

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077758.D
 Acq On : 19 May 2023 12:51
 Operator : JC\MD
 Sample : 02834-11DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230517DL

Quant Time: May 19 23:54:26 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	8.235	168	362183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	656804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	576493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	247885	45.742	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.480%		
35) Dibromofluoromethane	8.177	113	206605	48.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.576	98	808269	49.029	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.060%		
62) 4-Bromofluorobenzene	12.859	95	269382	46.267	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.540%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.394	101	3867	0.965	ug/l #	80
27) cis-1,2-Dichloroethene	7.488	96	2619m	0.510	ug/l	
44) Trichloroethene	9.359	130	171797	36.702	ug/l	98
64) Tetrachloroethene	11.112	164	8553	2.122	ug/l	88

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

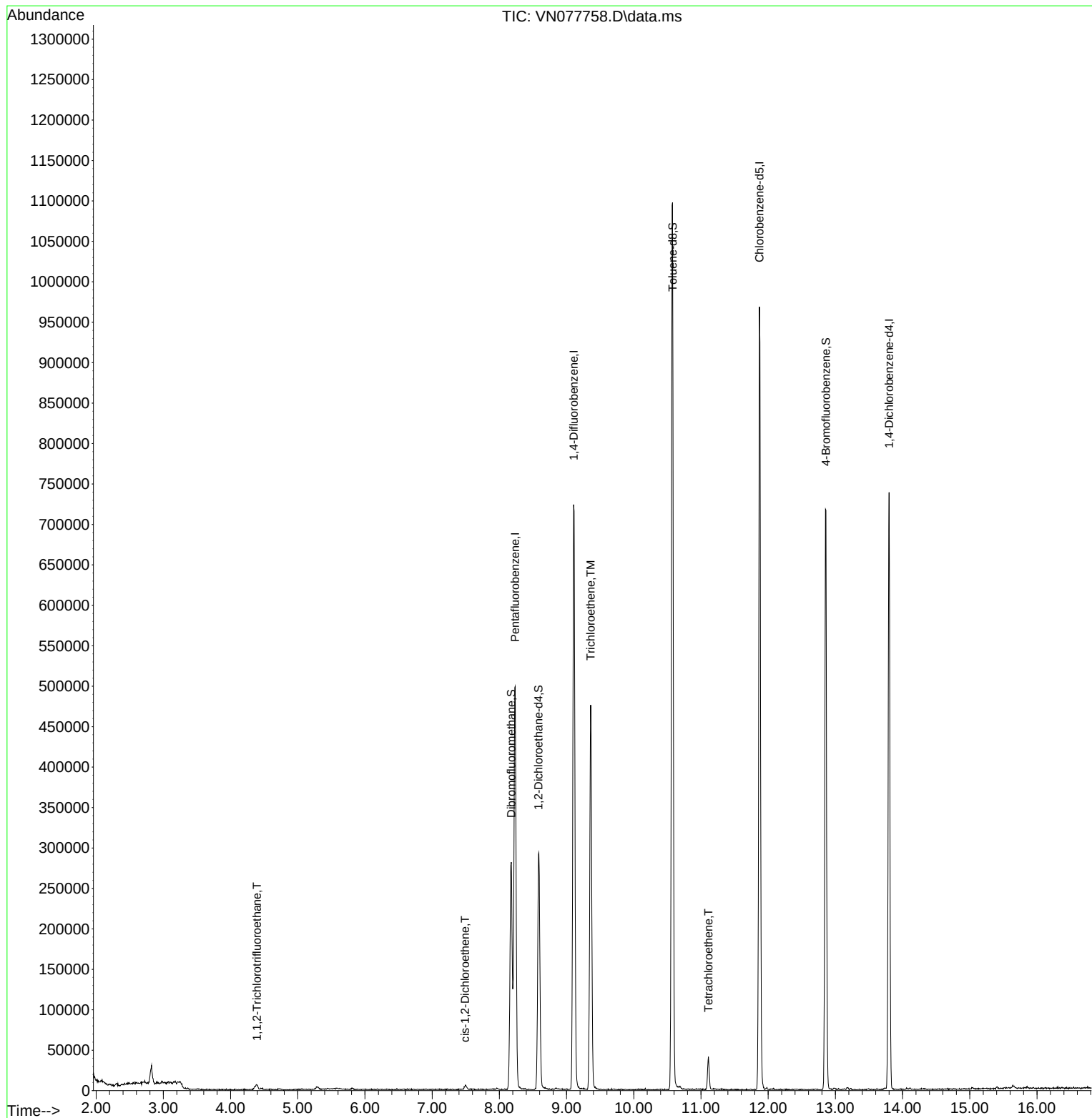
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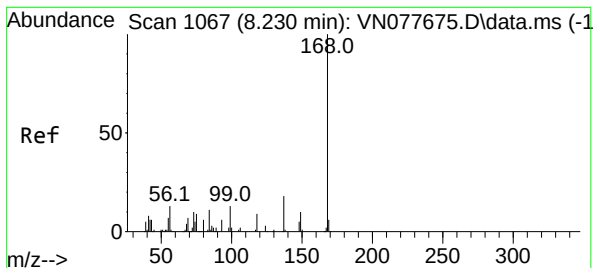
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230517DL

Quant Time: May 19 23:54:26 2023
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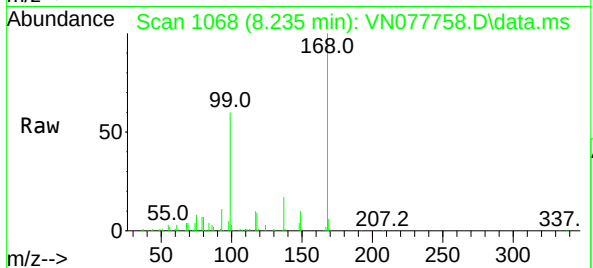
Reviewed By : John Carlone 05/22/2023
Supervised By : Mahesh Dadoda 05/22/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077758.D
Acq: 19 May 2023 12:51

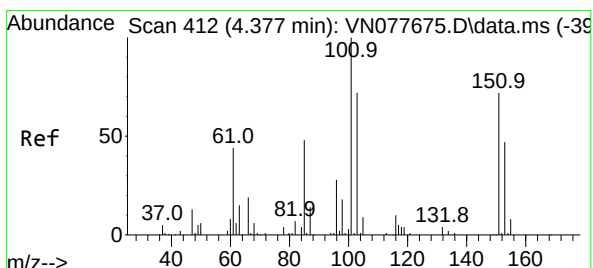
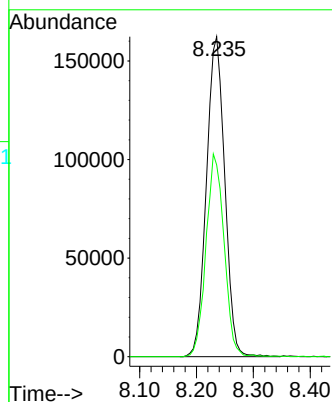
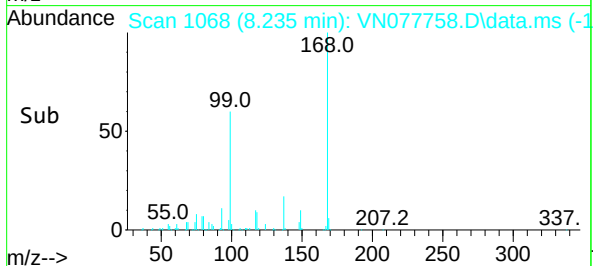
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230517DL



Tgt Ion:168 Resp: 36218
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6

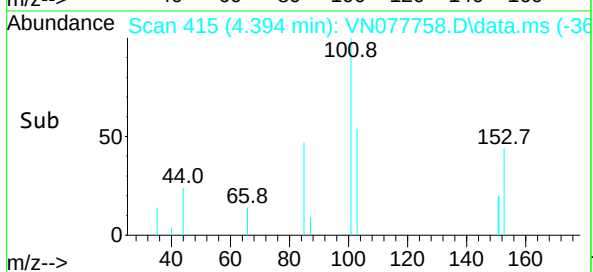
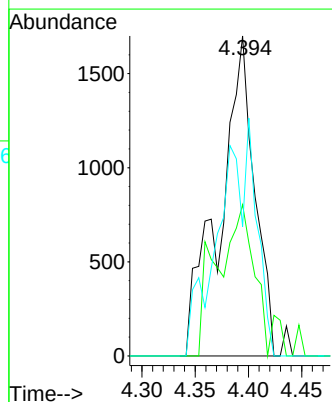
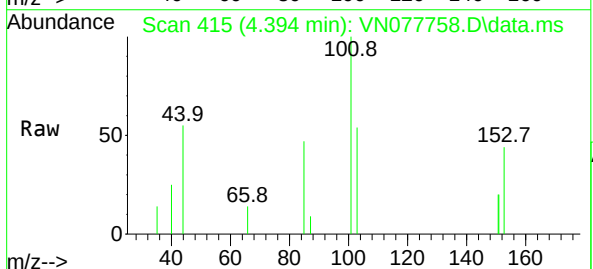
Manual Integrations
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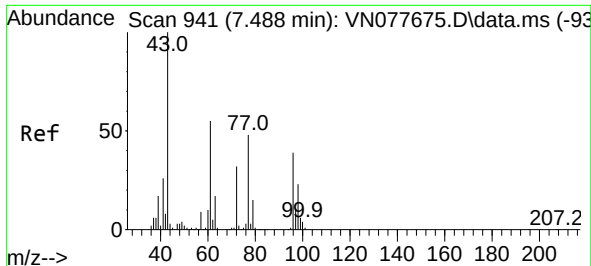
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.965 ug/l
RT: 4.394 min Scan# 415
Delta R.T. 0.017 min
Lab File: VN077758.D
Acq: 19 May 2023 12:51

Tgt Ion:101 Resp: 3867
Ion Ratio Lower Upper
101 100
85 35.5 36.6 55.0#
151 52.3 57.6 86.4#





#27

cis-1,2-Dichloroethene

Concen: 0.510 ug/l m

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN077758.D

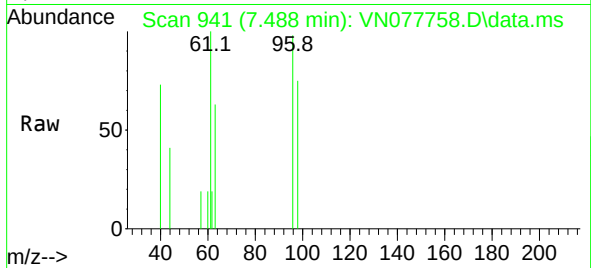
Acq: 19 May 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20230517DL



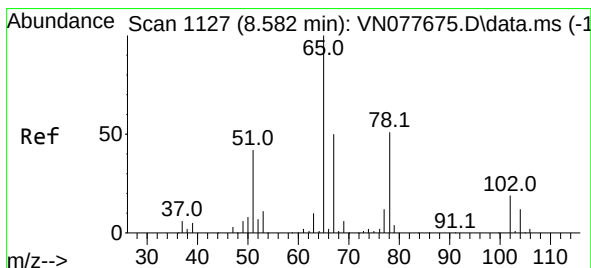
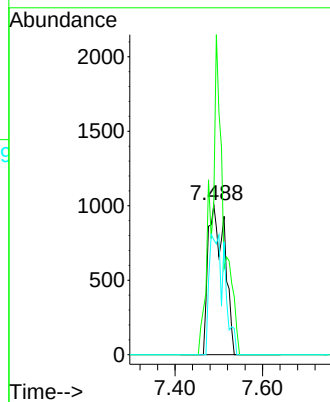
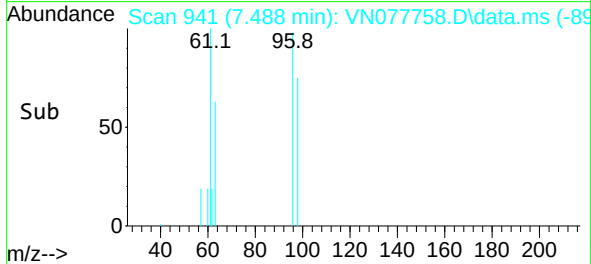
Tgt Ion:	96	Resp:	2619
Ion Ratio	Lower	Upper	
96	100		
61	161.2	0.0	255.2
98	75.4	0.0	128.8

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#33

1,2-Dichloroethane-d4

Concen: 45.742 ug/l

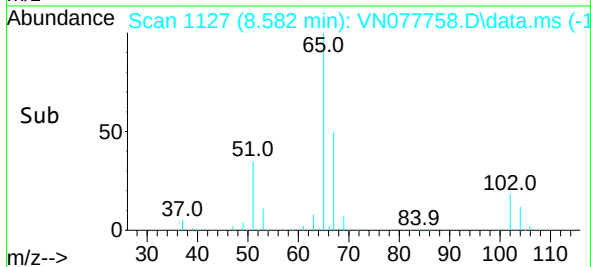
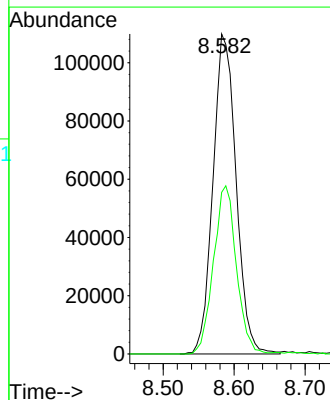
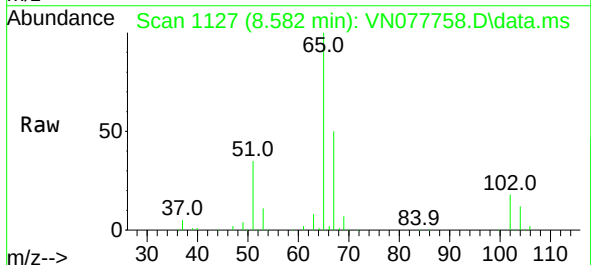
RT: 8.582 min Scan# 1127

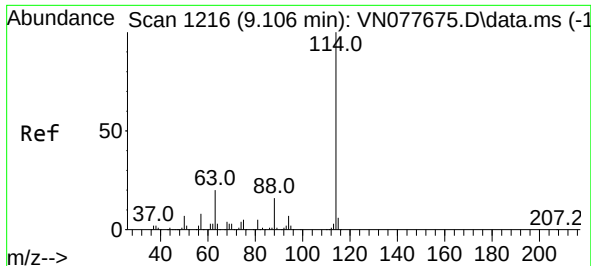
Delta R.T. 0.000 min

Lab File: VN077758.D

Acq: 19 May 2023 12:51

Tgt Ion:	65	Resp:	247885
Ion Ratio	Lower	Upper	
65	100		
67	52.0	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077758.D

Acq: 19 May 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20230517DL

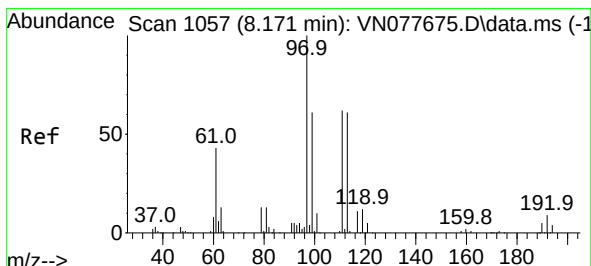
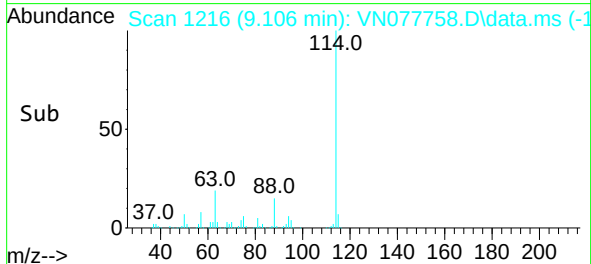
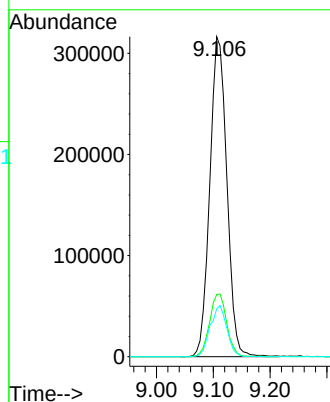
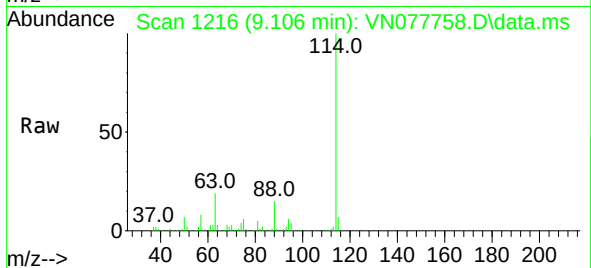
Tgt Ion:	114	Resp:	656804
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	36.4
88	14.9	0.0	30.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.239 ug/l

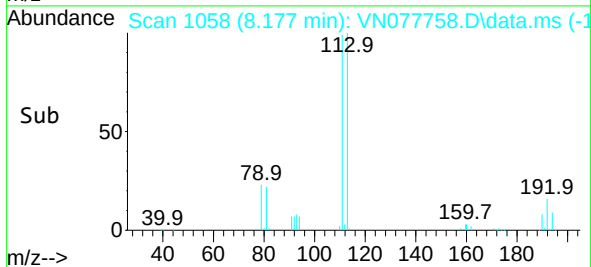
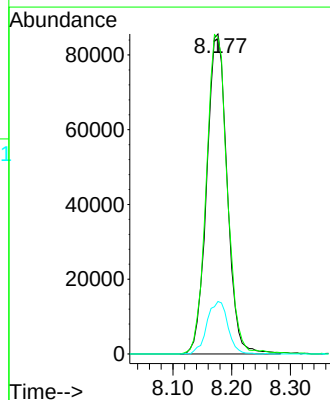
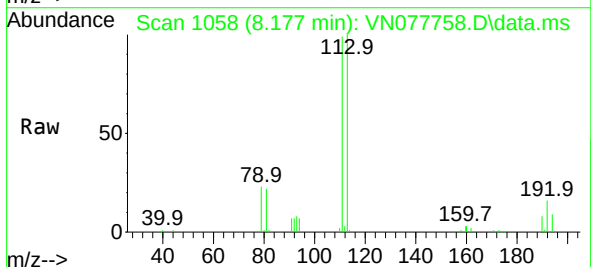
RT: 8.177 min Scan# 1058

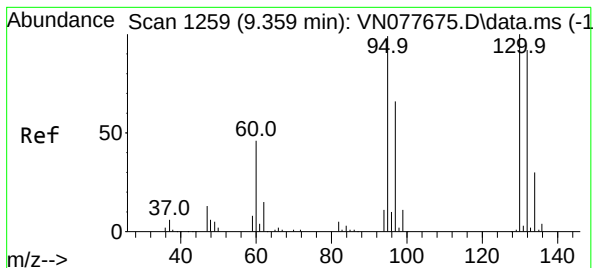
Delta R.T. 0.006 min

Lab File: VN077758.D

Acq: 19 May 2023 12:51

Tgt Ion:	113	Resp:	206605
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	123.8
192	16.8	12.7	19.1





#44

Trichloroethene

Concen: 36.702 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077758.D

Acq: 19 May 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20230517DL

Tgt Ion:130 Resp: 17179

Ion Ratio Lower Upper

130 100

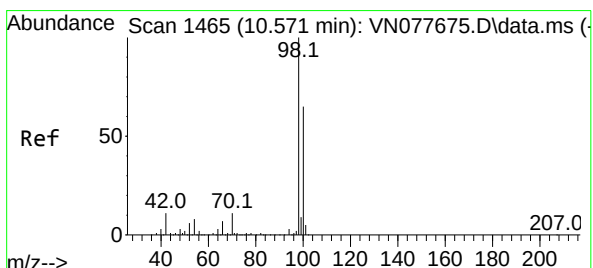
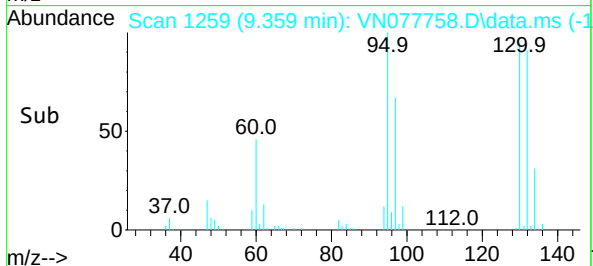
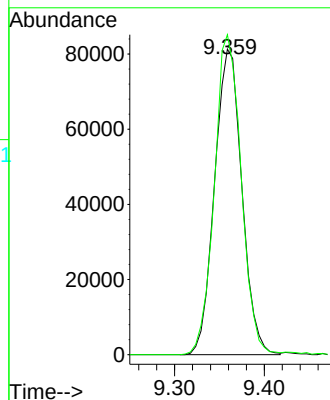
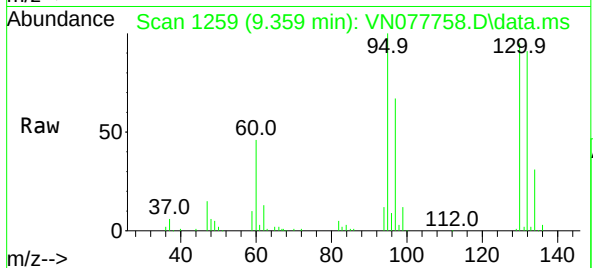
95 104.7 0.0 204.6

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/22/2023



#50

Toluene-d8

Concen: 49.029 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077758.D

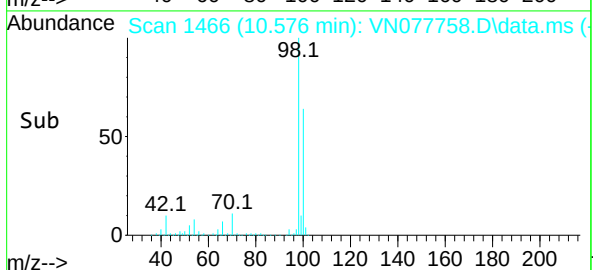
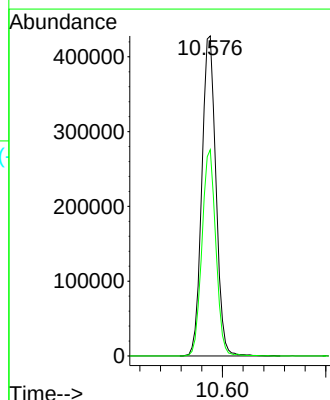
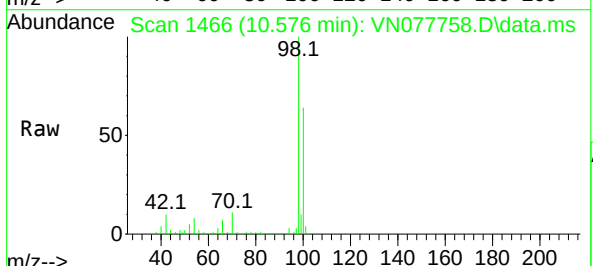
Acq: 19 May 2023 12:51

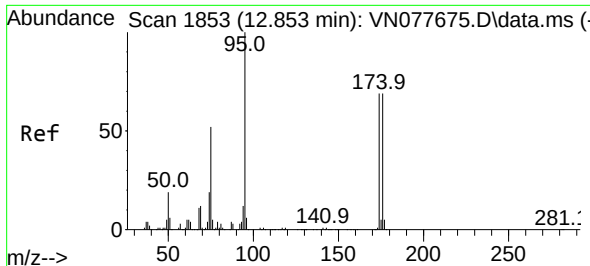
Tgt Ion: 98 Resp: 808269

Ion Ratio Lower Upper

98 100

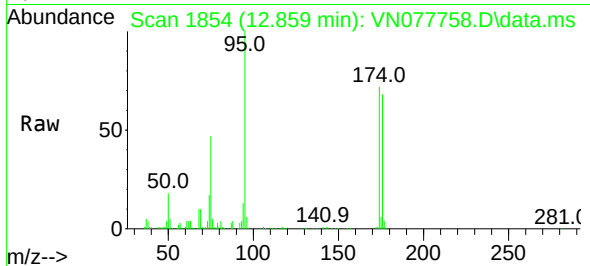
100 63.6 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 46.267 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077758.D
Acq: 19 May 2023 12:51

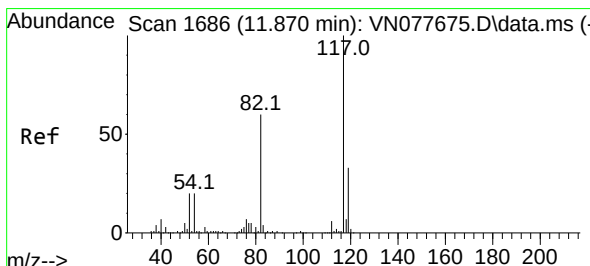
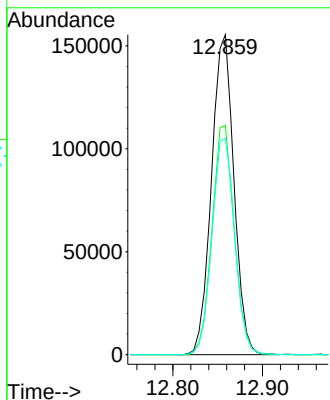
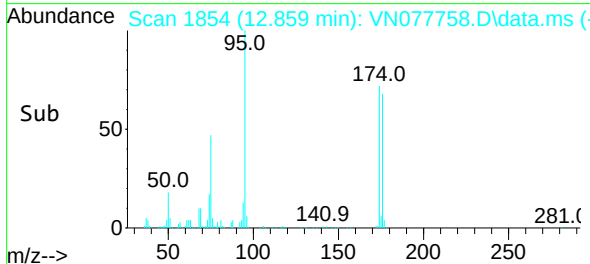
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230517DL



Tgt Ion: 95 Resp: 26938
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.8
176 68.6 0.0 135.8

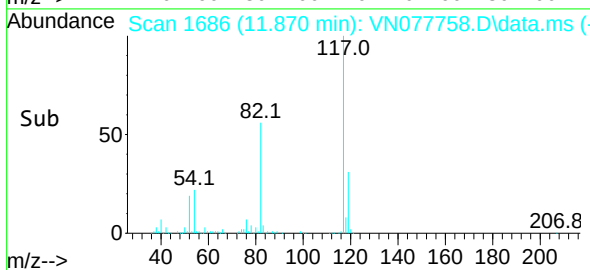
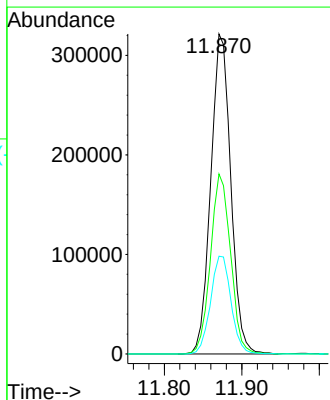
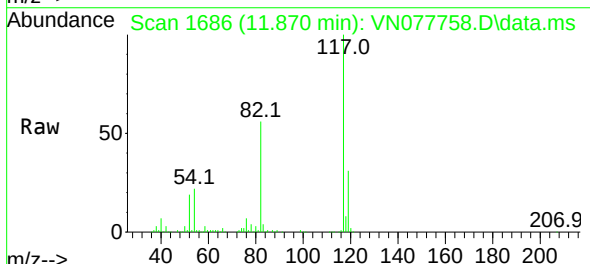
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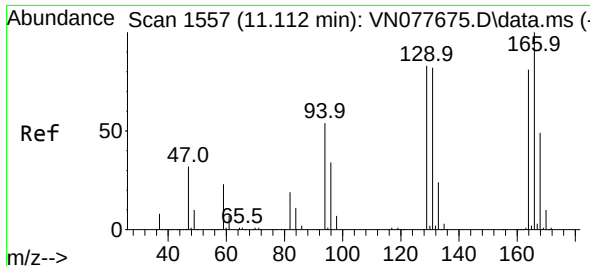
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077758.D
Acq: 19 May 2023 12:51

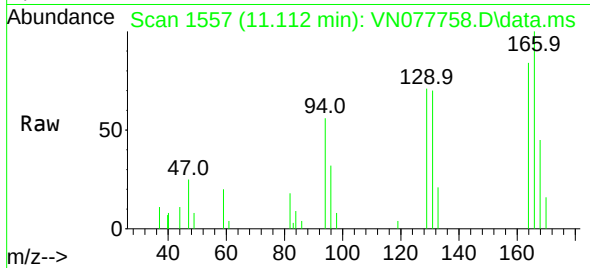
Tgt Ion:117 Resp: 576493
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 30.5 25.6 38.4





#64
Tetrachloroethene
Concen: 2.122 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077758.D
Acq: 19 May 2023 12:51

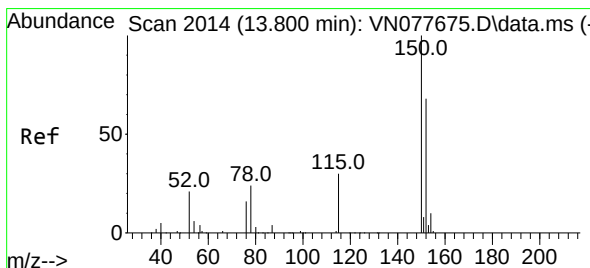
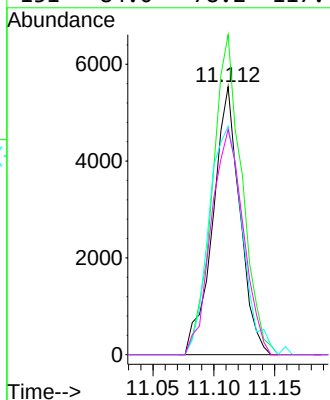
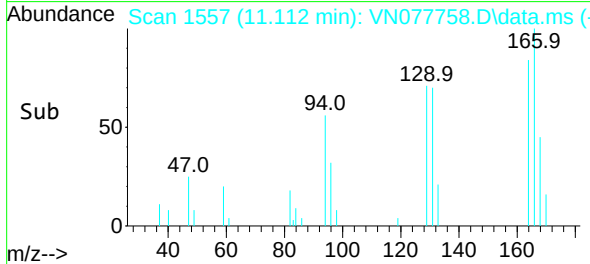
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230517DL



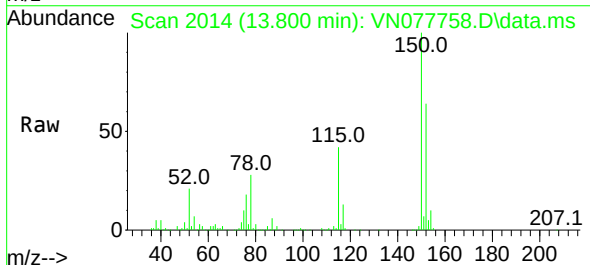
Tgt Ion:164 Resp: 855
Ion Ratio Lower Upper
164 100
166 119.4 101.4 152.0
129 85.2 82.4 123.6
131 84.0 78.2 117.4

Manual Integrations
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Supervised By :Mahesh Dadoda 05/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1204
Delta R.T. -0.000 min
Lab File: VN077758.D
Acq: 19 May 2023 12:51



Tgt Ion:152 Resp: 200245
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 155.3 0.0 355.8

