

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077757.D
 Acq On : 19 May 2023 12:28
 Operator : JC\MD
 Sample : 02834-07DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20230516DL

Quant Time: May 19 23:54:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	343812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	620105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	531024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	179319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	233083	45.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.620%		
35) Dibromofluoromethane	8.177	113	195608	48.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	10.577	98	758829	48.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.500%		
62) 4-Bromofluorobenzene	12.853	95	248304	45.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.340%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.383	101	2114m	0.556	ug/l	
27) cis-1,2-Dichloroethene	7.495	96	1562	0.321	ug/l	94
44) Trichloroethene	9.359	130	273646	61.920	ug/l	99
64) Tetrachloroethene	11.106	164	2337	0.629	ug/l #	57

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

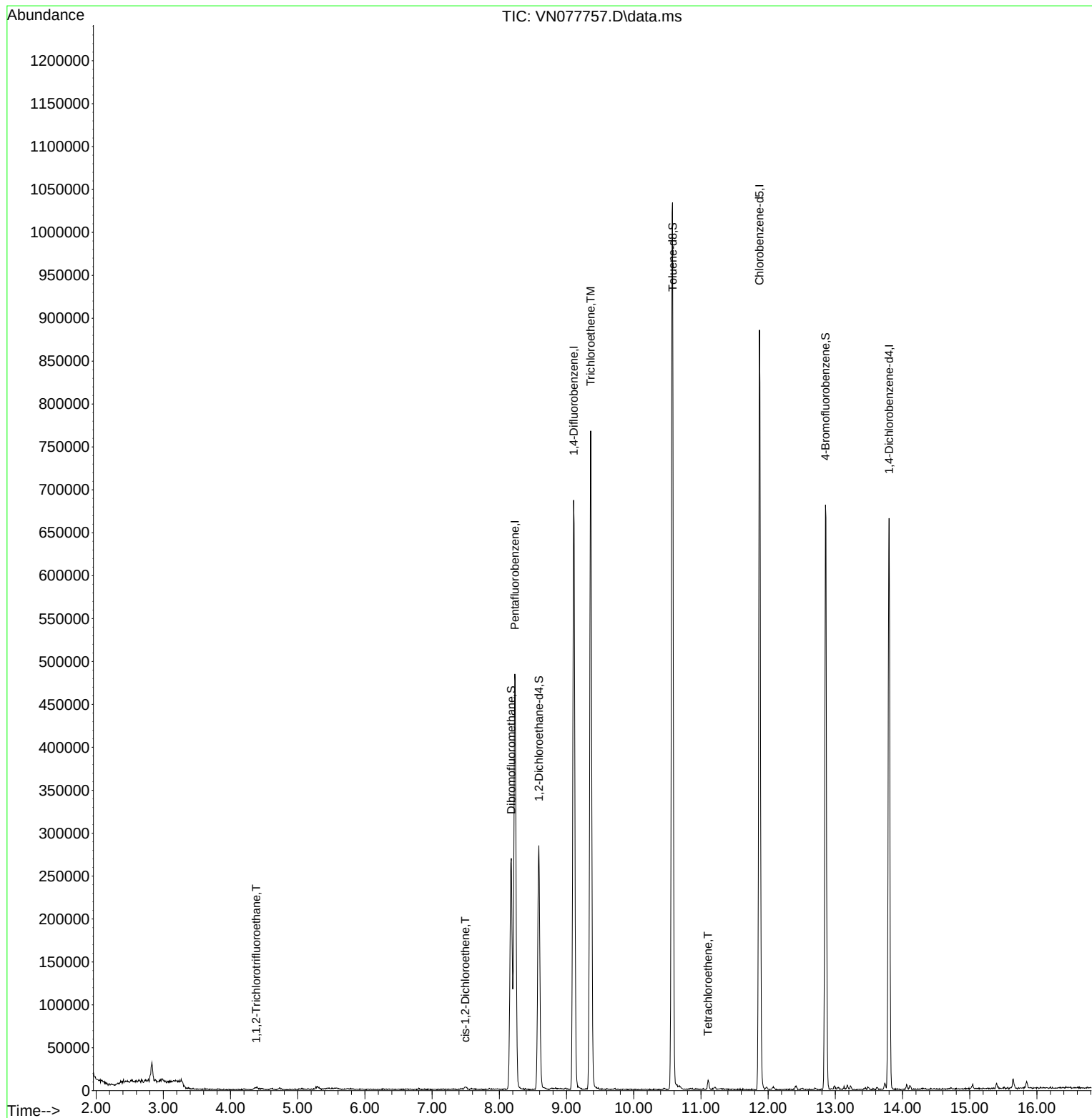
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
Data File : VN077757.D
Acq On : 19 May 2023 12:28
Operator : JC\MD
Sample : 02834-07DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

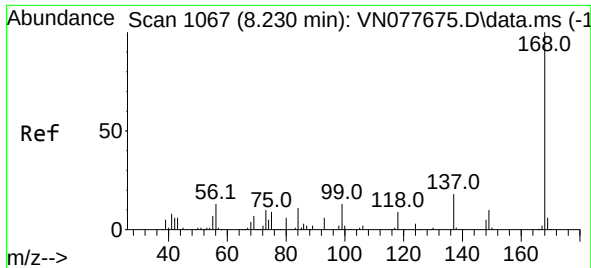
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516DL

Quant Time: May 19 23:54:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

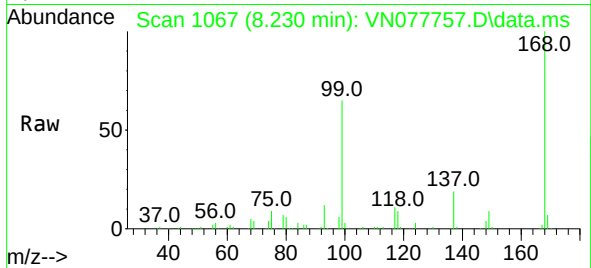
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

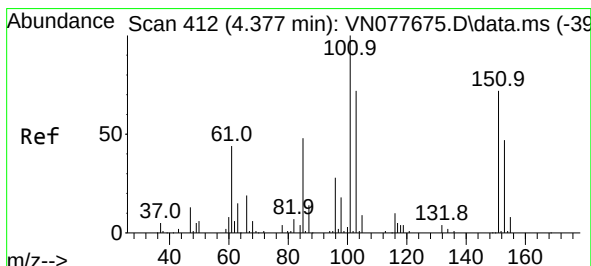
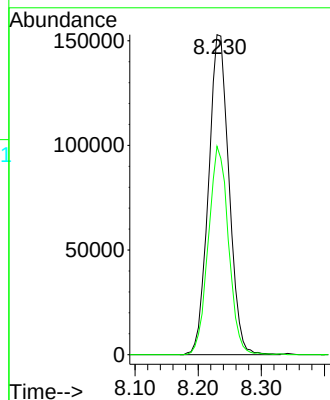
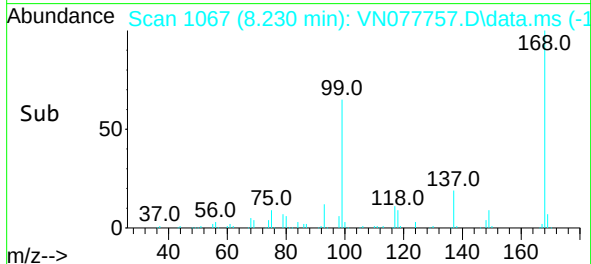
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516DL



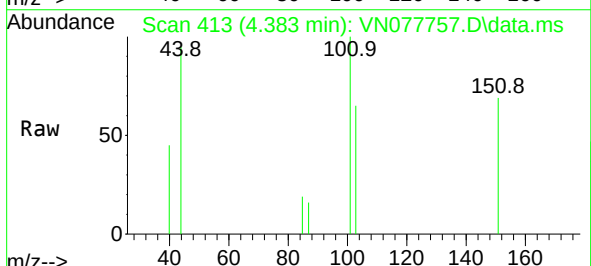
Tgt Ion:168 Resp: 343812
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6

Manual Integrations
APPROVED

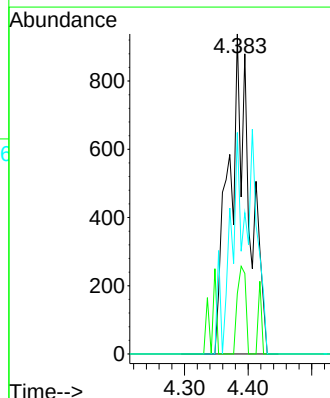
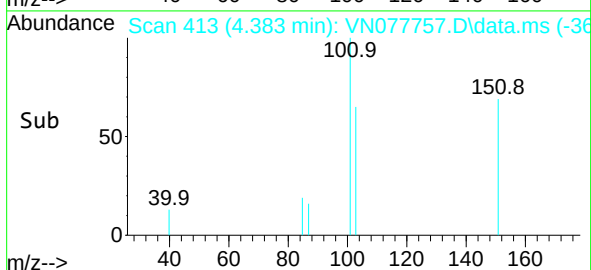
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

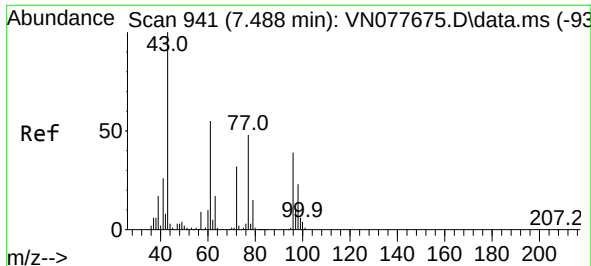


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.556 ug/l m
RT: 4.383 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28



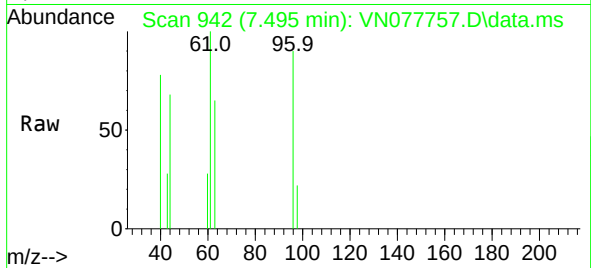
Tgt Ion:101 Resp: 2114
Ion Ratio Lower Upper
101 100
85 11.2 36.6 55.0#
151 42.6 57.6 86.4#





#27
 cis-1,2-Dichloroethene
 Concen: 0.321 ug/l
 RT: 7.495 min Scan# 941
 Delta R.T. 0.007 min
 Lab File: VN077757.D
 Acq: 19 May 2023 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20230516DL



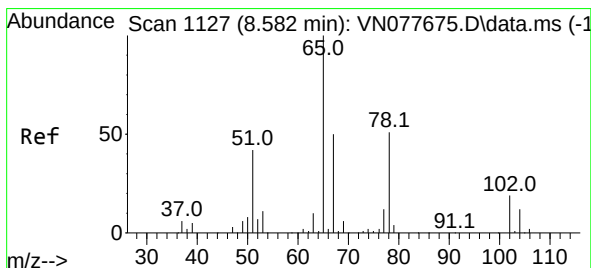
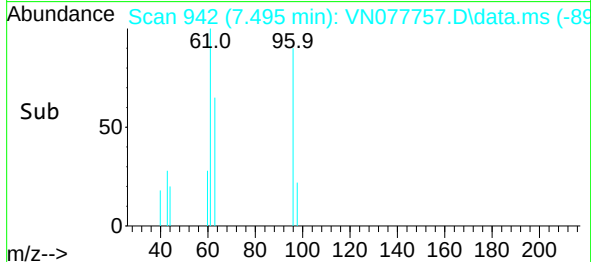
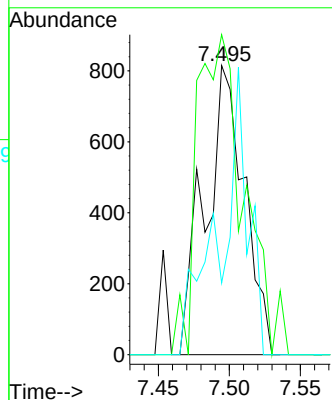
Tgt Ion: 96 Resp: 1562
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 255.2
 98 71.3 0.0 128.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

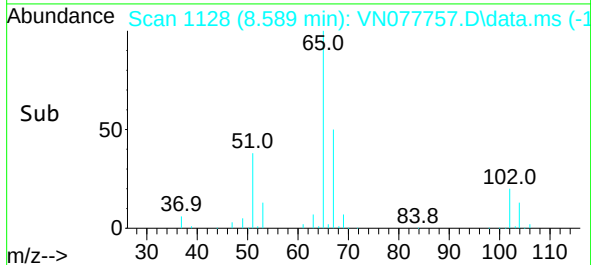
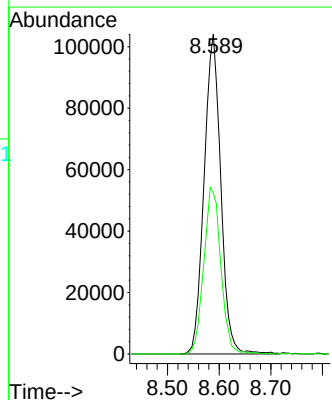
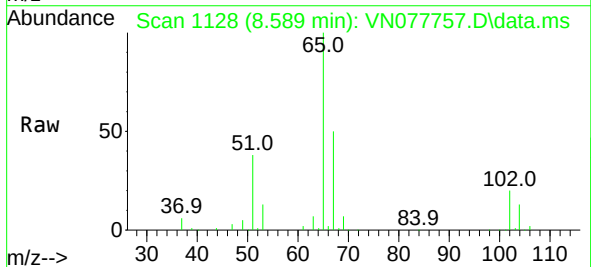
05/22/2023
 Supervised By :Mahesh
 Dadoda

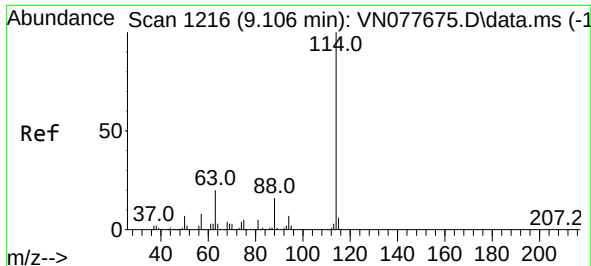
05/22/2023



#33
 1,2-Dichloroethane-d4
 Concen: 45.309 ug/l
 RT: 8.589 min Scan# 1128
 Delta R.T. 0.007 min
 Lab File: VN077757.D
 Acq: 19 May 2023 12:28

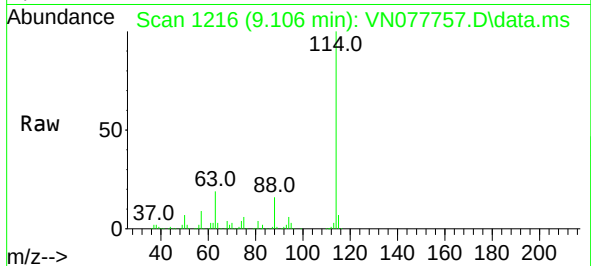
Tgt Ion: 65 Resp: 233083
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516DL



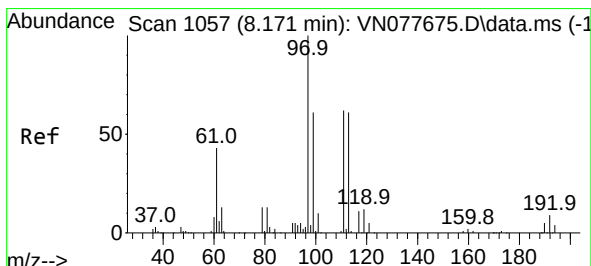
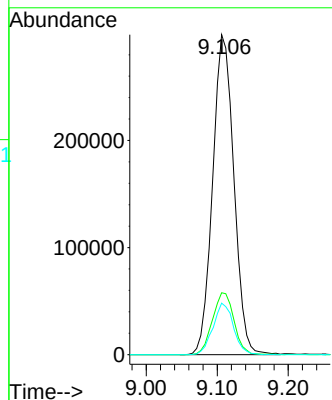
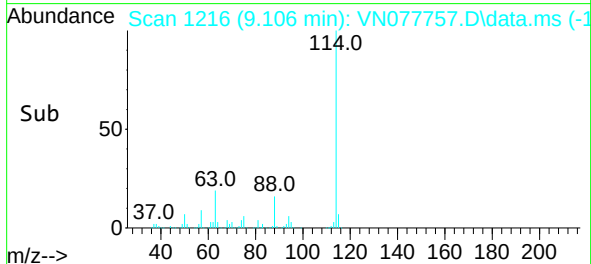
Tgt Ion:114 Resp: 62010
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 16.1 0.0 30.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

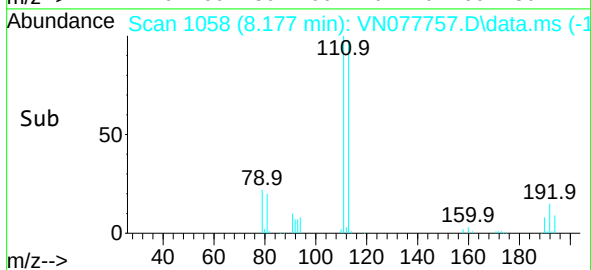
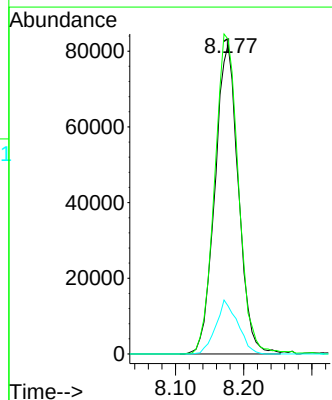
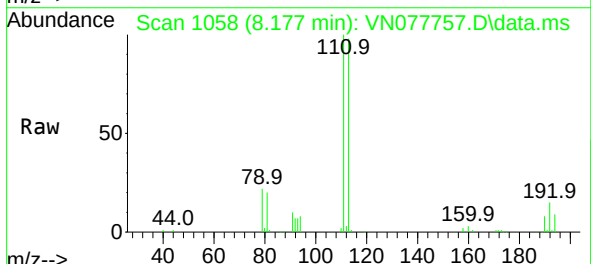
05/22/2023
Supervised By :Mahesh
Dadoda

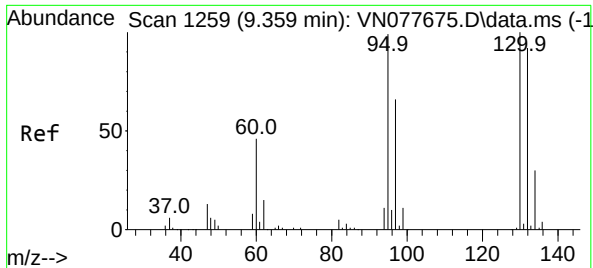
05/22/2023



#35
Dibromofluoromethane
Concen: 48.374 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

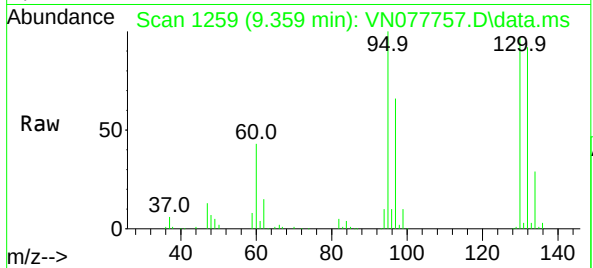
Tgt Ion:113 Resp: 195608
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 16.3 12.7 19.1





#44
Trichloroethene
Concen: 61.920 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516DL



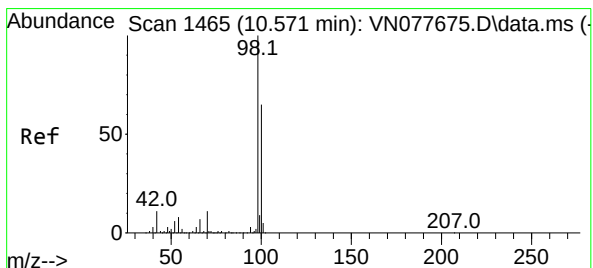
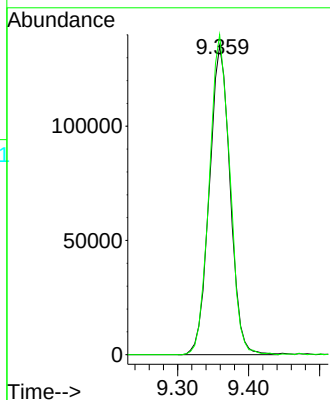
Tgt Ion:130 Resp: 273640
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

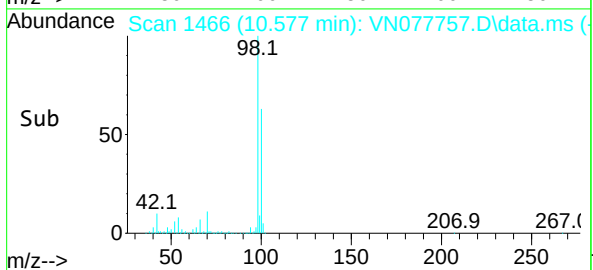
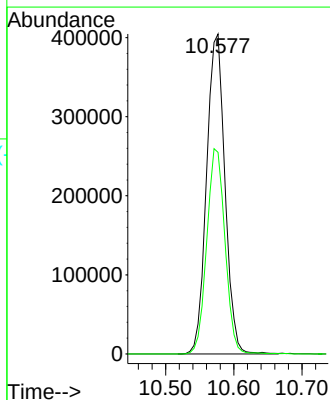
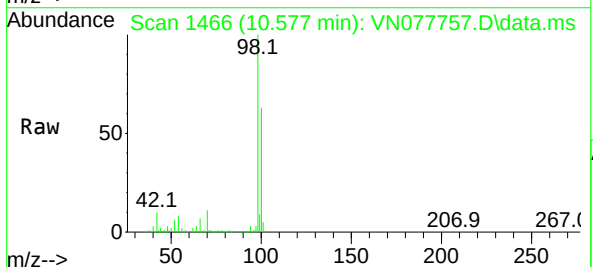
05/22/2023
Supervised By :Mahesh
Dadoda

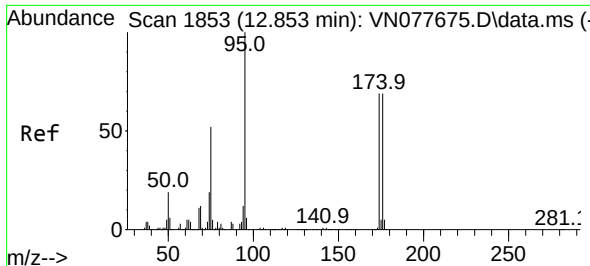
05/22/2023



#50
Toluene-d8
Concen: 48.755 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

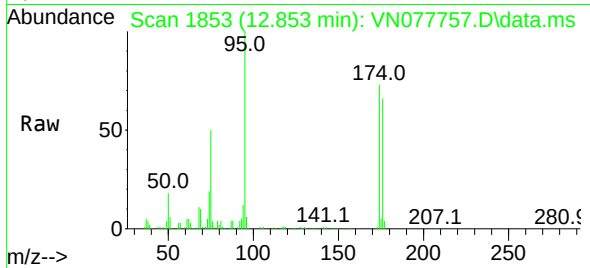
Tgt Ion: 98 Resp: 758829
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 45.171 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516DL



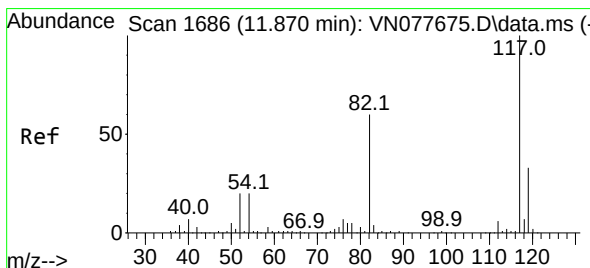
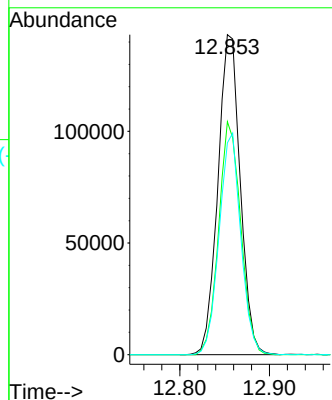
Tgt Ion: 95 Resp: 248304
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.8
176 67.2 0.0 135.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

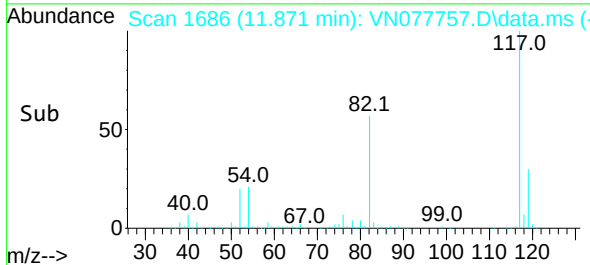
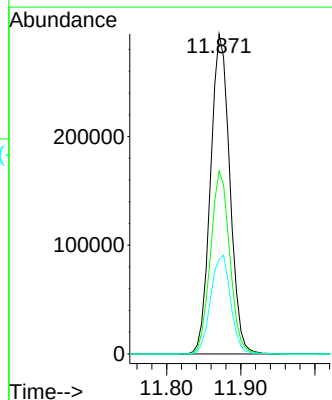
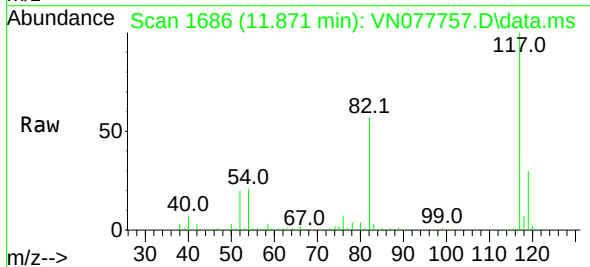
05/22/2023
Supervised By :Mahesh
Dadoda

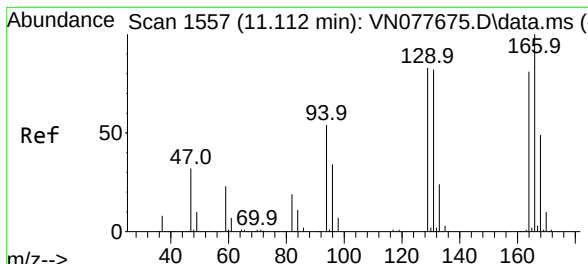
05/22/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

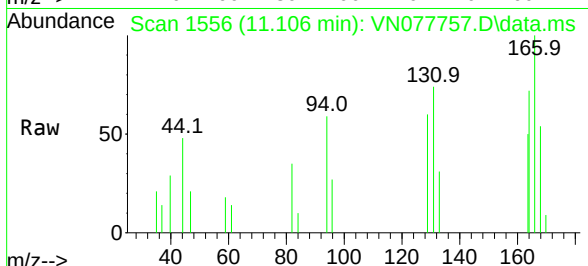
Tgt Ion:117 Resp: 531024
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 29.6 25.6 38.4





#64
Tetrachloroethene
Concen: 0.629 ug/l
RT: 11.106 min Scan# 1557
Delta R.T. -0.006 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20230516DL



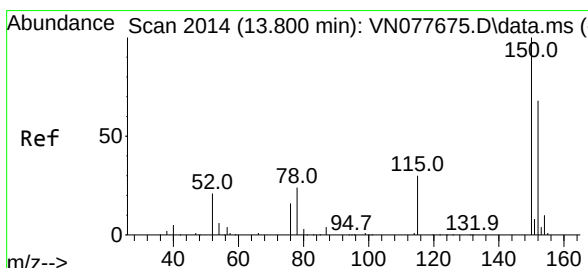
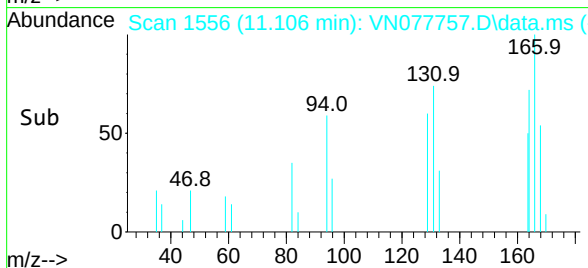
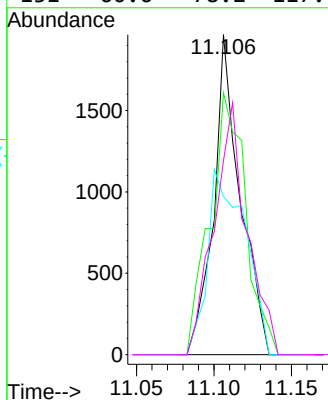
Tgt Ion:164 Resp: 233
Ion Ratio Lower Upper
164 100
166 81.8 101.4 152.0
129 49.4 82.4 123.6
131 60.6 78.2 117.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

05/22/2023
Supervised By :Mahesh
Dadoda

05/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN077757.D
Acq: 19 May 2023 12:28

Tgt Ion:152 Resp: 179319
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 159.4 0.0 355.8

