

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069763.D
 Acq On : 4 Dec 2021 14:14
 Operator : JC/MD
 Sample : M4922-09DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20211130DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 16:11:19 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	8.085	168	1328492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2331096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2413507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	909632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1006493	49.069	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.140%		
35) Dibromofluoromethane	8.024	113	692535	47.429	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.860%		
50) Toluene-d8	10.443	98	3003963	51.236	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.731	95	1123801	52.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.820%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.210	101	503871	38.370	ug/l	95
12) 1,1-Dichloroethene	4.194	96	6335m	0.501	ug/l	
44) Trichloroethene	9.217	130	340511	21.033	ug/l	93
64) Tetrachloroethene	10.977	164	35964	2.198	ug/l	91

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

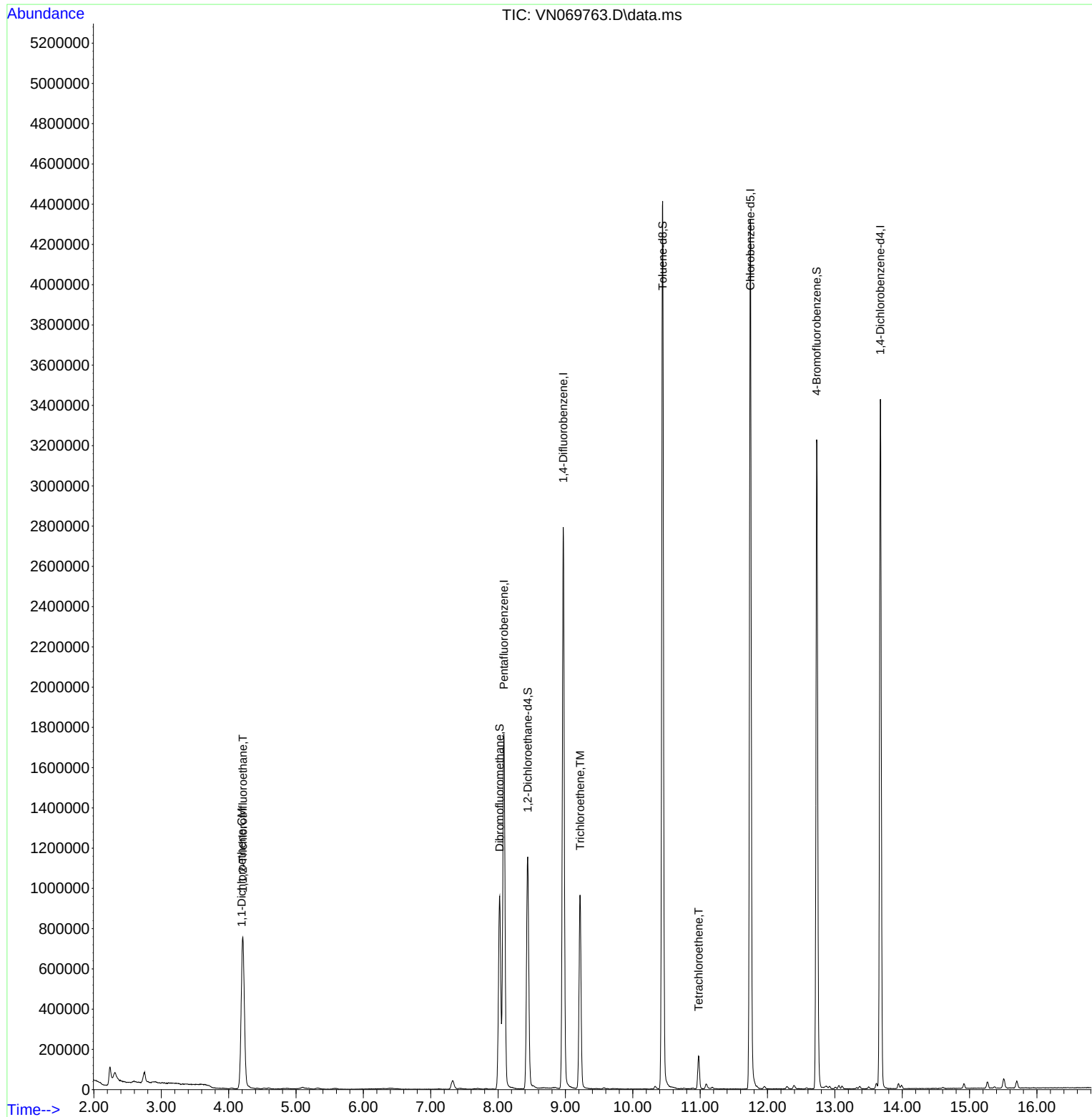
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
Data File : VN069763.D
Acq On : 4 Dec 2021 14:14
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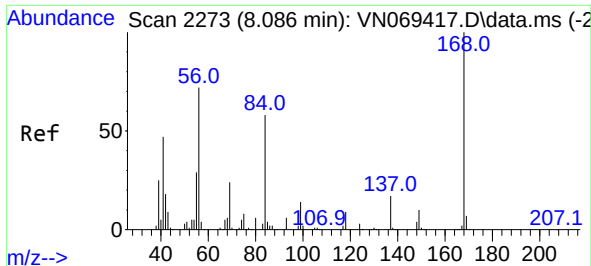
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130DL

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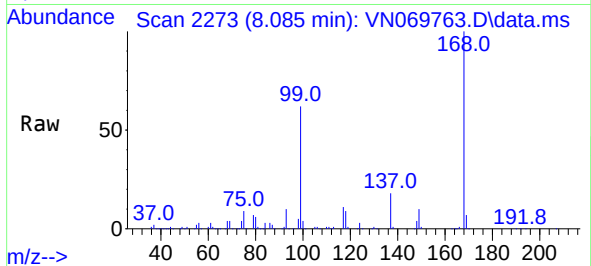
Quant Time: Dec 04 16:11:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

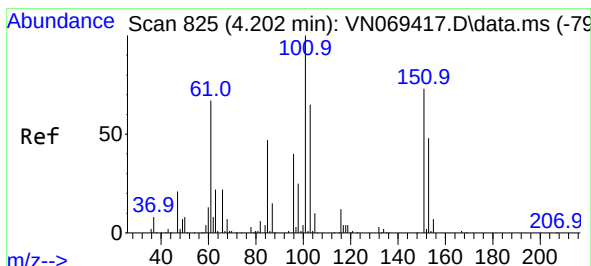
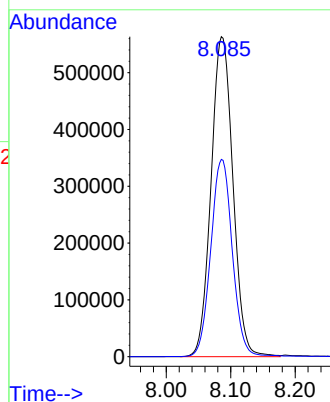
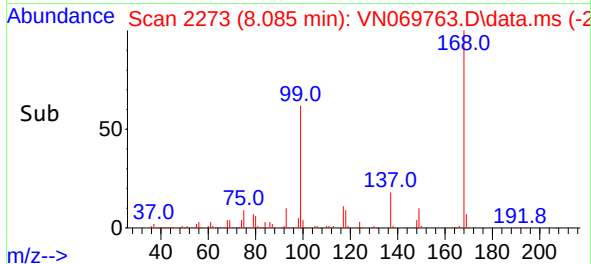
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130DL



Tgt Ion:168 Resp: 132849
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9

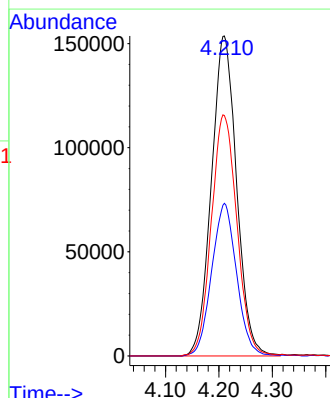
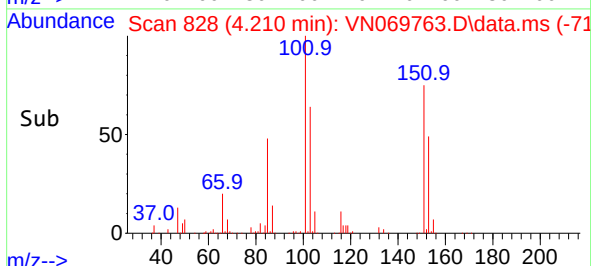
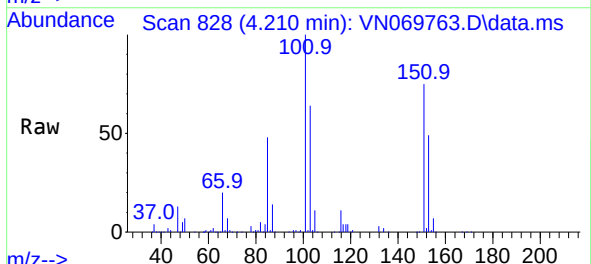
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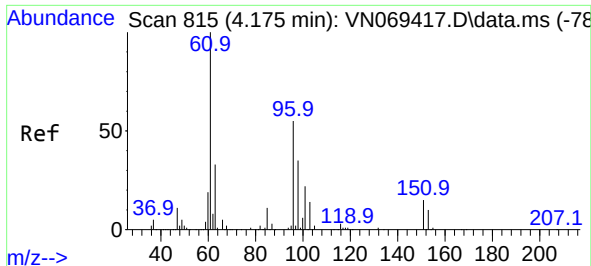
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.370 ug/l
RT: 4.210 min Scan# 828
Delta R.T. 0.008 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

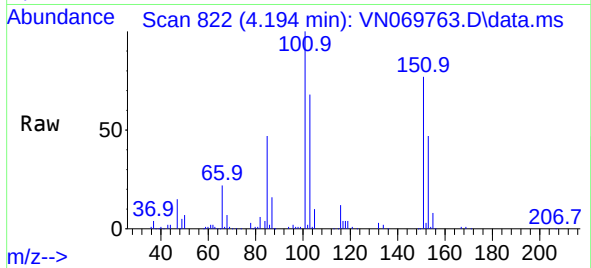
Tgt Ion:101 Resp: 503871
Ion Ratio Lower Upper
101 100
85 47.2 37.2 55.8
151 76.5 65.9 98.9





#12
1,1-Dichloroethene
Concen: 0.501 ug/l m
RT: 4.194 min Scan# 815
Delta R.T. 0.019 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

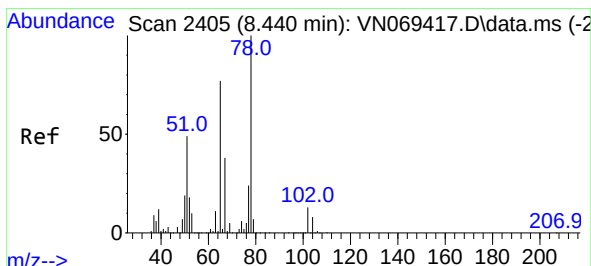
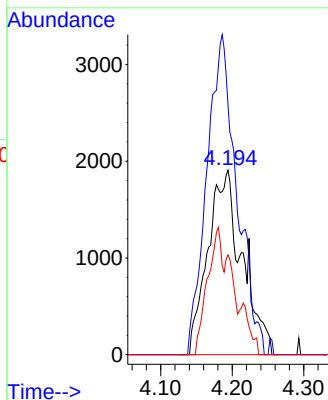
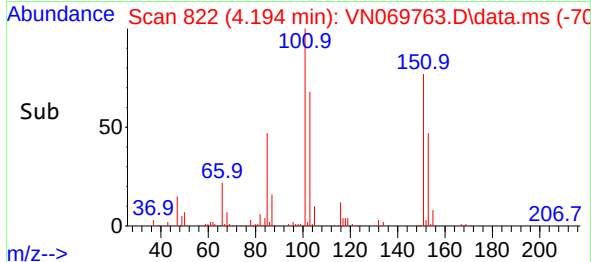
Instrument :
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RE131D2-20211130DL



Tgt Ion: 96 Resp: 6335
Ion Ratio Lower Upper
96 100
61 135.8 131.0 196.6
98 54.1 52.4 78.6

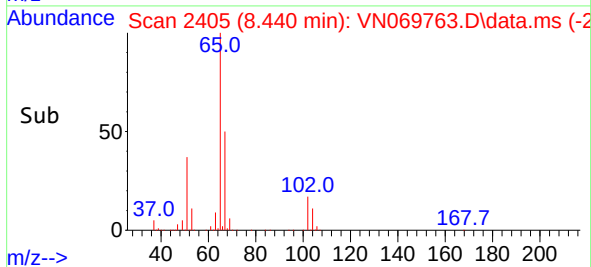
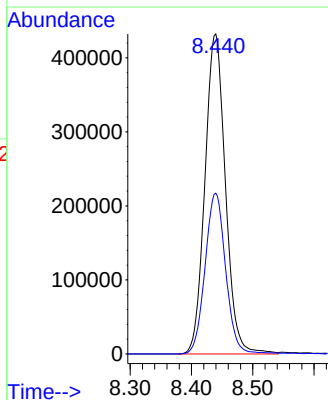
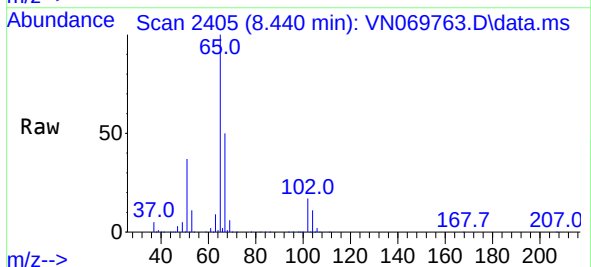
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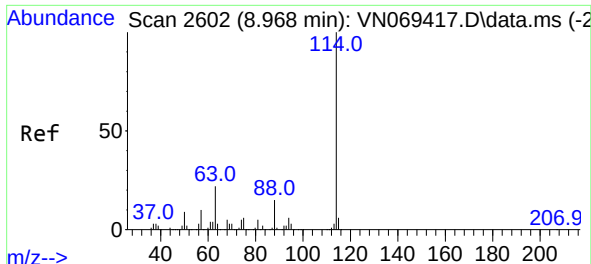
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#33
1,2-Dichloroethane-d4
Concen: 49.069 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

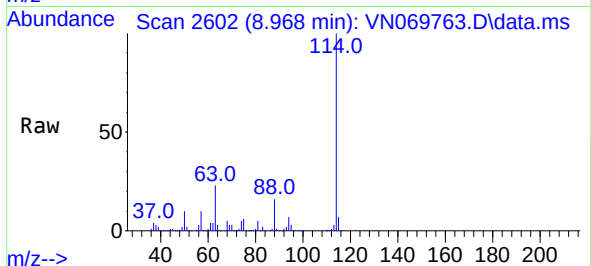
Tgt Ion: 65 Resp: 1006493
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

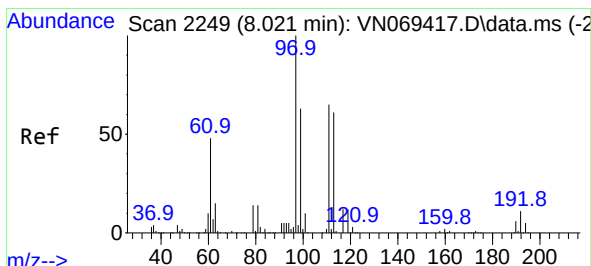
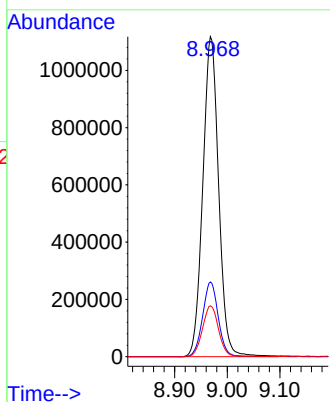
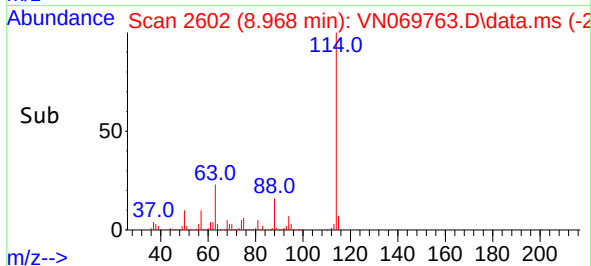
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20211130DL



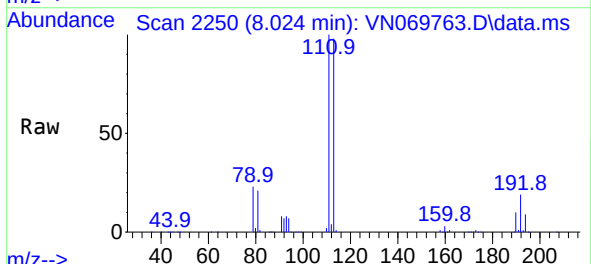
Tgt Ion:114 Resp: 2331090
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 15.9 0.0 27.4

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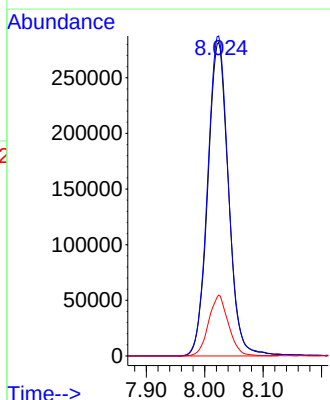
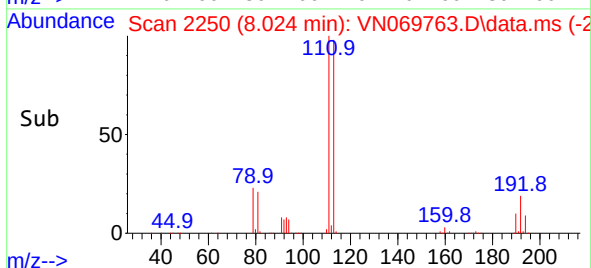
Reviewed By :John Carlone 12/06/2021
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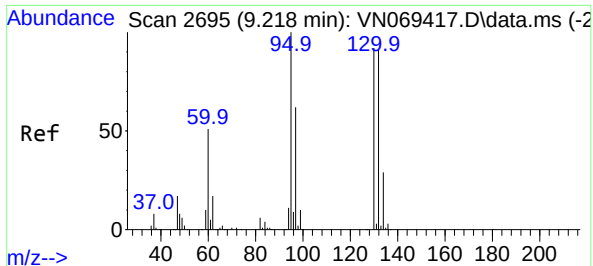


#35
Dibromofluoromethane
Concen: 47.429 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14



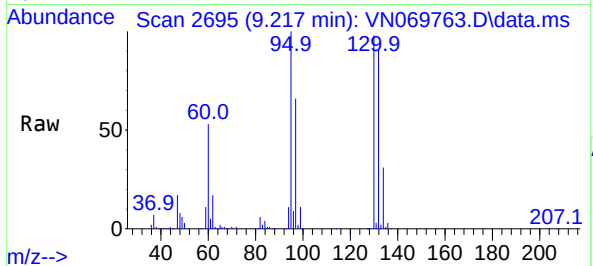
Tgt Ion:113 Resp: 692535
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.6 16.9 25.3





#44
Trichloroethene
Concen: 21.033 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

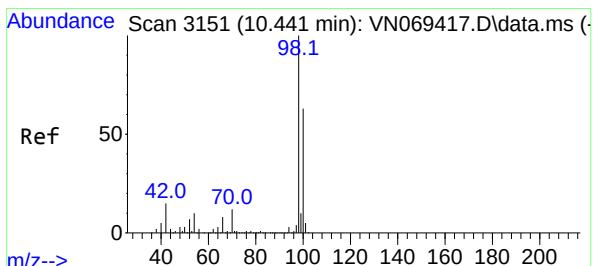
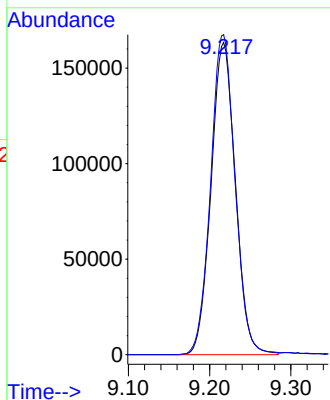
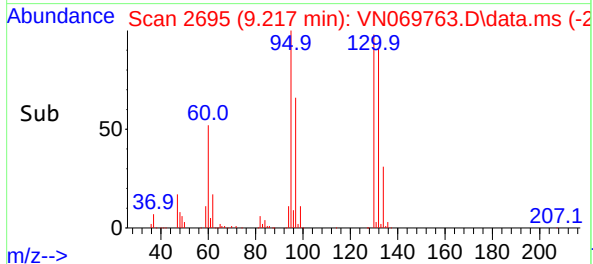
Instrument :
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RE131D2-20211130DL



Tgt Ion:130 Resp: 34051
Ion Ratio Lower Upper
130 100
95 102.5 0.0 191.2

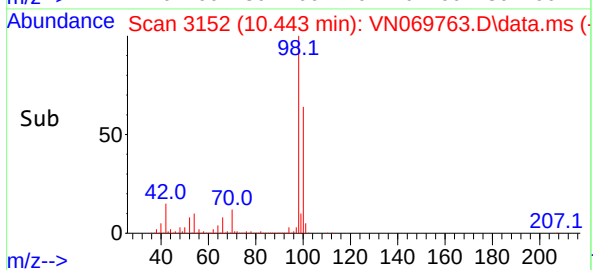
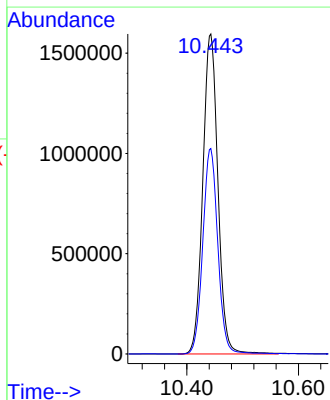
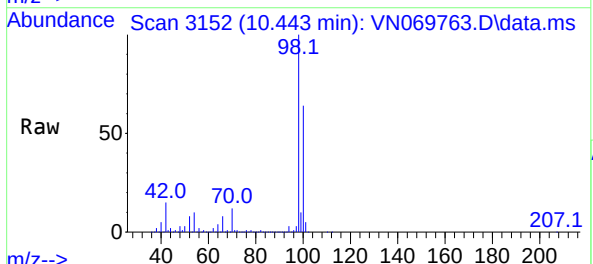
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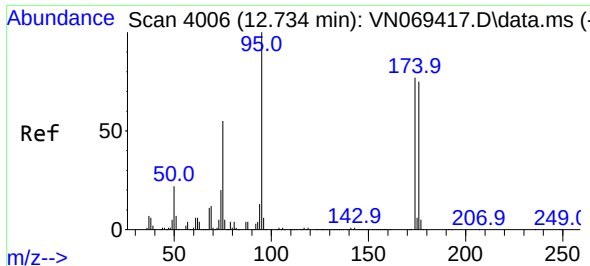
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 51.236 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

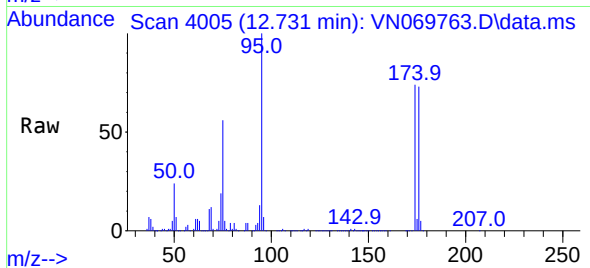
Tgt Ion: 98 Resp: 3003963
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 52.909 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

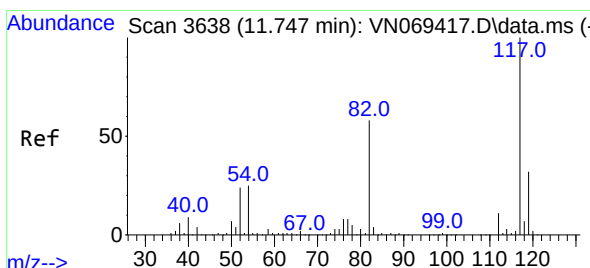
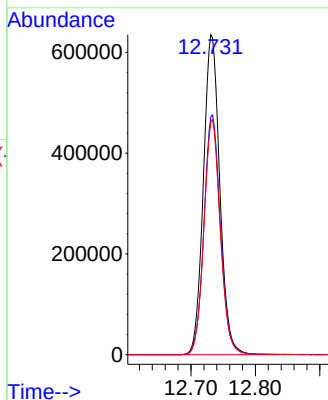
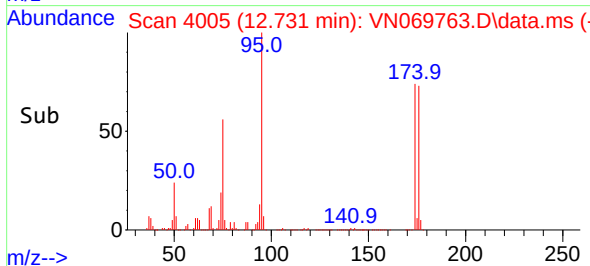
Instrument :
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RE131D2-20211130DL



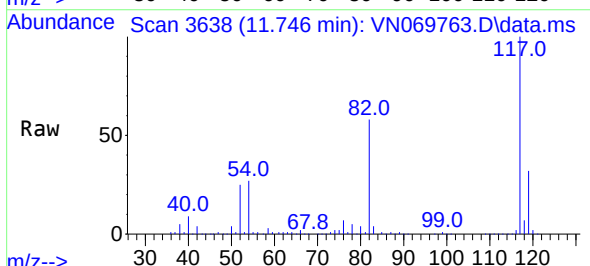
Tgt Ion: 95 Resp: 112380
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 73.1 0.0 181.4

Manual Integrations
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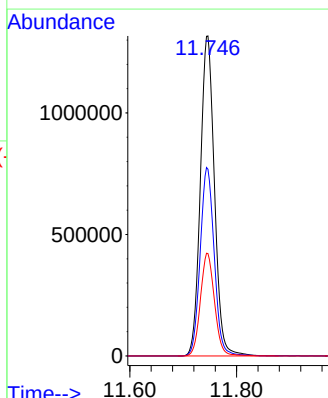
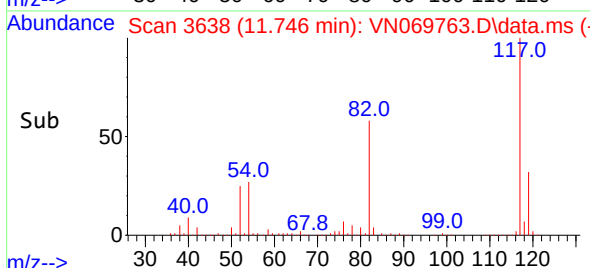
Reviewed By :John Carlone 12/06/2021
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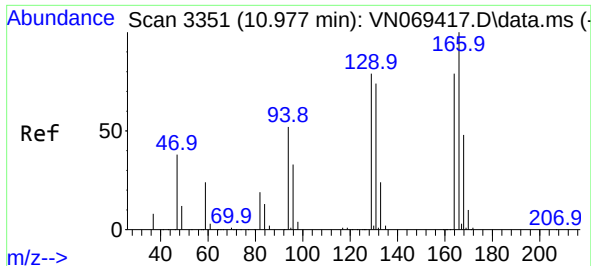


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14



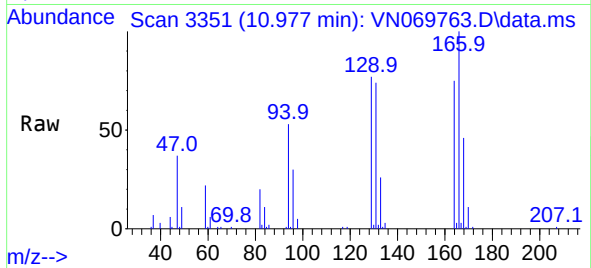
Tgt Ion:117 Resp: 2413507
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.0 25.4 38.2





#64
Tetrachloroethene
Concen: 2.198 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14

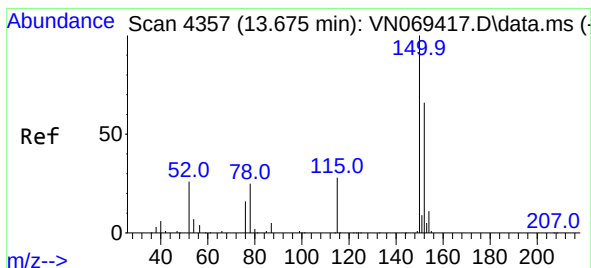
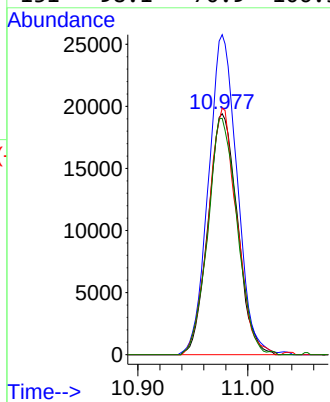
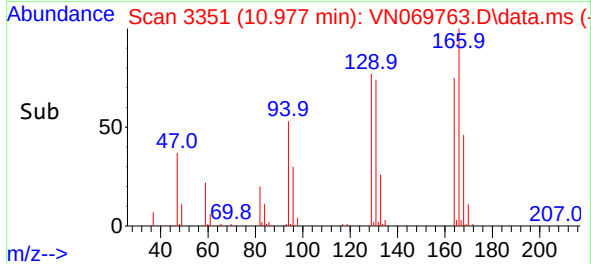
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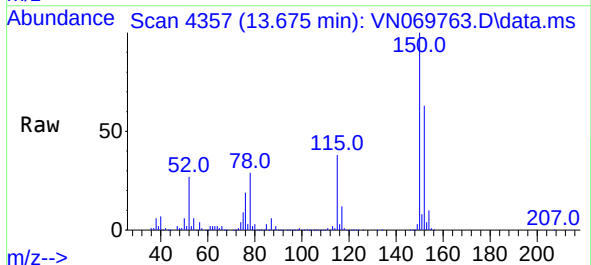
Tgt Ion:164 Resp: 35964
Ion Ratio Lower Upper
164 100
166 132.8 101.9 152.9
129 102.3 72.0 108.0
131 98.1 70.9 106.3

Manual Integrations
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Supervised By :Mahesh Dadoda 12/06/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069763.D
Acq: 4 Dec 2021 14:14



Tgt Ion:152 Resp: 909632
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 158.4 0.0 344.4

