

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077737.D
 Acq On : 18 May 2023 15:32
 Operator : JC\MD
 Sample : 02834-08 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20230516

Quant Time: May 19 07:35:17 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 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	369498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	662791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	584692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	213967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	253857	45.917	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.840%		
35) Dibromofluoromethane	8.177	113	214090	49.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	10.571	98	818752	49.217	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.859	95	272013	46.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.600%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	5848m	1.430	ug/l	
12) 1,1-Dichloroethene	4.347	96	3334	0.858	ug/l #	93
27) cis-1,2-Dichloroethene	7.488	96	2564	0.490	ug/l	62
44) Trichloroethene	9.359	130	329840	69.829	ug/l	100
64) Tetrachloroethene	11.112	164	2596	0.635	ug/l #	78

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

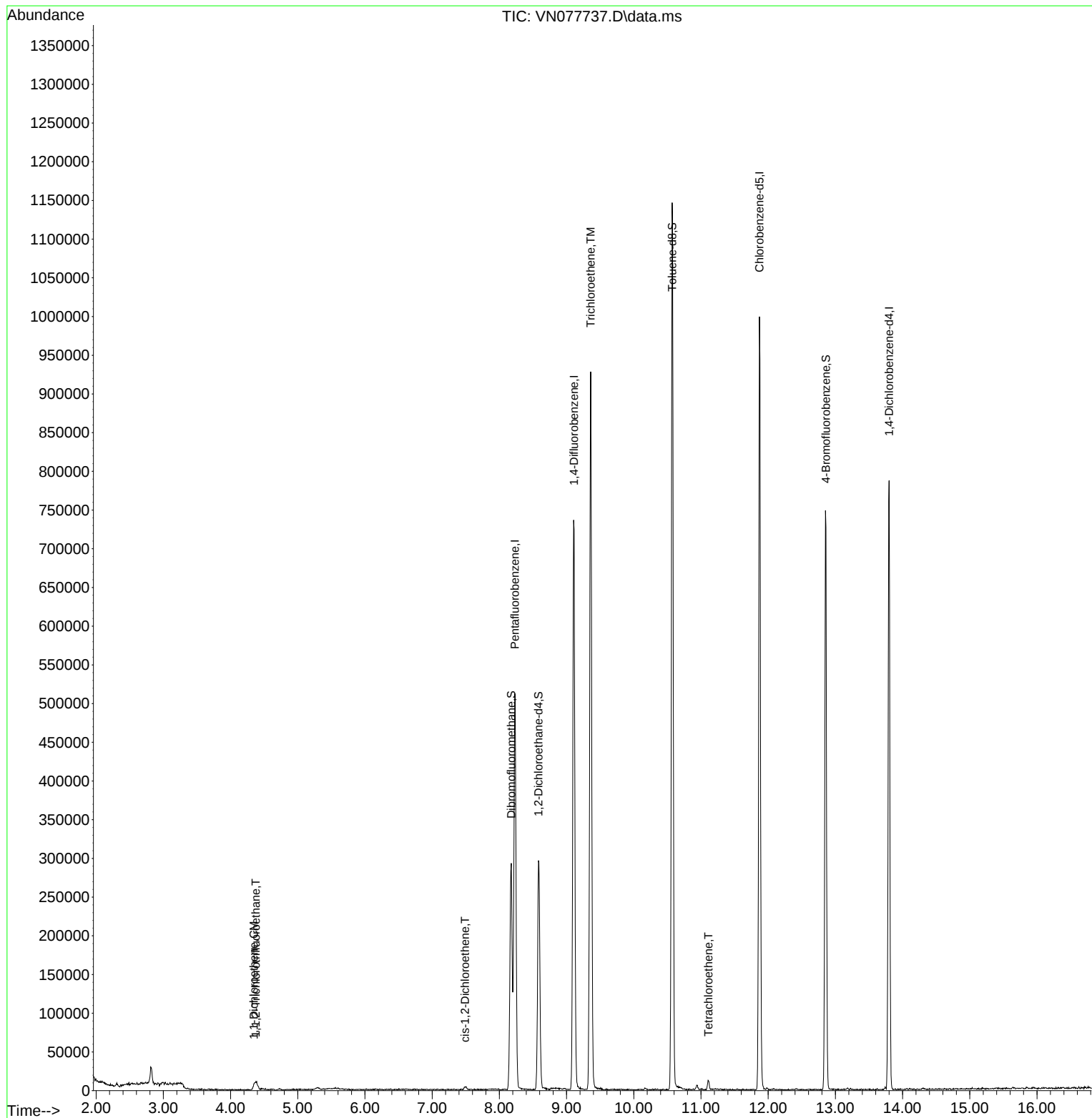
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
Data File : VN077737.D
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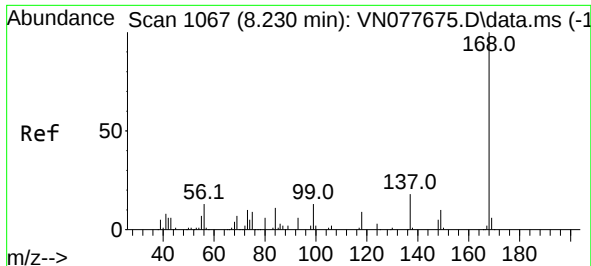
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20230516

Quant Time: May 19 07:35:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
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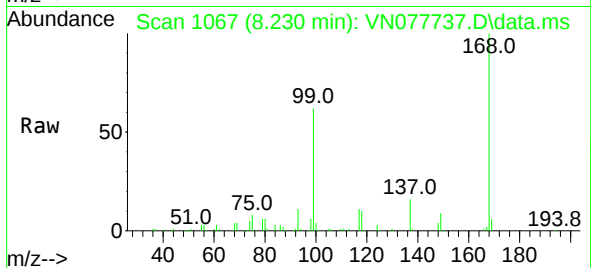
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077737.D
Acq: 18 May 2023 15:32

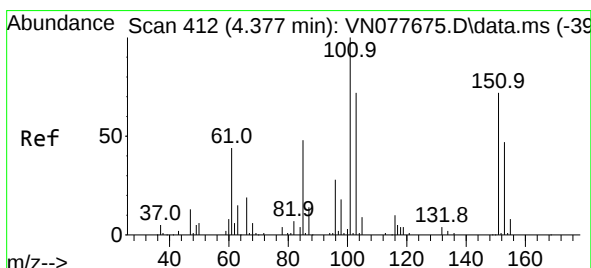
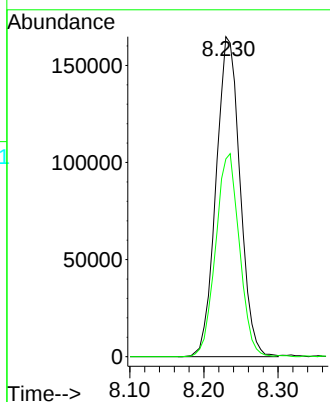
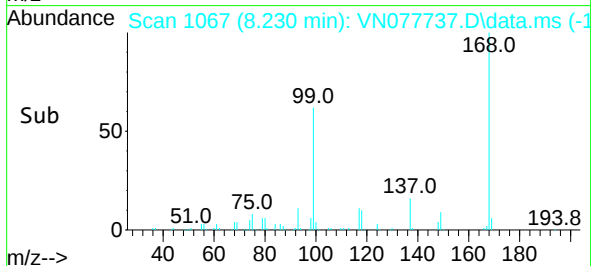
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20230516



Tgt Ion:168 Resp: 369498
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6

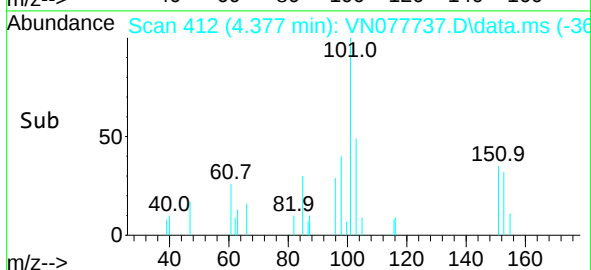
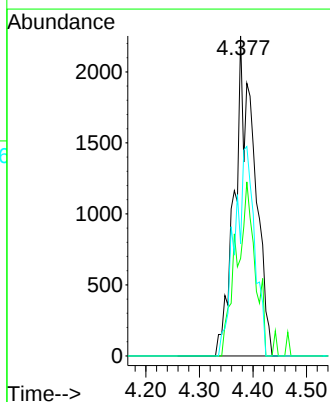
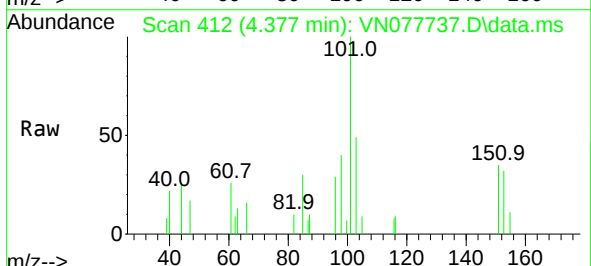
Manual Integrations
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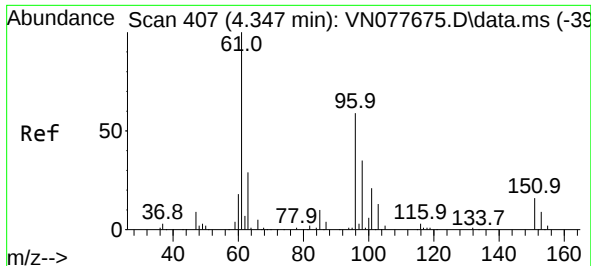
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.430 ug/l m
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077737.D
Acq: 18 May 2023 15:32

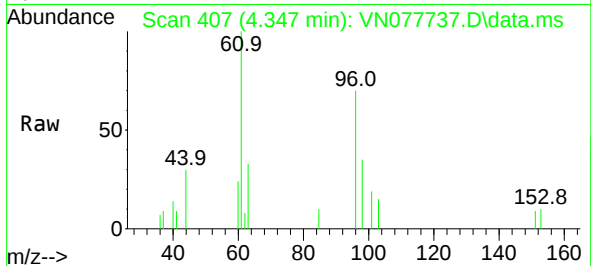
Tgt Ion:101 Resp: 5848
Ion Ratio Lower Upper
101 100
85 50.5 36.6 55.0
151 64.8 57.6 86.4





#12
 1,1-Dichloroethene
 Concen: 0.858 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: VN077737.D
 Acq: 18 May 2023 15:32

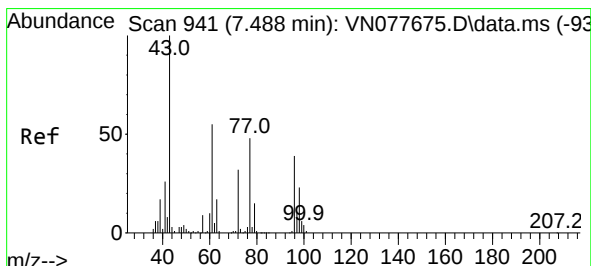
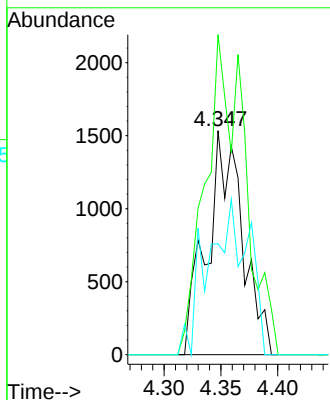
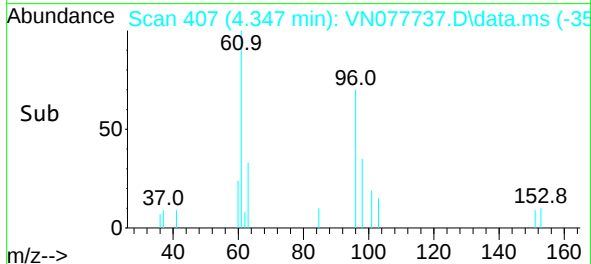
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20230516



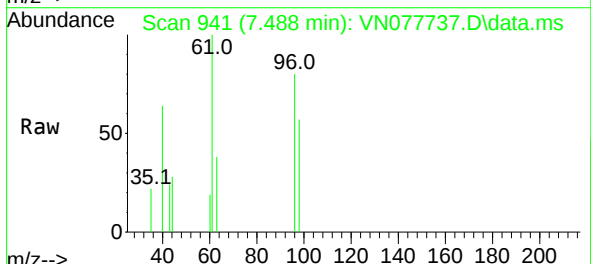
Tgt Ion: 96 Resp: 3334
 Ion Ratio Lower Upper
 96 100
 61 142.9 112.7 169.1
 98 49.5 51.2 76.8

Manual Integrations
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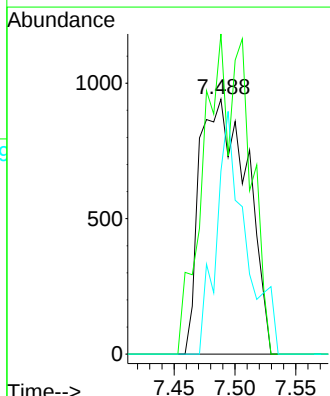
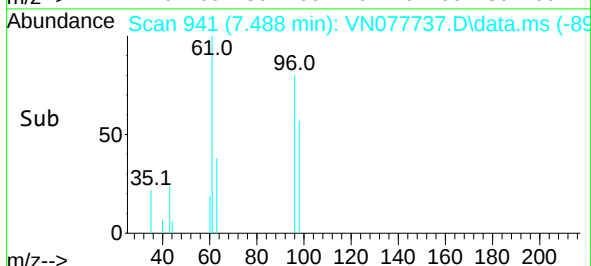
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

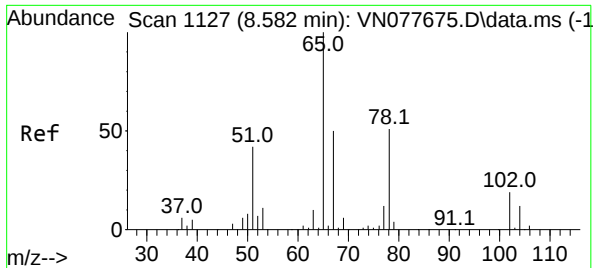


#27
 cis-1,2-Dichloroethene
 Concen: 0.490 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN077737.D
 Acq: 18 May 2023 15:32



Tgt Ion: 96 Resp: 2564
 Ion Ratio Lower Upper
 96 100
 61 66.5 0.0 255.2
 98 58.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 45.917 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077737.D

Acq: 18 May 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20230516

Tgt Ion: 65 Resp: 25385

Ion Ratio Lower Upper

65 100

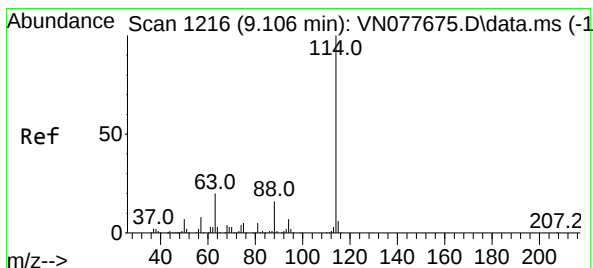
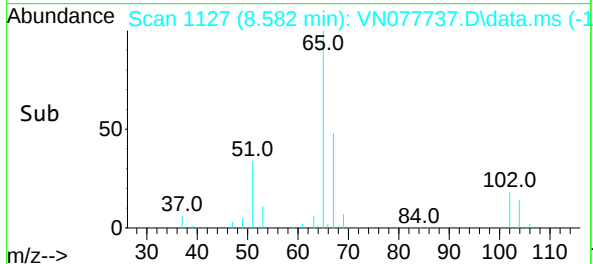
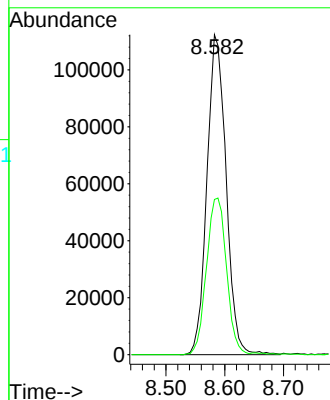
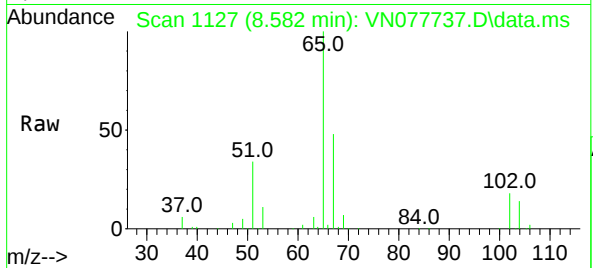
67 51.2 0.0 106.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077737.D

Acq: 18 May 2023 15:32

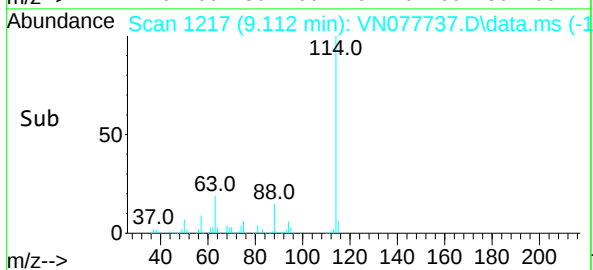
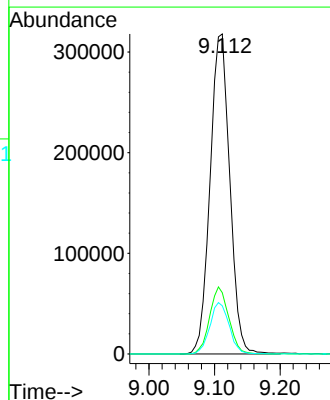
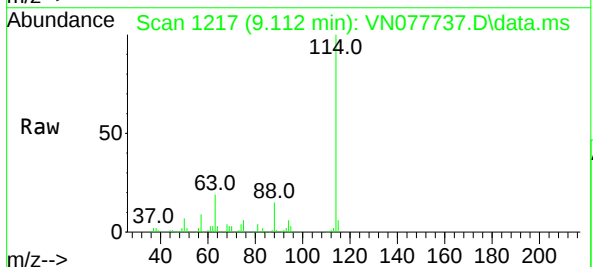
Tgt Ion:114 Resp: 662791

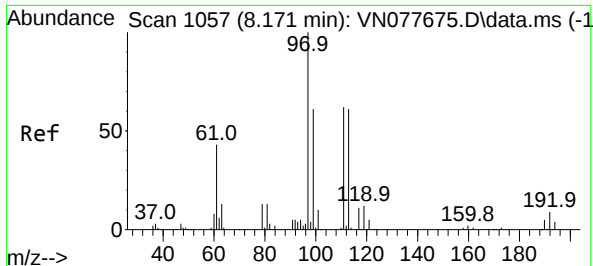
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

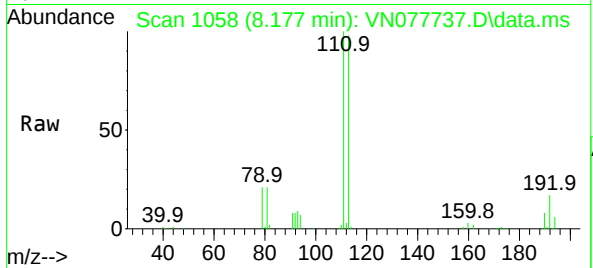
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.535 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077737.D
Acq: 18 May 2023 15:32

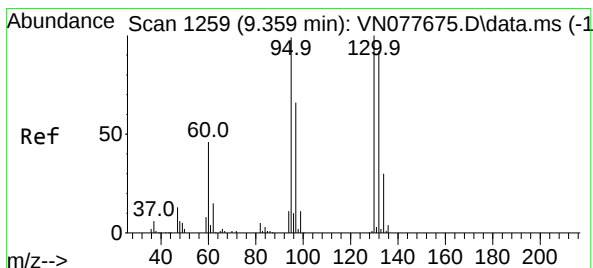
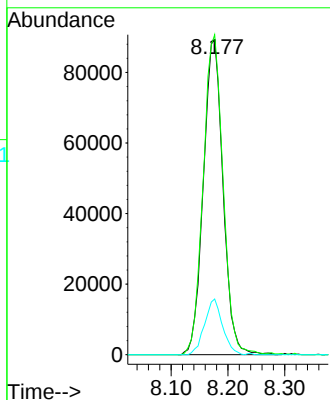
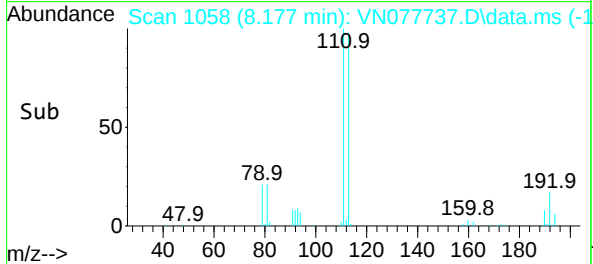
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20230516



Tgt Ion:113 Resp: 214090
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.2 12.7 19.1

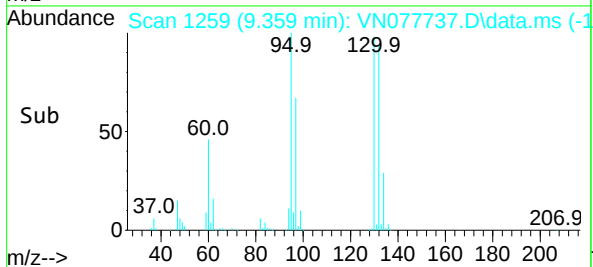
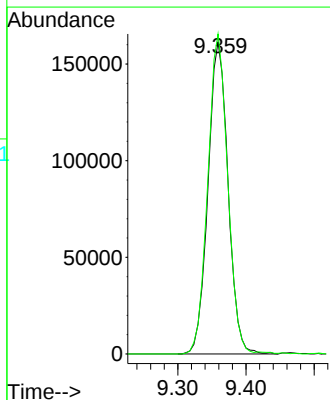
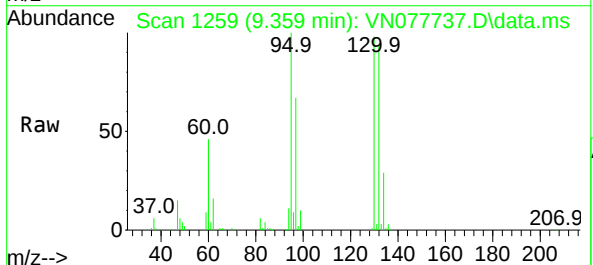
Manual Integrations
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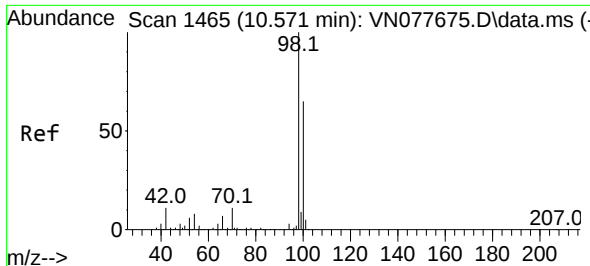
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#44
Trichloroethene
Concen: 69.829 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077737.D
Acq: 18 May 2023 15:32

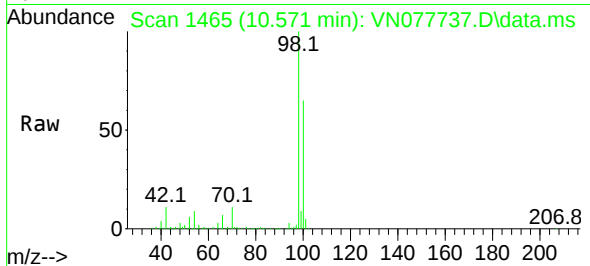
Tgt Ion:130 Resp: 329840
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.6





#50
Toluene-d8
Concen: 49.217 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077737.D
Acq: 18 May 2023 15:32

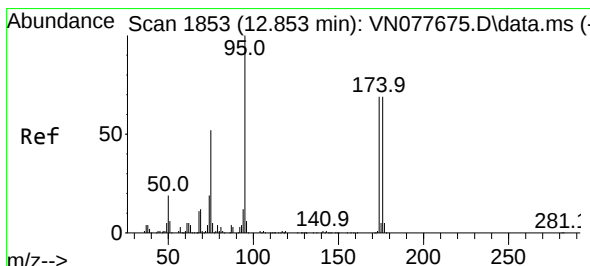
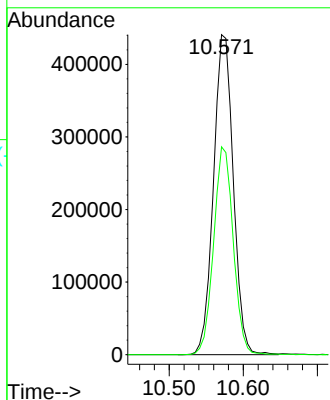
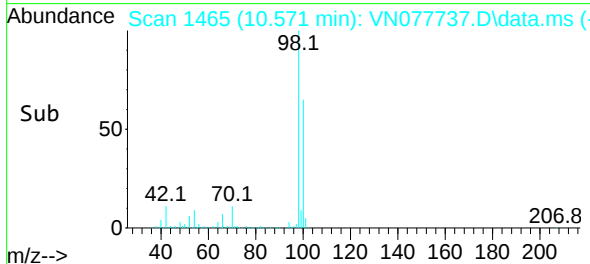
Instrument :
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RE120D1-20230516



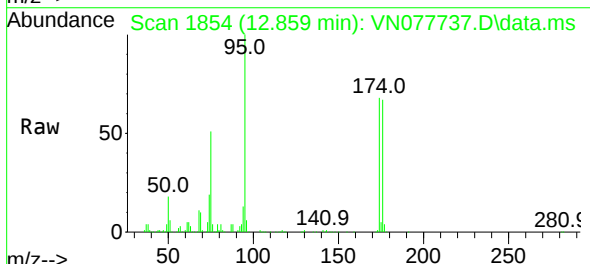
Tgt Ion: 98 Resp: 818752
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

Manual Integrations
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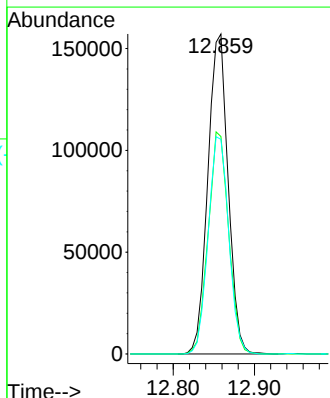
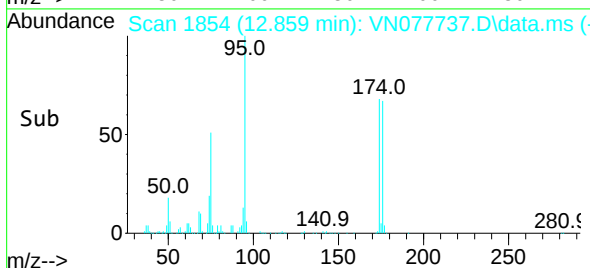
Reviewed By :John Carlone 05/19/2023
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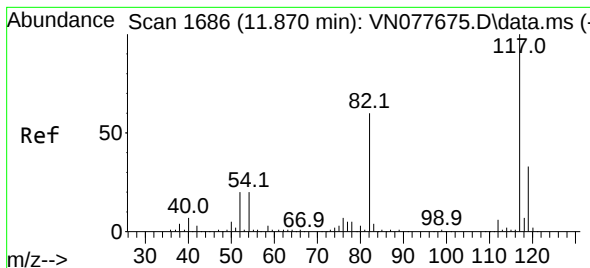


#62
4-Bromofluorobenzene
Concen: 46.297 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077737.D
Acq: 18 May 2023 15:32



Tgt Ion: 95 Resp: 272013
Ion Ratio Lower Upper
95 100
174 70.1 0.0 143.8
176 68.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077737.D

Acq: 18 May 2023 15:32

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20230516

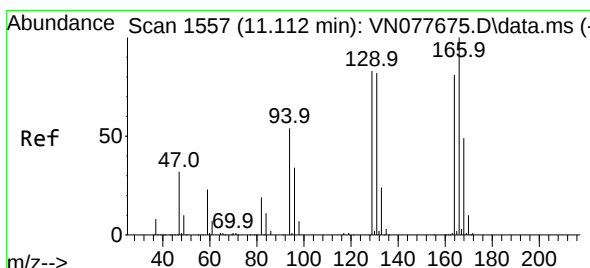
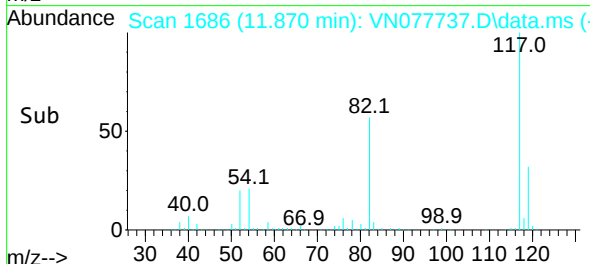
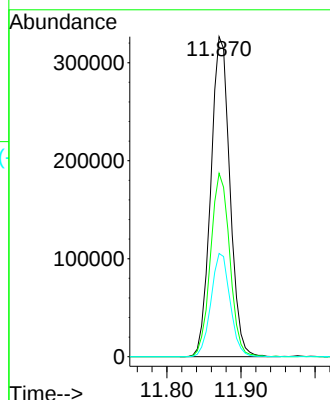
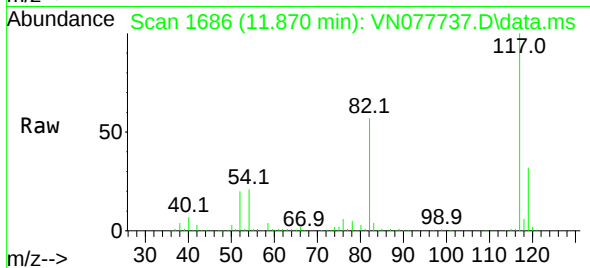
Tgt Ion:117	Resp: 58469
Ion Ratio	Lower Upper
117 100	
82 57.3	44.0 66.0
119 32.2	25.6 38.4

Manual Integrations

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Supervised By :Mahesh Dadoda 05/19/2023



#64

Tetrachloroethene

Concen: 0.635 ug/l

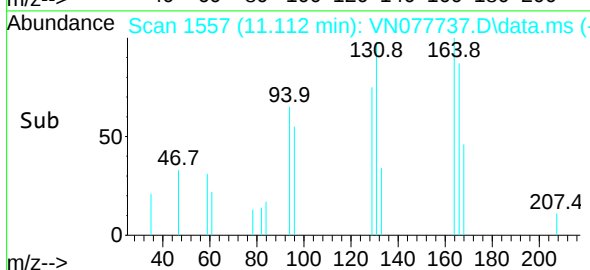
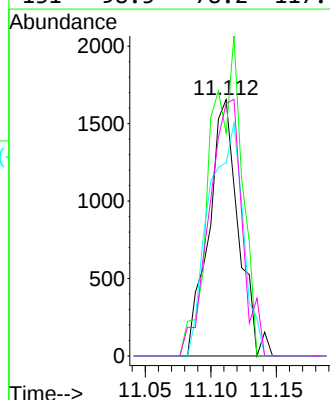
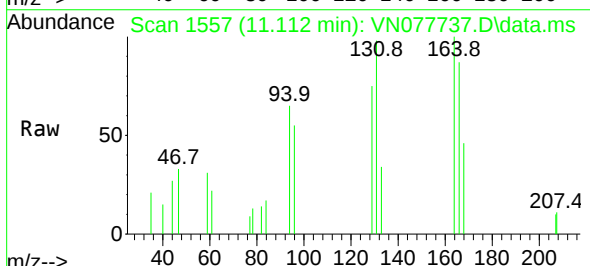
RT: 11.112 min Scan# 1557

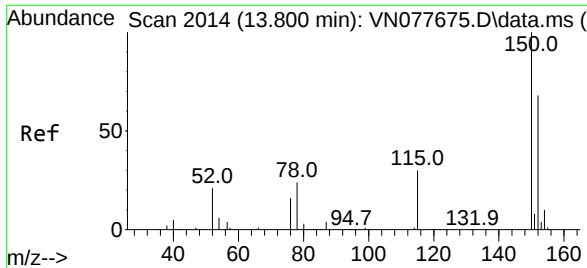
Delta R.T. -0.000 min

Lab File: VN077737.D

Acq: 18 May 2023 15:32

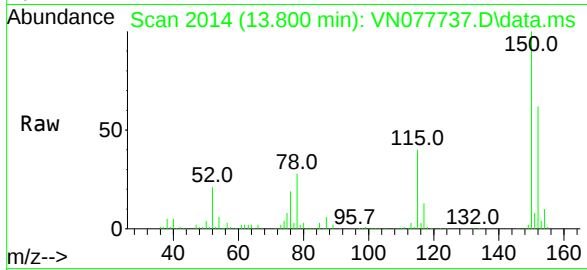
Tgt Ion:164	Resp: 2596
Ion Ratio	Lower Upper
164 100	
166 86.9	101.4 152.0#
129 75.4	82.4 123.6#
131 98.5	78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077737.D
 Acq: 18 May 2023 15:32

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20230516



Tgt Ion:152 Resp: 21396
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 159.2 0.0 355.8

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