

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069833.D
 Acq On : 8 Dec 2021 00:18
 Operator : JC/MD
 Sample : M4956-19 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20211205

Manual Integrations
 APPROVED

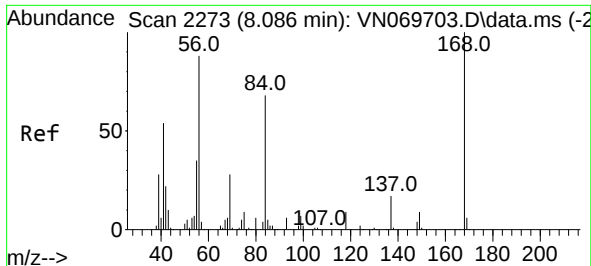
Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 06:35:35 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)

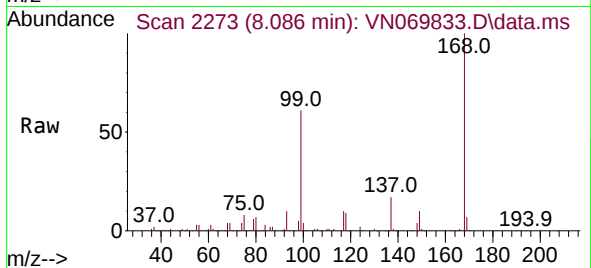
Internal Standards						
1) Pentafluorobenzene	8.086	168	1241591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2227162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2370640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	871999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	959139	50.033	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.060%			
35) Dibromofluoromethane	8.021	113	655391	46.980	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.960%			
50) Toluene-d8	10.440	98	2880581	51.425	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.731	95	1090080	53.716	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	11703	0.808	ug/l	93
7) Trichlorofluoromethane	3.384	101	255763	11.682	ug/l	97
12) 1,1-Dichloroethene	4.181	96	44136	3.732	ug/l	90
30) Chloroform	7.817	83	11045	0.405	ug/l	97
44) Trichloroethene	9.217	130	103658	6.702	ug/l	92
64) Tetrachloroethene	10.977	164	84165	5.236	ug/l	97
74) N-amyl acetate	12.390	43	12714	0.371	ug/l	94
87) 1,3-Dichlorobenzene	13.618	146	8100	0.271	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	10562m	0.359	ug/l	
89) n-Butylbenzene	13.943	91	17207	0.362	ug/l	92
91) 1,2-Dichlorobenzene	13.991	146	7986	0.274	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	11747	3.652	ug/l	99
95) Naphthalene	15.507	128	46831	4.996	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: VN069833.D
Acq: 8 Dec 2021 00:18

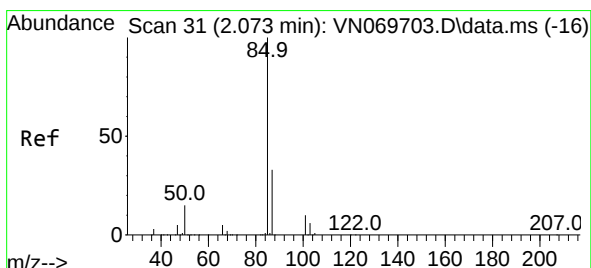
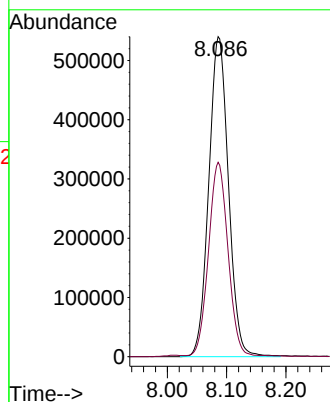
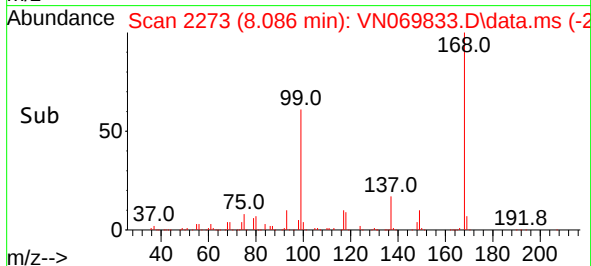
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



Tgt Ion:168 Resp: 124159
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

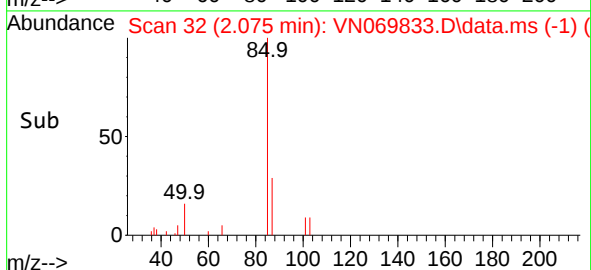
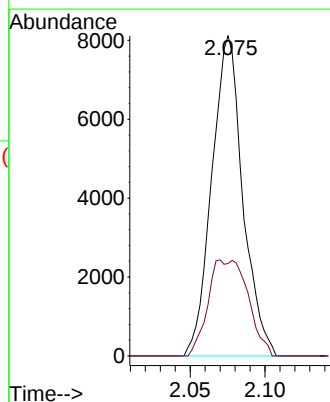
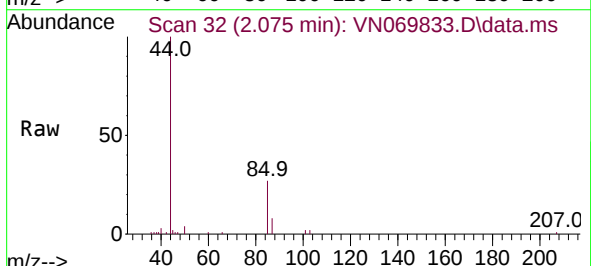
Manual Integrations
APPROVED

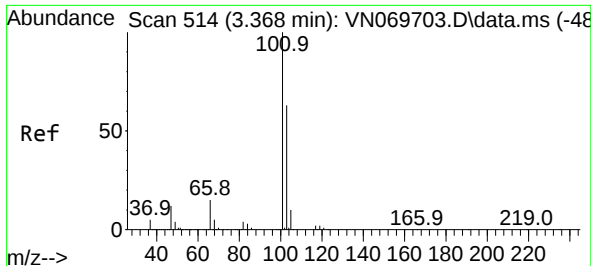
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#2
Dichlorodifluoromethane
Concen: 0.808 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

Tgt Ion: 85 Resp: 11703
Ion Ratio Lower Upper
85 100
87 28.9 16.3 48.9





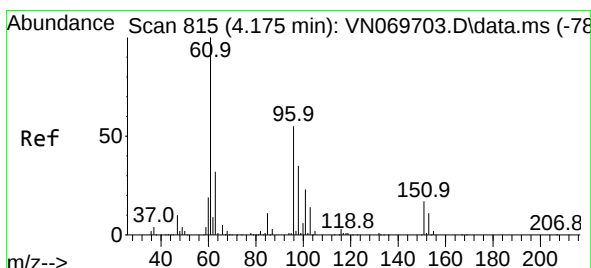
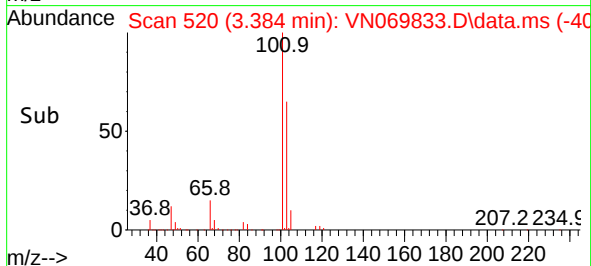
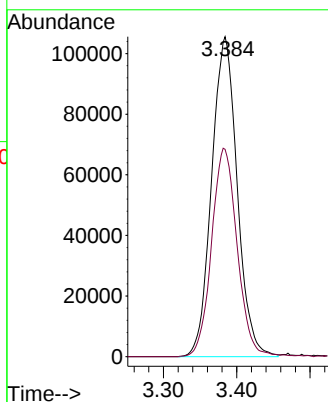
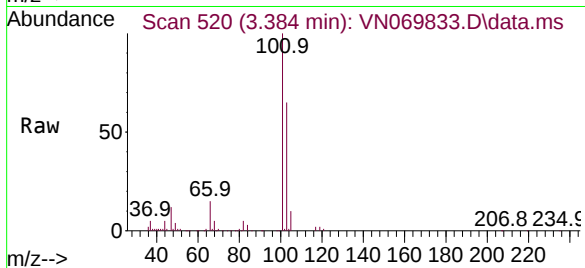
#7
Trichlorofluoromethane
Concen: 11.682 ug/l
RT: 3.384 min Scan# 514
Delta R.T. 0.016 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205

Tgt Ion:101 Resp: 25576
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1

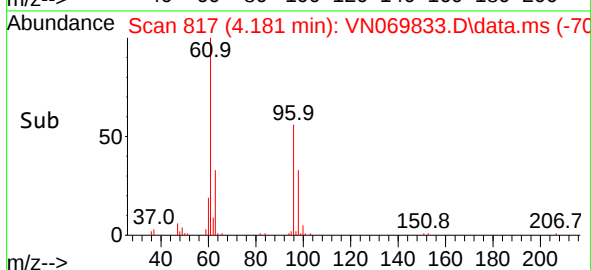
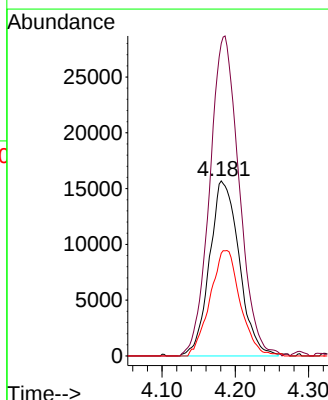
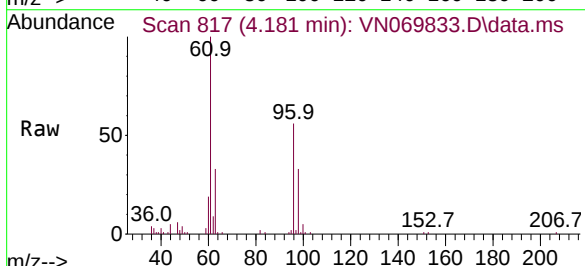
Manual Integrations
APPROVED

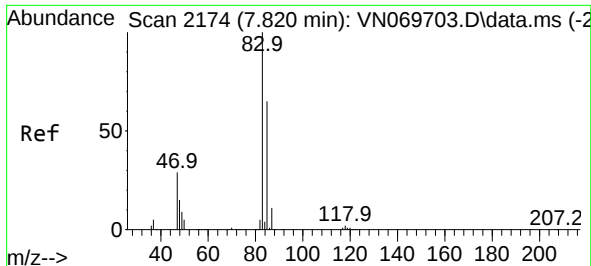
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 3.732 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

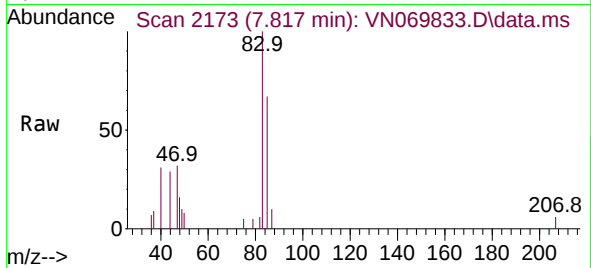
Tgt Ion: 96 Resp: 44136
Ion Ratio Lower Upper
96 100
61 178.6 131.0 196.6
98 58.7 52.4 78.6





#30
Chloroform
Concen: 0.405 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

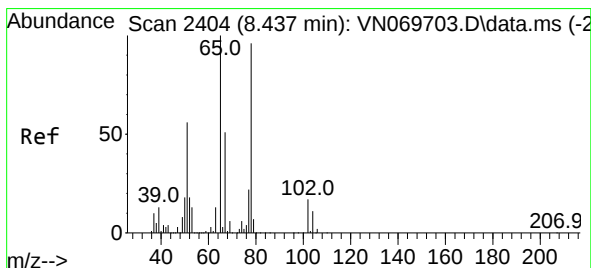
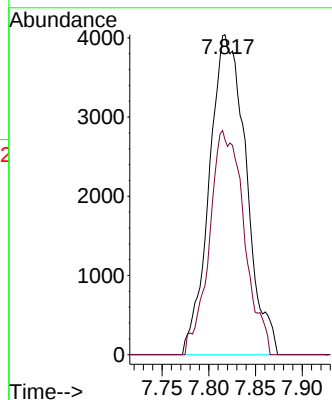
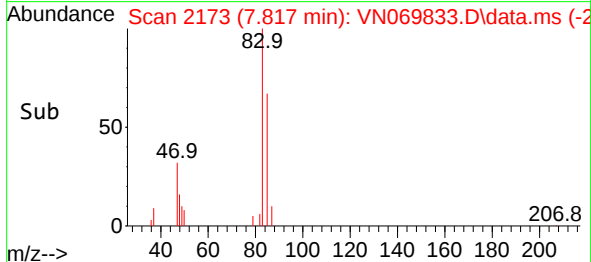
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



Tgt Ion: 83 Resp: 11049
Ion Ratio Lower Upper
83 100
85 67.1 51.9 77.9

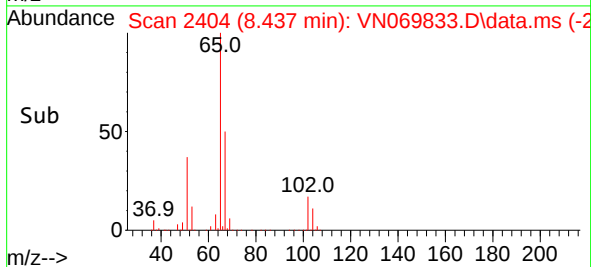
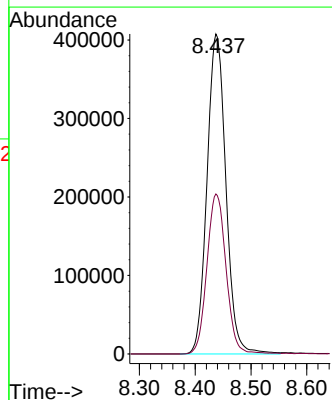
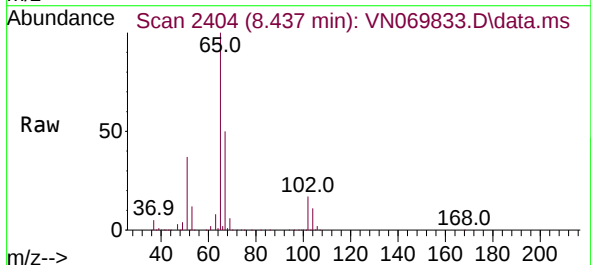
Manual Integrations
APPROVED

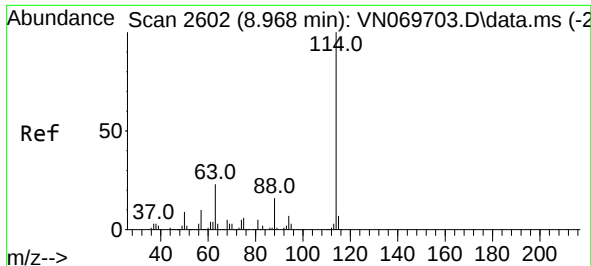
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#33
1,2-Dichloroethane-d4
Concen: 50.033 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

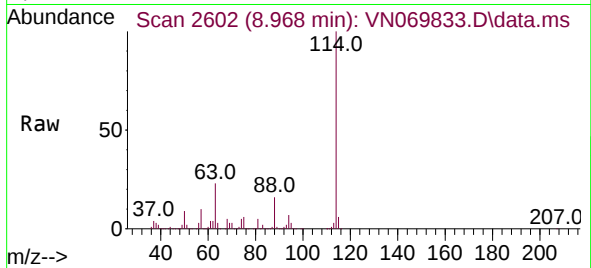
Tgt Ion: 65 Resp: 959139
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

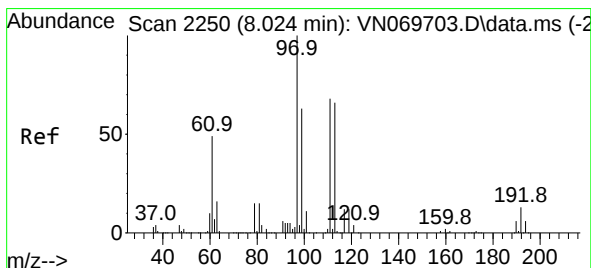
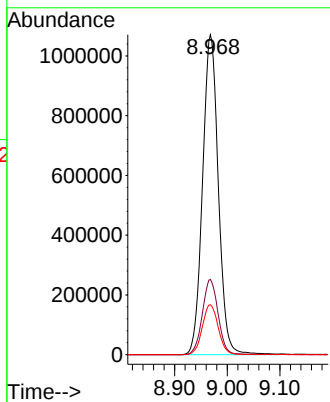
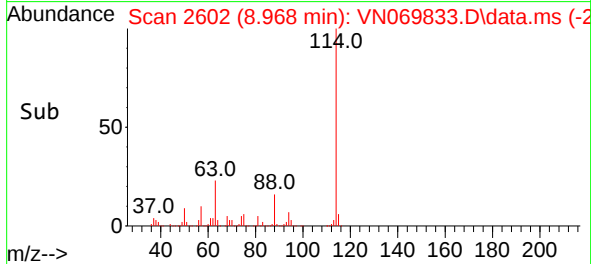
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



Tgt Ion:114 Resp: 222716
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 15.6 0.0 27.4

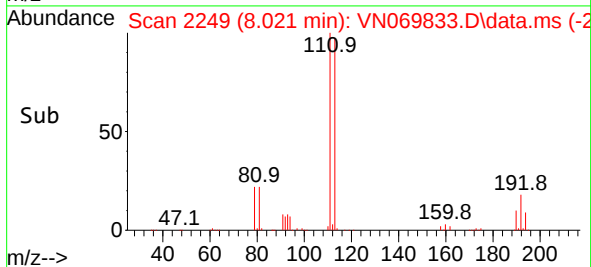
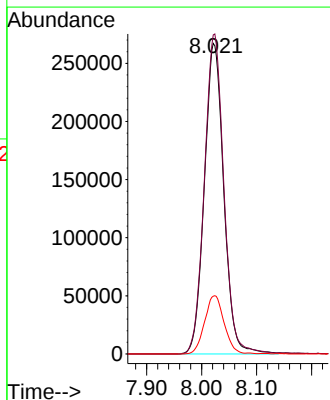
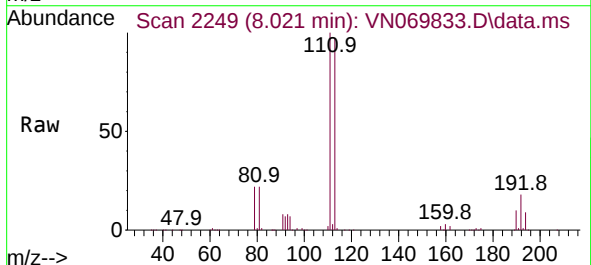
Manual Integrations
APPROVED

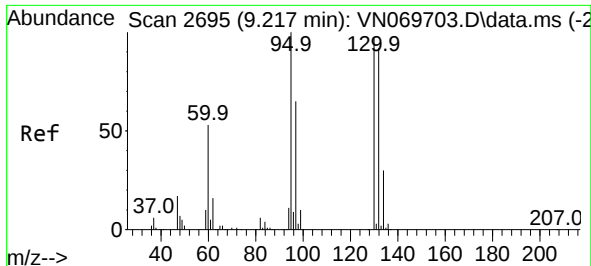
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#35
Dibromofluoromethane
Concen: 46.980 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

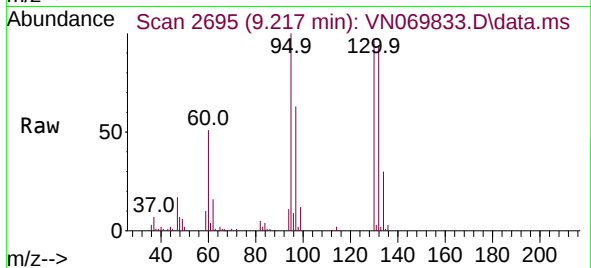
Tgt Ion:113 Resp: 655391
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.8 16.9 25.3





#44
Trichloroethene
Concen: 6.702 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

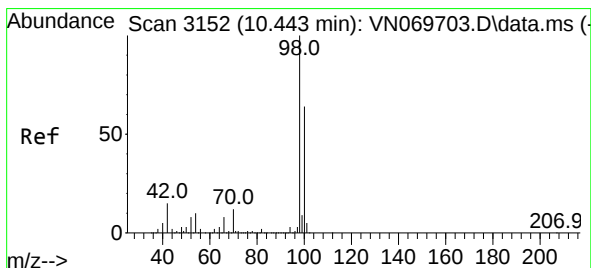
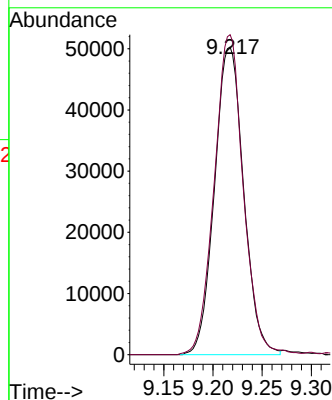
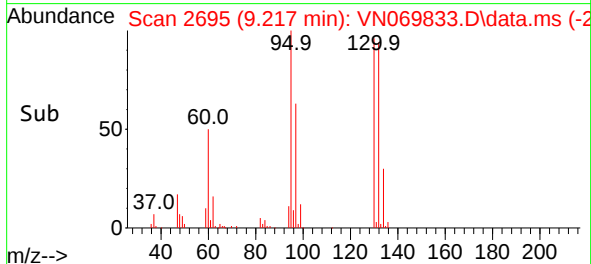
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



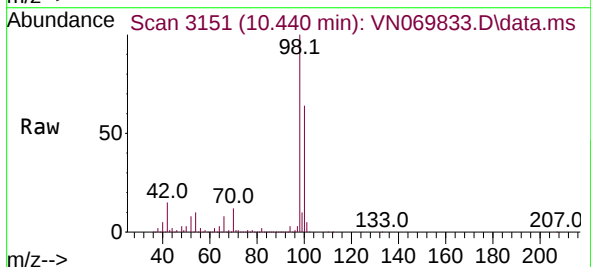
Tgt Ion:130 Resp: 103658
Ion Ratio Lower Upper
130 100
95 103.7 0.0 191.2

Manual Integrations
APPROVED

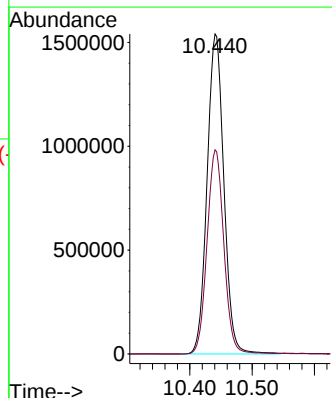
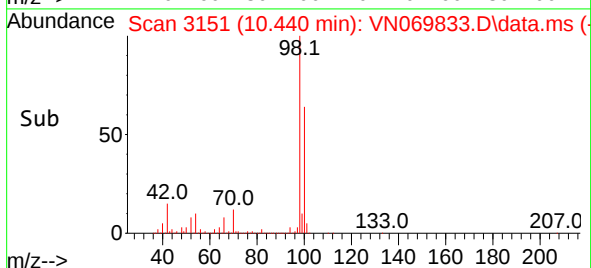
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

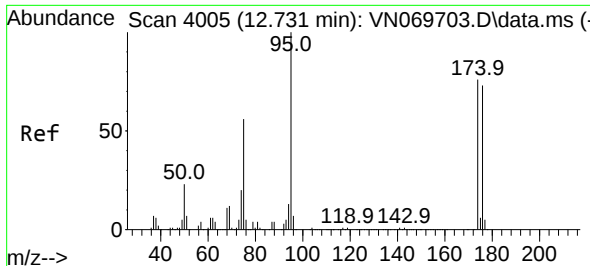


#50
Toluene-d8
Concen: 51.425 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18



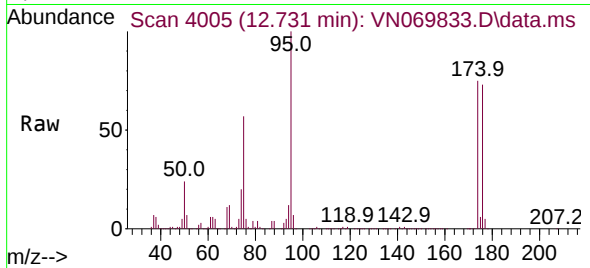
Tgt Ion: 98 Resp: 2880581
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#62
4-Bromofluorobenzene
Concen: 53.716 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

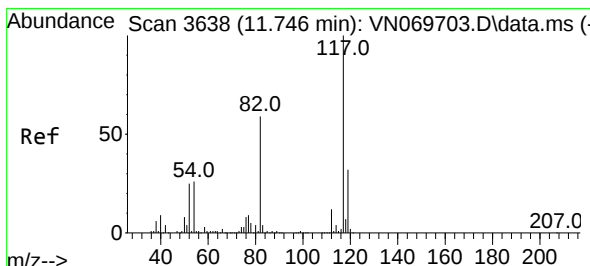
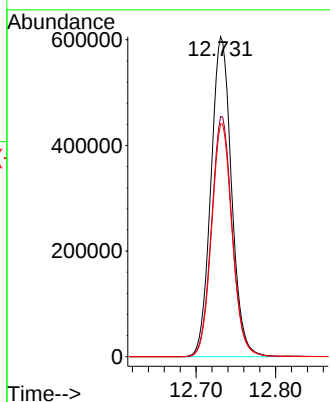
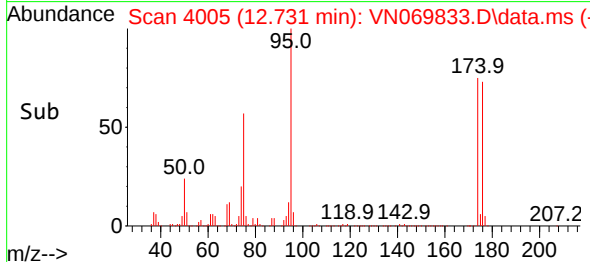
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



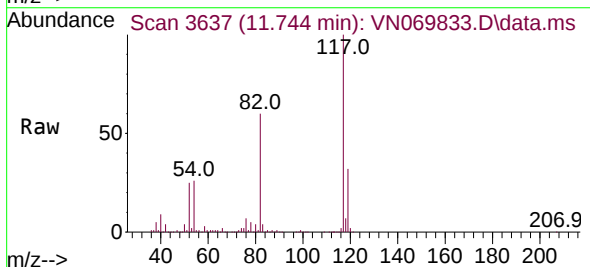
Tgt Ion: 95 Resp: 1090080
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.9 0.0 181.4

Manual Integrations
APPROVED

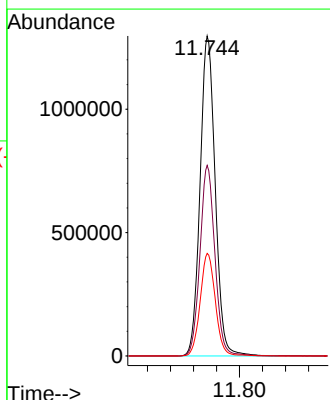
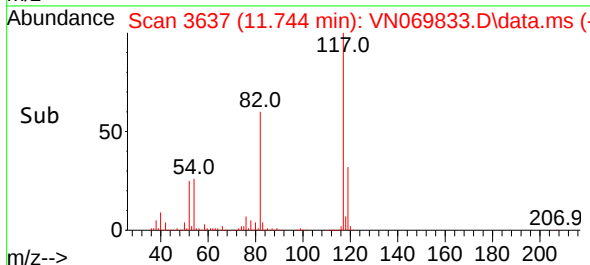
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

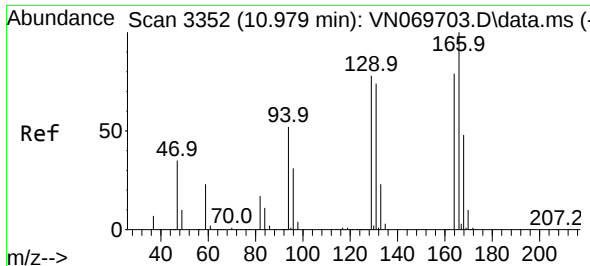


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18



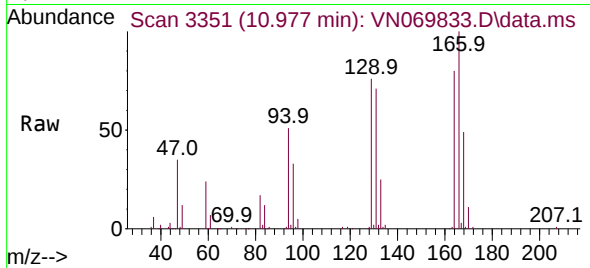
Tgt Ion:117 Resp: 2370640
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.1 25.4 38.2





#64
Tetrachloroethene
Concen: 5.236 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

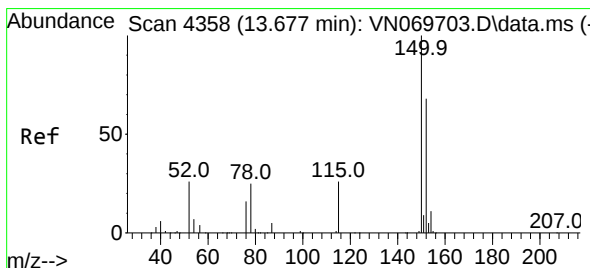
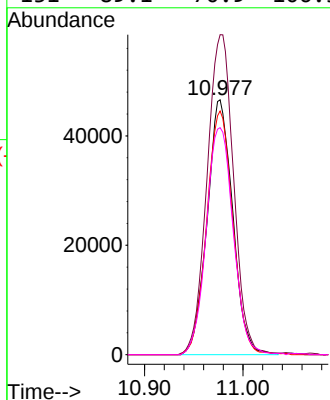
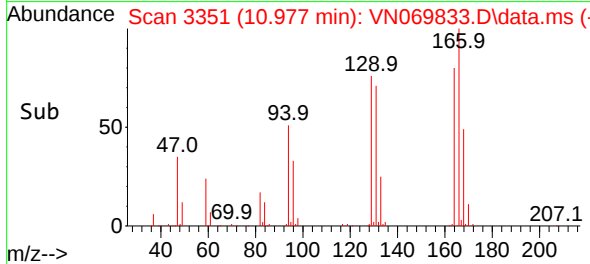
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



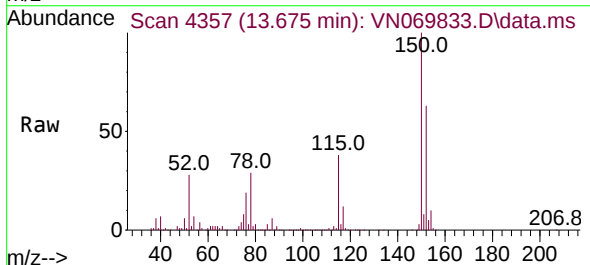
Tgt Ion:164 Resp: 8416
Ion Ratio Lower Upper
164 100
166 125.5 101.9 152.9
129 95.6 72.0 108.0
131 89.1 70.9 106.3

Manual Integrations
APPROVED

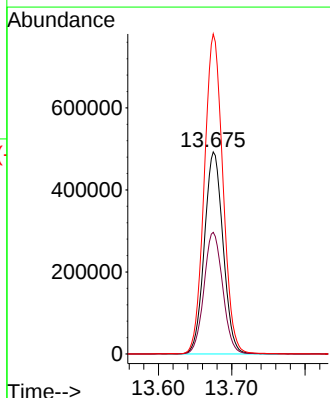
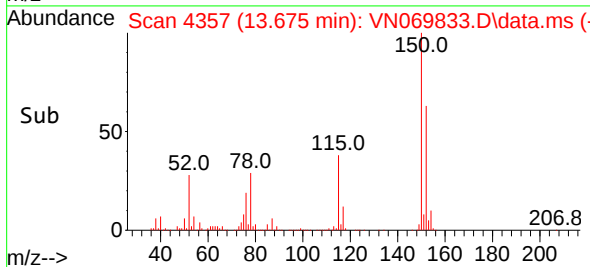
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

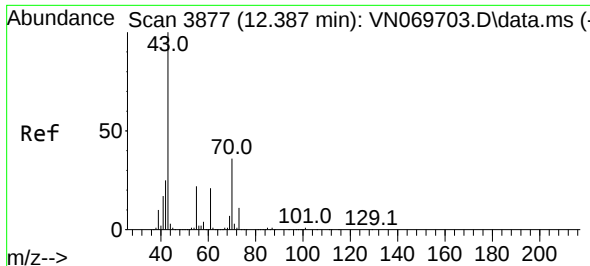


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18



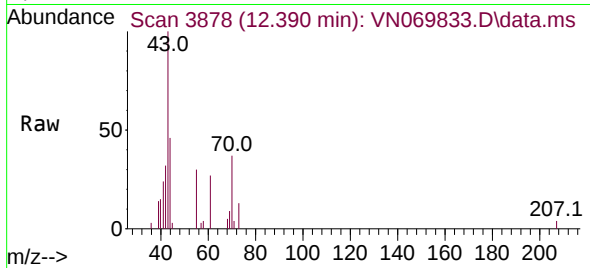
Tgt Ion:152 Resp: 871999
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 157.7 0.0 344.4





#74
N-amy1 acetate
Concen: 0.371 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

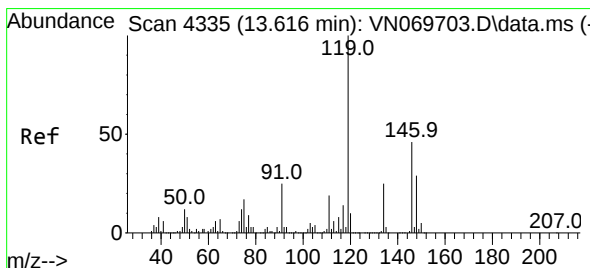
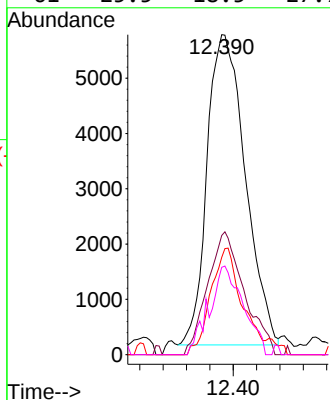
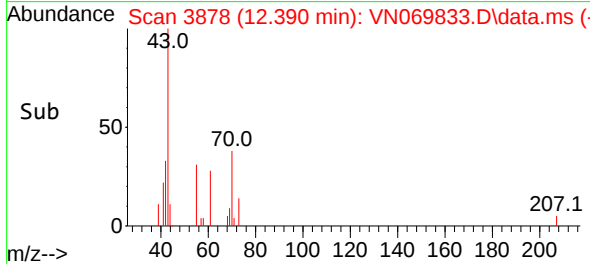
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



Tgt Ion: 43 Resp: 12714
Ion Ratio Lower Upper
43 100
70 38.2 33.4 50.0
55 28.3 19.3 28.9
61 25.5 18.5 27.7

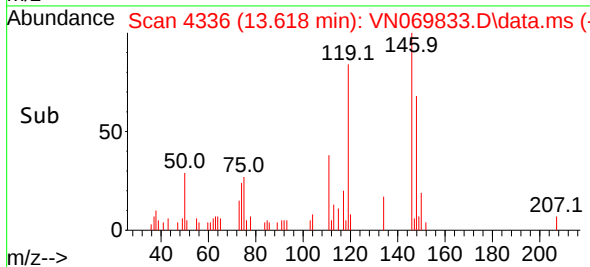
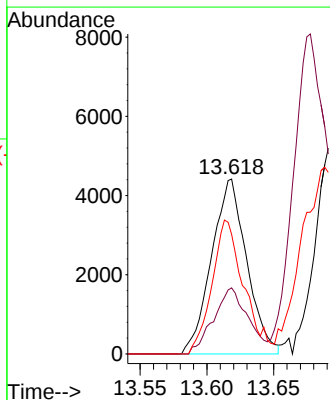
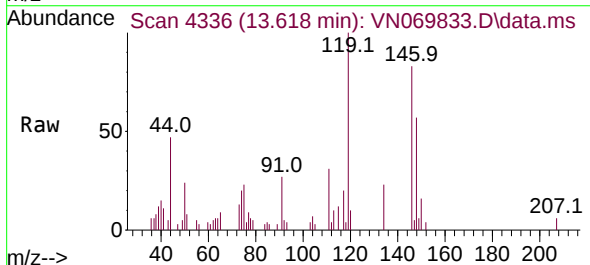
Manual Integrations
APPROVED

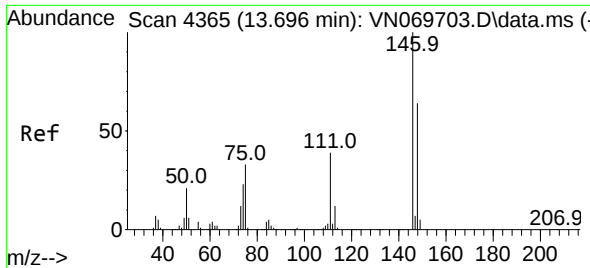
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#87
1,3-Dichlorobenzene
Concen: 0.271 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

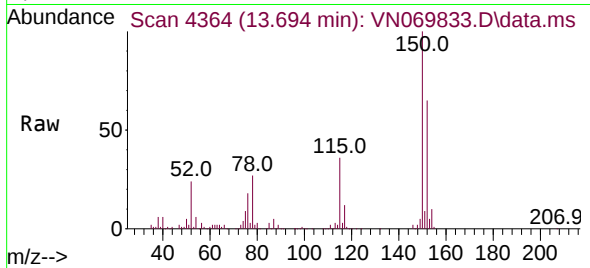
Tgt Ion:146 Resp: 8100
Ion Ratio Lower Upper
146 100
111 37.0 18.6 55.6
148 69.1 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 0.359 ug/l m
RT: 13.694 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

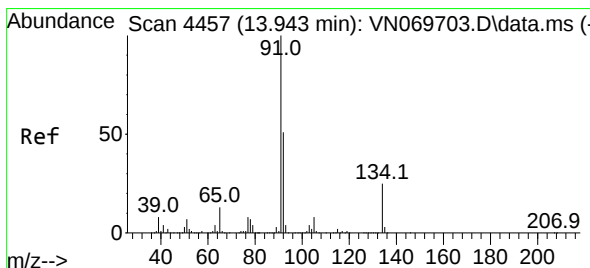
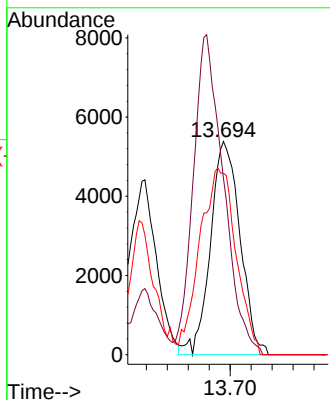
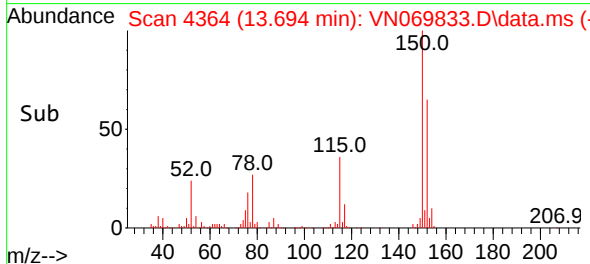
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



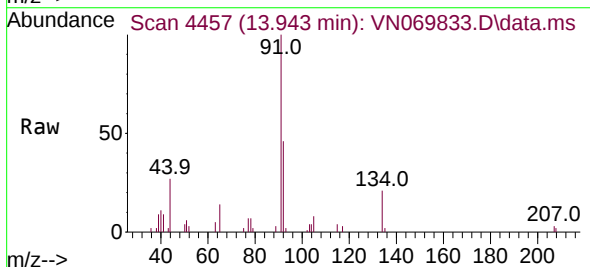
Tgt Ion:146 Resp: 1056
Ion Ratio Lower Upper
146 100
111 28.4 18.3 54.8
148 53.0 31.8 95.4

Manual Integrations
APPROVED

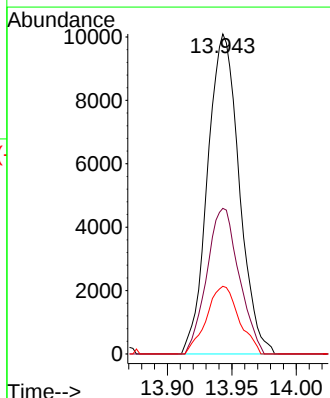
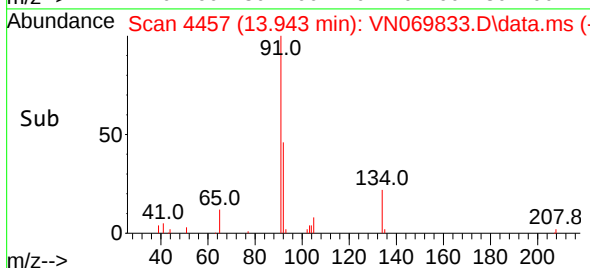
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

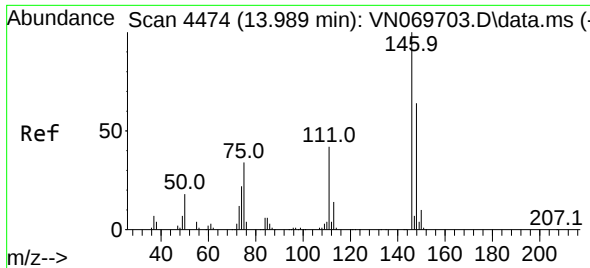


#89
n-Butylbenzene
Concen: 0.362 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18



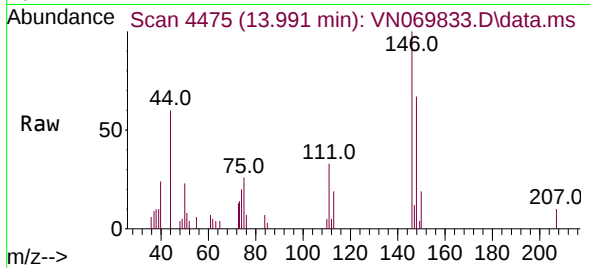
Tgt Ion: 91 Resp: 17207
Ion Ratio Lower Upper
91 100
92 46.4 25.4 76.0
134 21.7 13.6 40.8





#91
1,2-Dichlorobenzene
Concen: 0.274 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

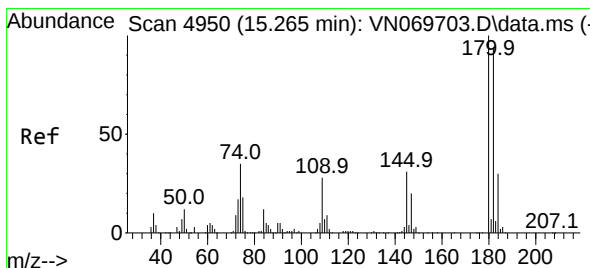
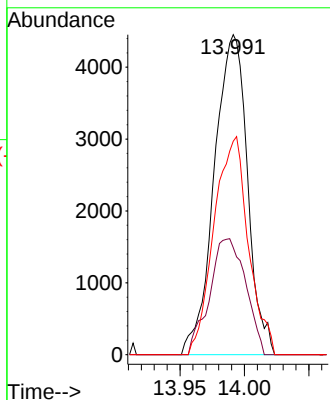
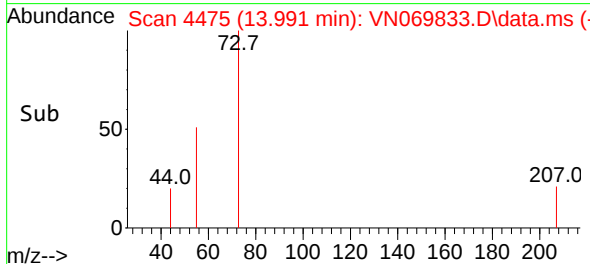
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



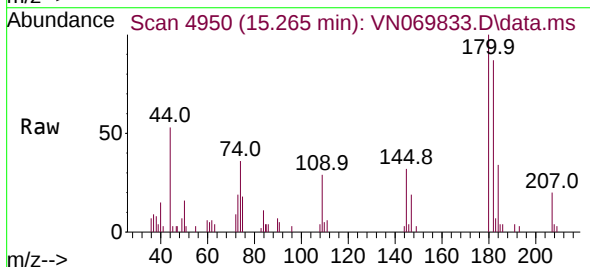
Tgt Ion:146 Resp: 7980
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.3
148 70.4 32.1 96.3

Manual Integrations
APPROVED

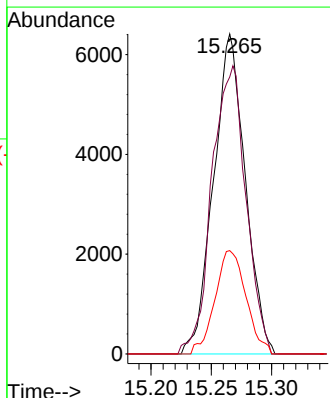
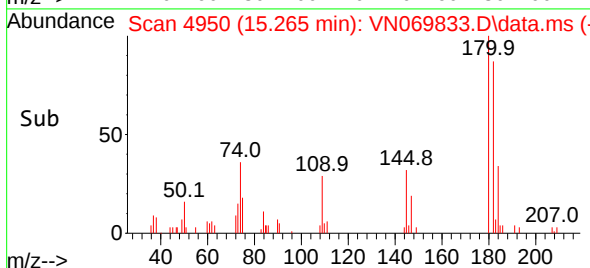
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

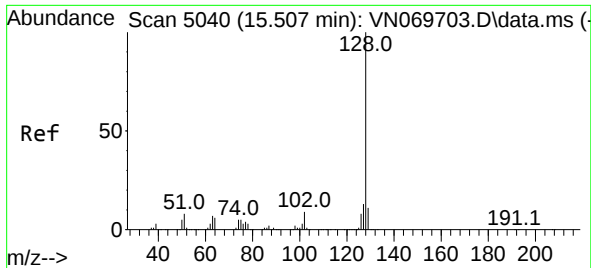


#93
1,2,4-Trichlorobenzene
Concen: 3.652 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18



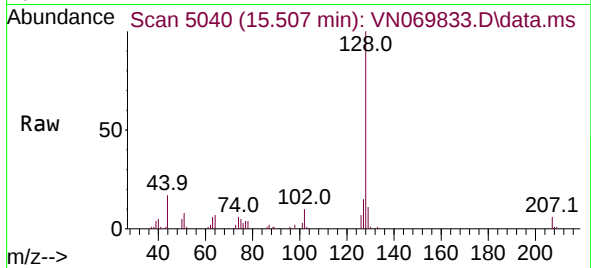
Tgt Ion:180 Resp: 11747
Ion Ratio Lower Upper
180 100
182 96.4 48.3 144.9
145 31.6 14.5 43.5





#95
Naphthalene
Concen: 4.996 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069833.D
Acq: 8 Dec 2021 00:18

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20211205



Tgt Ion:128 Resp: 4683
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

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

