.162	ug/l	98

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

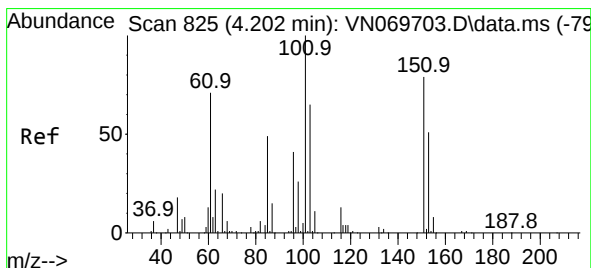
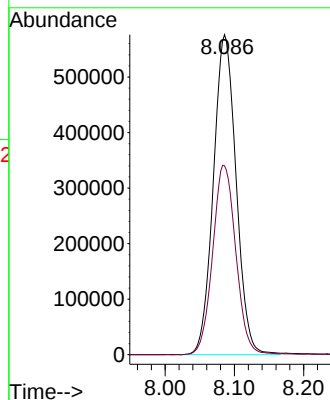
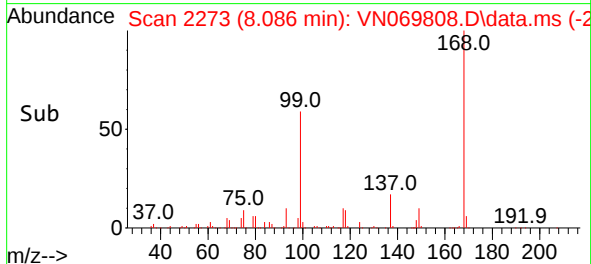
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 131435
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9

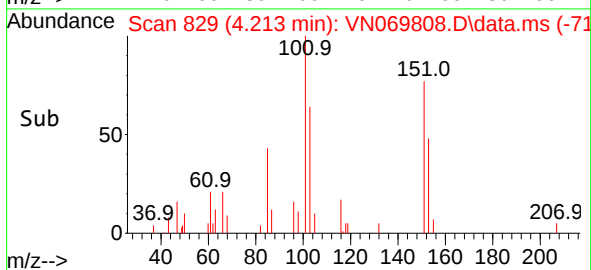
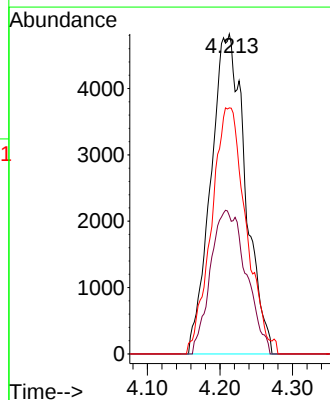
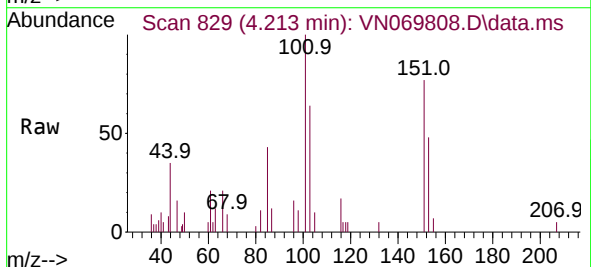
Manual Integrations
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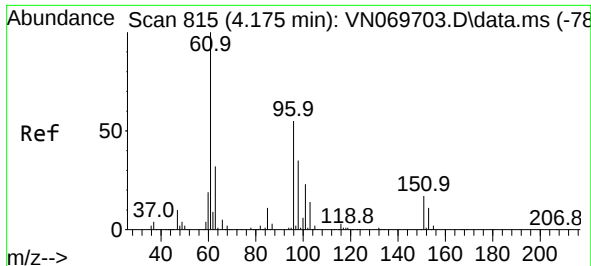
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.225 ug/l m
RT: 4.213 min Scan# 829
Delta R.T. 0.011 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

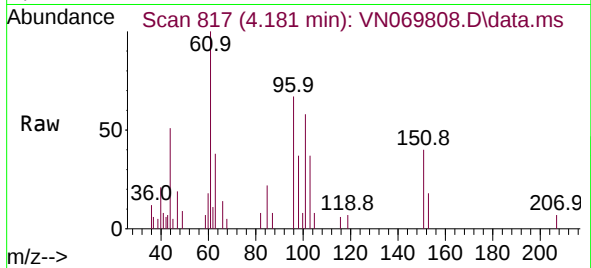
Tgt Ion:101 Resp: 15920
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 77.3 65.9 98.9





#12
1,1-Dichloroethene
Concen: 0.437 ug/l
RT: 4.181 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

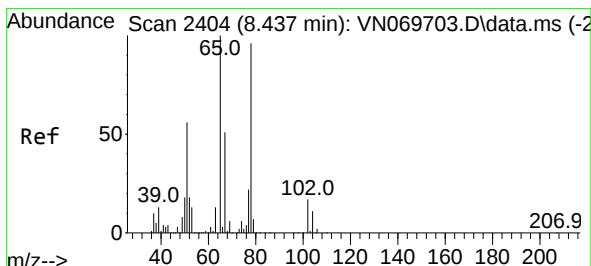
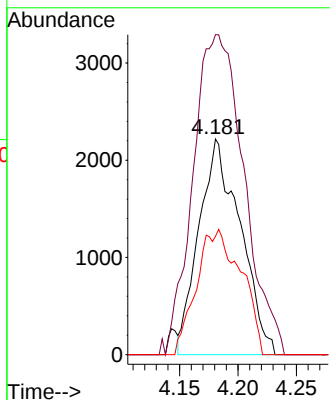
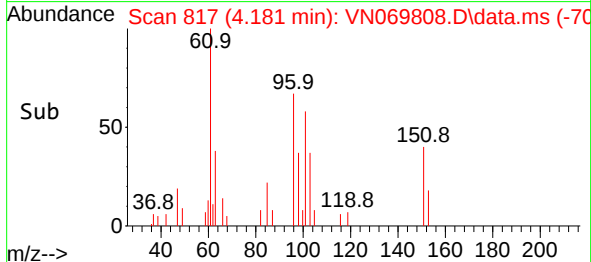
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204



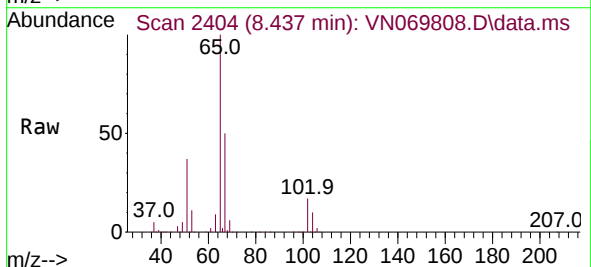
Tgt Ion: 96 Resp: 546
Ion Ratio Lower Upper
96 100
61 136.3 131.0 196.6
98 54.9 52.4 78.6

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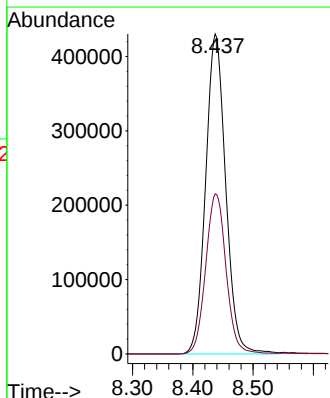
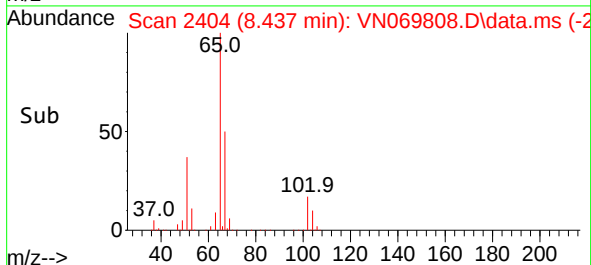
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

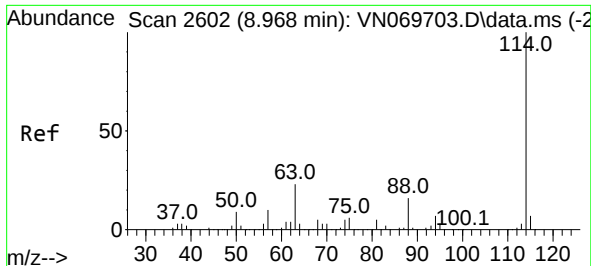


#33
1,2-Dichloroethane-d4
Concen: 49.063 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26



Tgt Ion: 65 Resp: 995661
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

Instrument :

MSVOA_N

ClientSampleId :

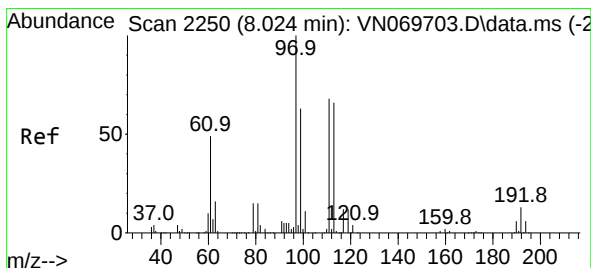
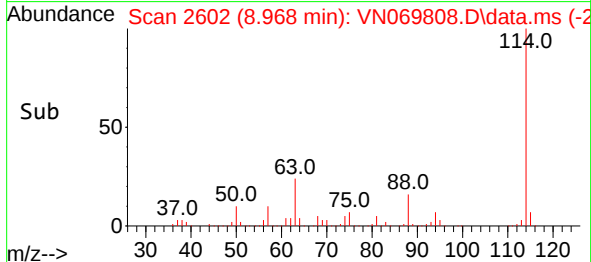
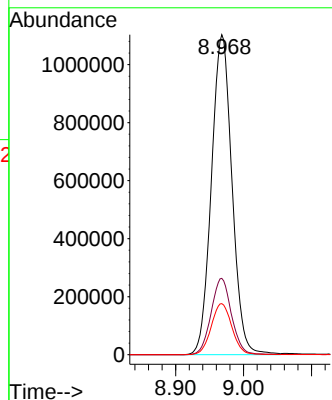
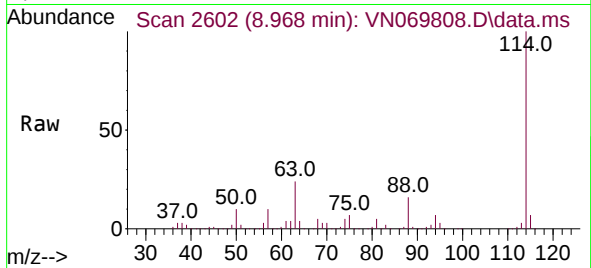
RE137-20211204

Tgt Ion:114 Resp: 232307
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.0 0.0 27.4

Manual Integrations

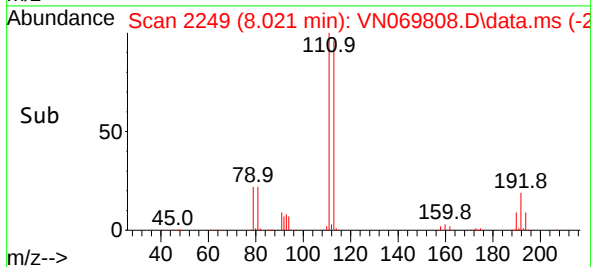
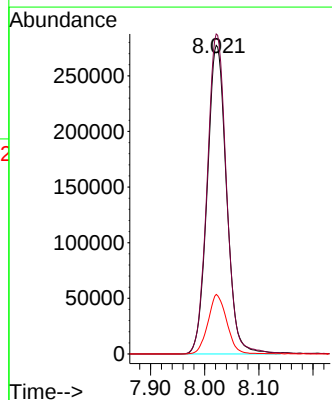
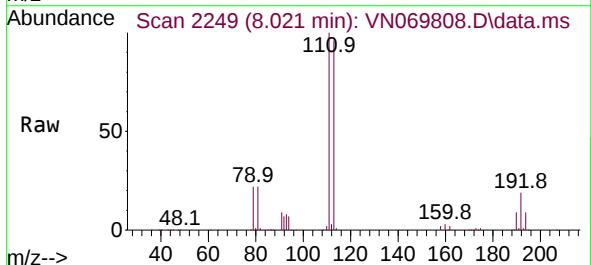
APPROVED

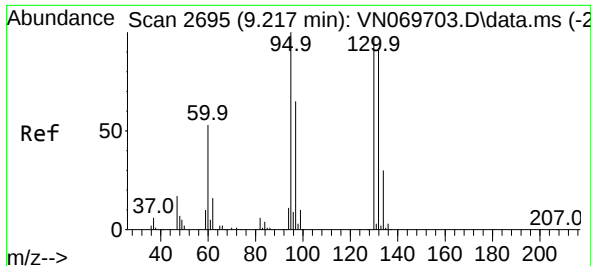
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#35
Dibromofluoromethane
Concen: 47.264 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

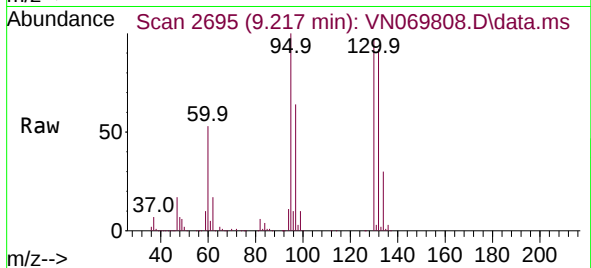
Tgt Ion:113 Resp: 687748
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.7 16.9 25.3





#44
Trichloroethene
Concen: 102.402 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

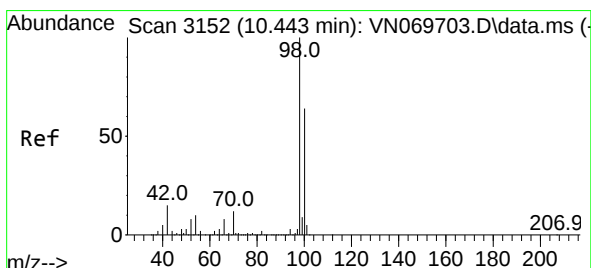
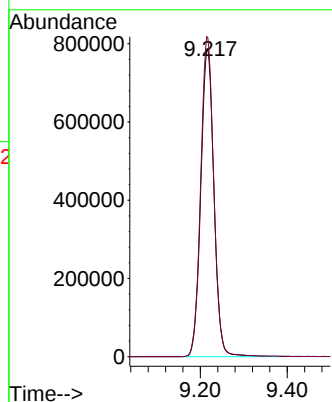
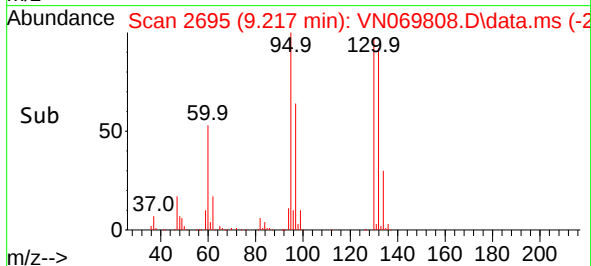
Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204



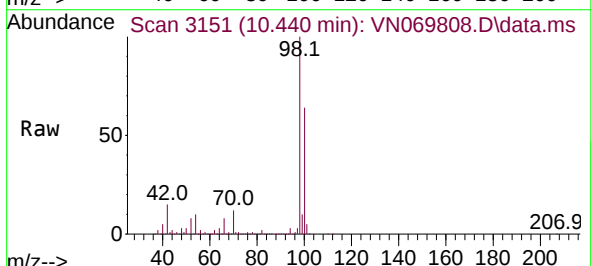
Tgt Ion:130 Resp: 165214
Ion Ratio Lower Upper
130 100
95 103.6 0.0 191.2

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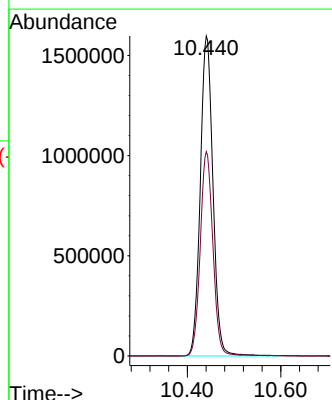
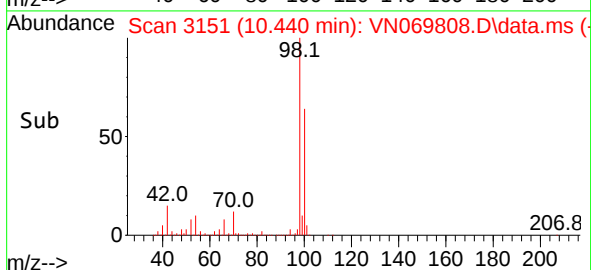
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

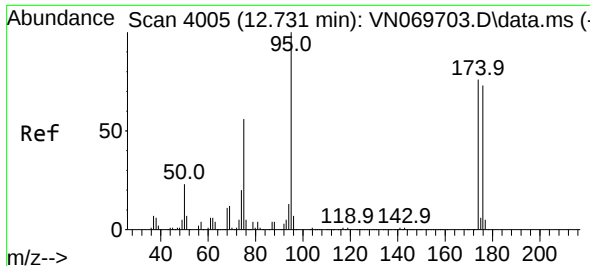


#50
Toluene-d8
Concen: 51.425 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26



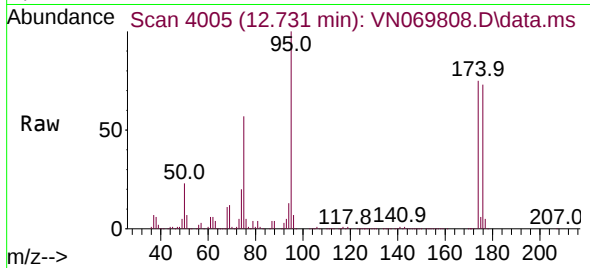
Tgt Ion: 98 Resp: 3004657
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 54.659 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

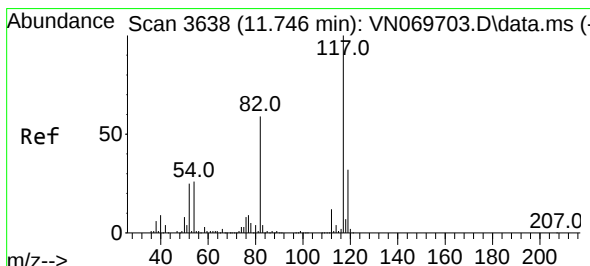
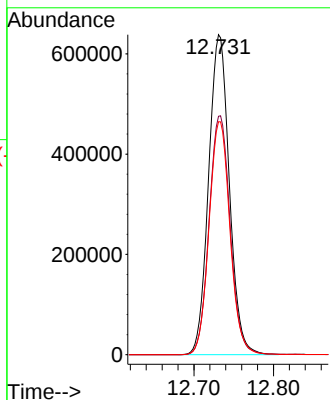
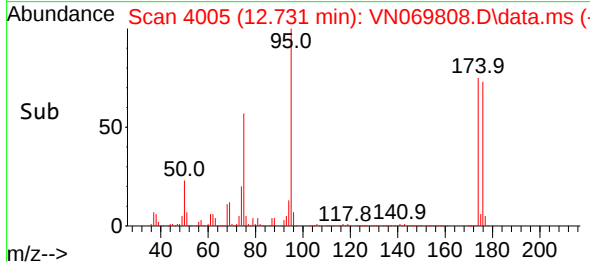
Instrument :
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ClientSampleId :
RE137-20211204



Tgt Ion: 95 Resp: 1156984
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.6 0.0 181.4

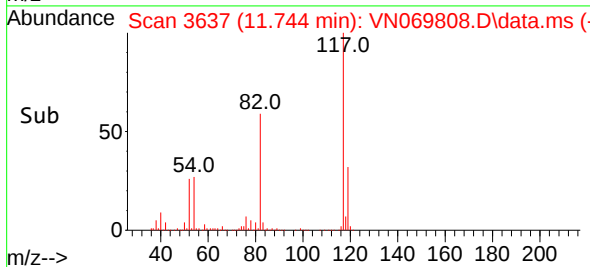
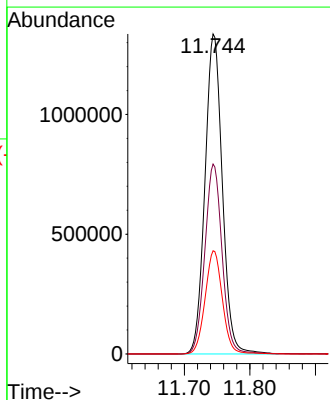
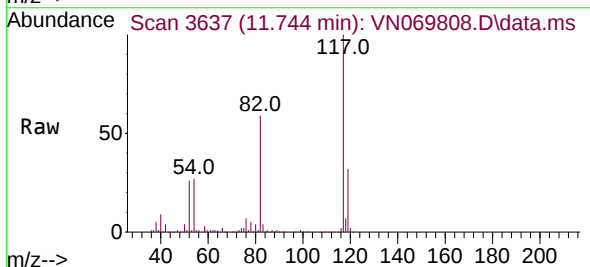
Manual Integrations
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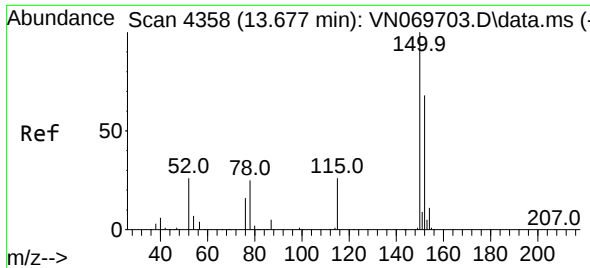
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

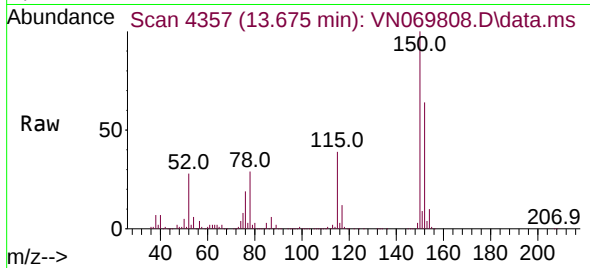
Tgt Ion:117 Resp: 2457640
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.2 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

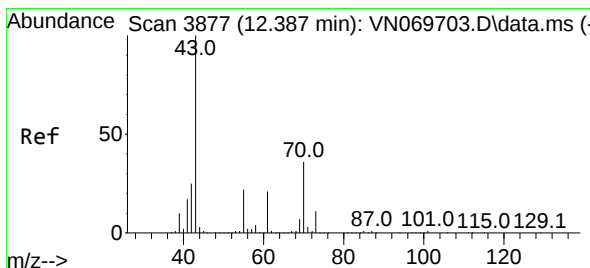
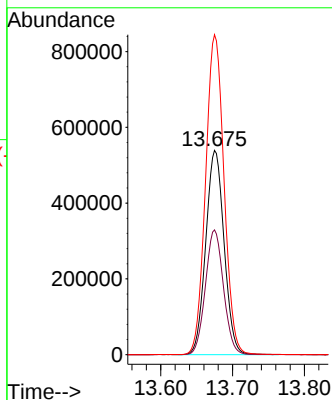
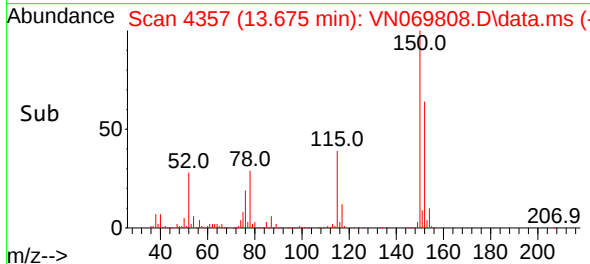
Instrument :
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RE137-20211204



Tgt Ion:152 Resp: 958708
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 157.0 0.0 344.4

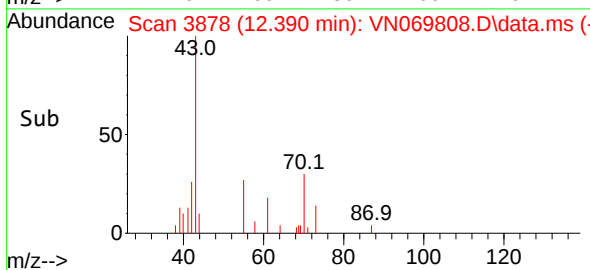
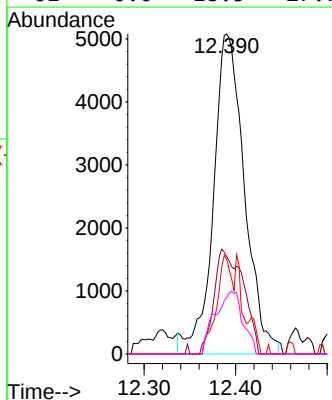
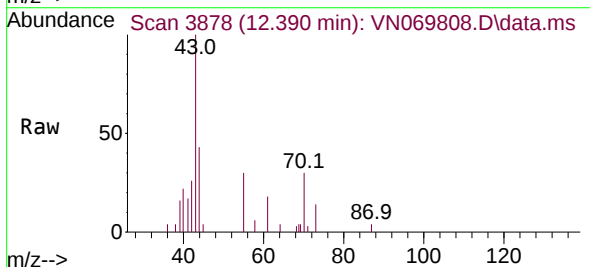
Manual Integrations
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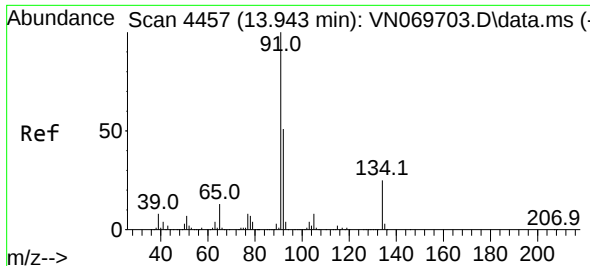
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 0.317 ug/l m
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

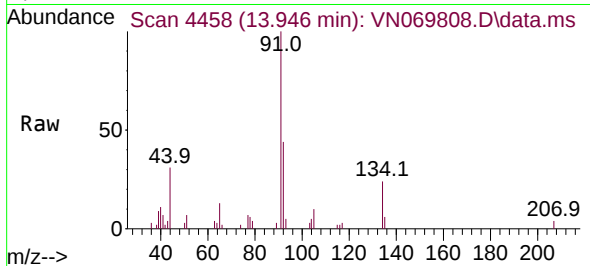
Tgt Ion: 43 Resp: 11951
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#





#89
n-Butylbenzene
Concen: 0.278 ug/l
RT: 13.946 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

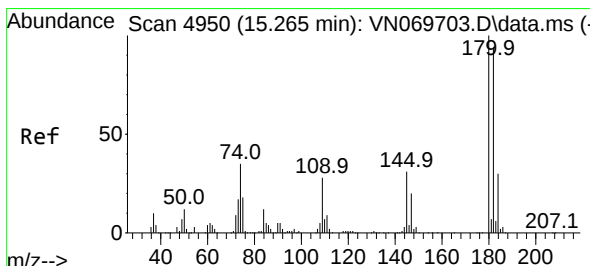
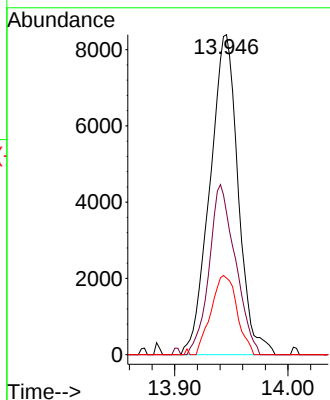
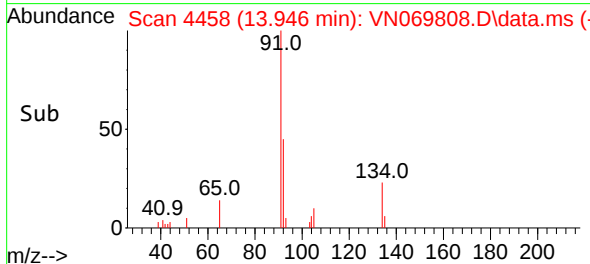
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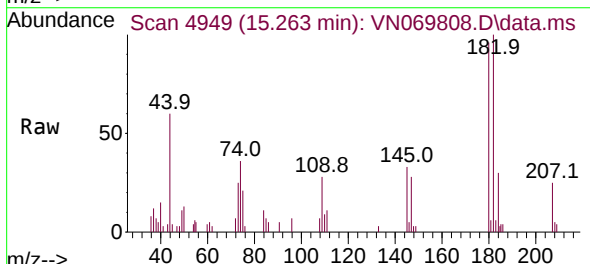
Tgt Ion: 91 Resp: 1453
Ion Ratio Lower Upper
91 100
92 49.3 25.4 76.0
134 22.7 13.6 40.8

Manual Integrations
APPROVED

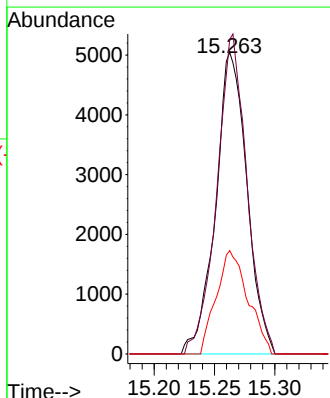
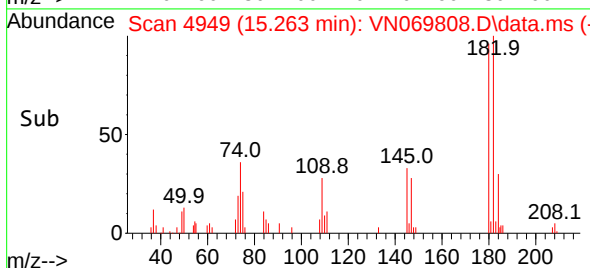
Reviewed By :John Carlone 12/08/2021
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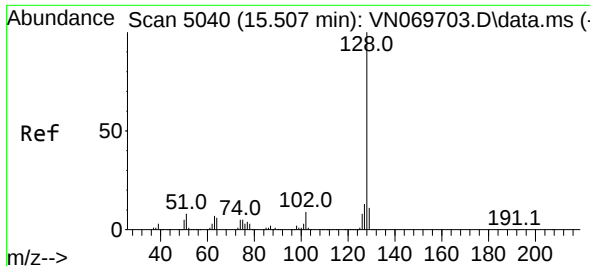


#93
1,2,4-Trichlorobenzene
Concen: 3.424 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26



Tgt Ion:180 Resp: 9117
Ion Ratio Lower Upper
180 100
182 101.7 48.3 144.9
145 34.6 14.5 43.5





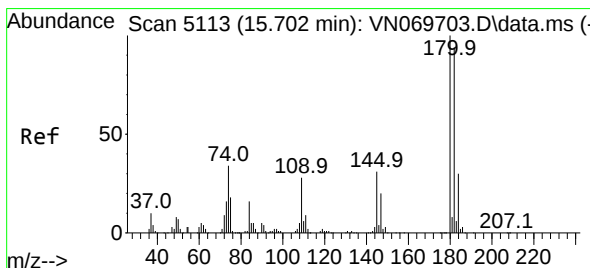
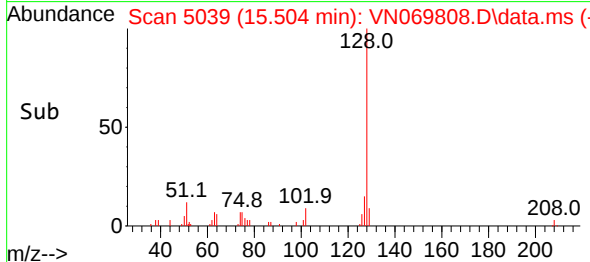
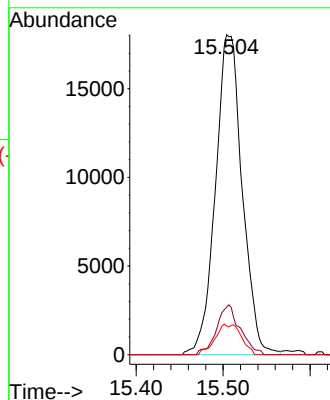
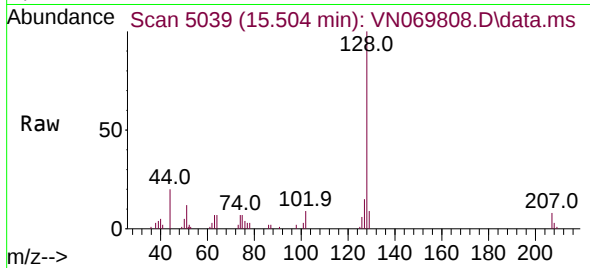
#95
Naphthalene
Concen: 4.744 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

Instrument :
MSVOA_N
ClientSampleId :
RE137-20211204

Tgt Ion:128 Resp: 3861
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 5.1 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 3.162 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN069808.D
Acq: 7 Dec 2021 12:26

Tgt Ion:180 Resp: 11711
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 32.9 15.0 45.1

