

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077742.D
 Acq On : 18 May 2023 17:30
 Operator : JC\MD
 Sample : 02834-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20230515

Quant Time: May 19 07:36:24 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	8.236	168	350706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	639420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	201601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238207	45.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.780%		
35) Dibromofluoromethane	8.177	113	201625	48.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	10.577	98	786153	48.984	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.859	95	256489	45.251	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.500%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.395	101	4176m	1.076	ug/l	
12) 1,1-Dichloroethene	4.348	96	4957	1.344	ug/l #	91
27) cis-1,2-Dichloroethene	7.494	96	5113	1.029	ug/l	98
30) Chloroform	7.977	83	2959	0.346	ug/l	88
38) Carbon Tetrachloride	8.365	117	8659	1.406	ug/l #	83
44) Trichloroethene	9.359	130	451985	99.185	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	2174	0.489	ug/l #	91

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

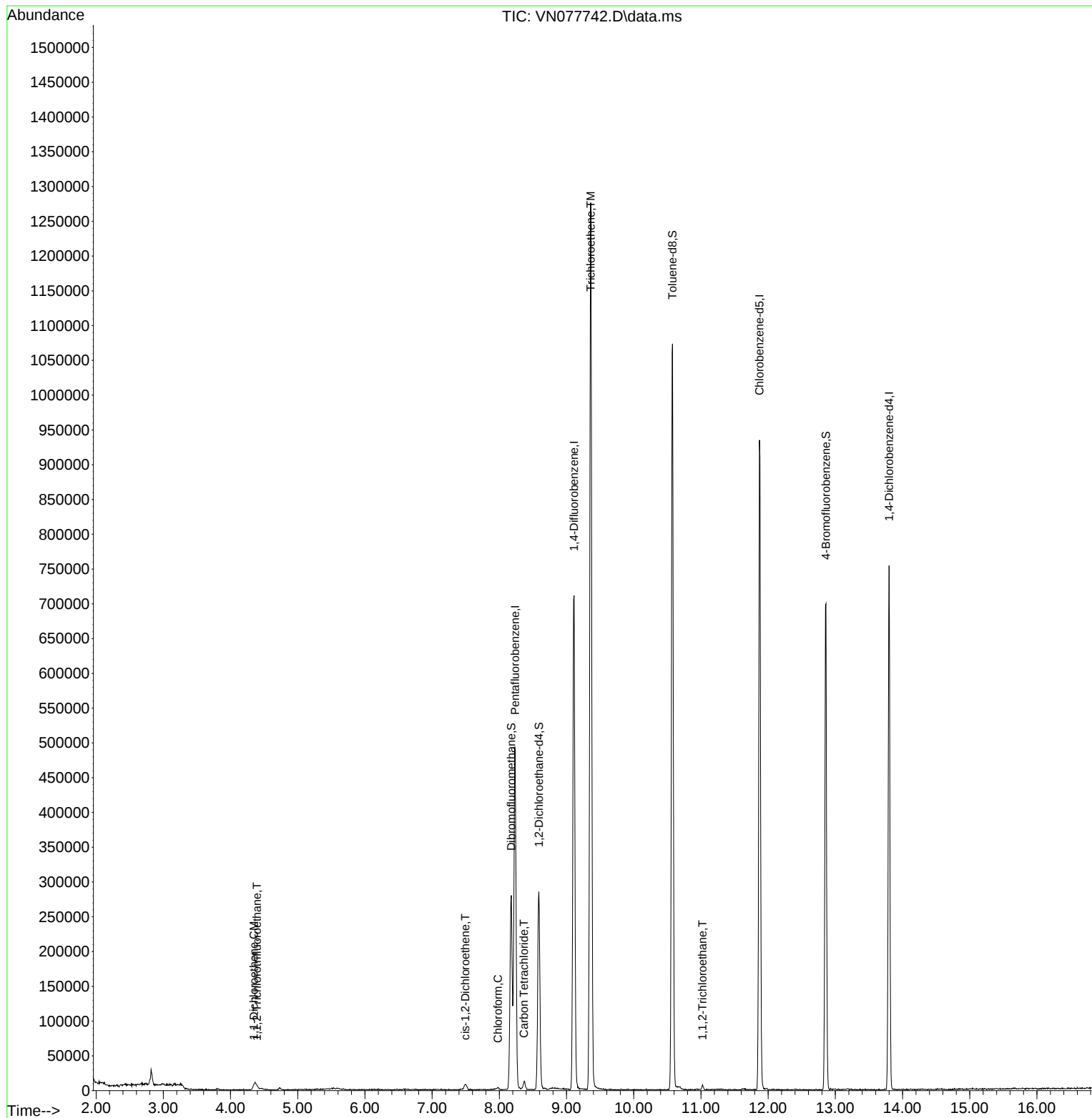
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
Data File : VN077742.D
Acq On : 18 May 2023 17:30
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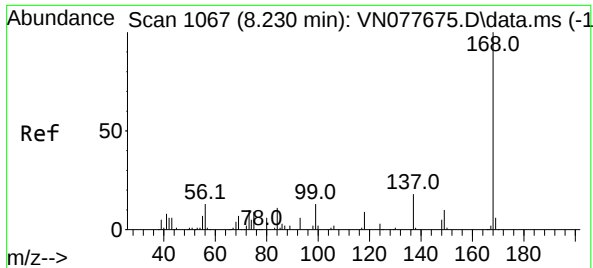
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230515

Quant Time: May 19 07:36:24 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

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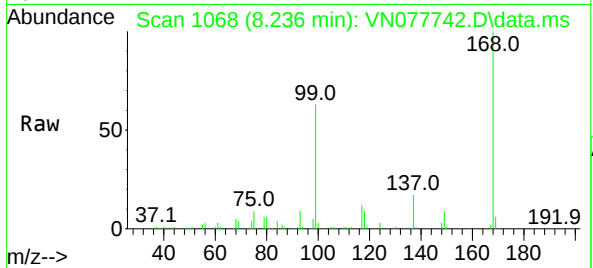
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

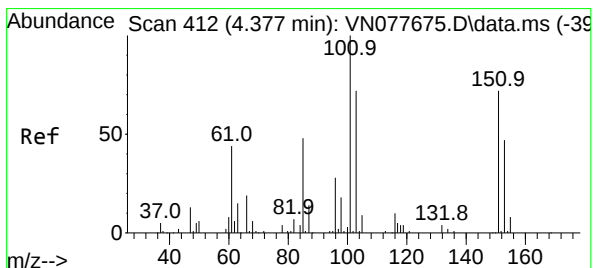
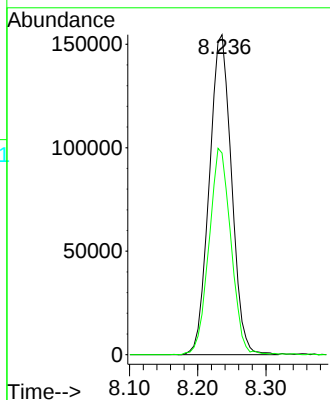
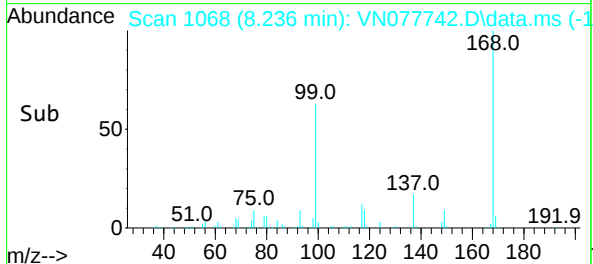
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230515



Tgt Ion:168 Resp: 350700
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6

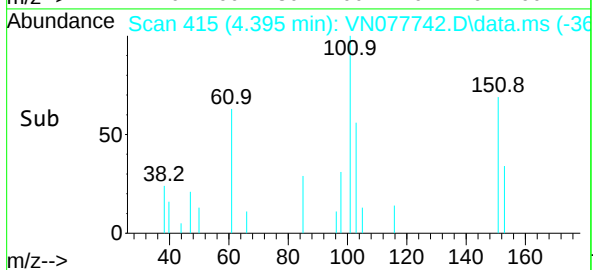
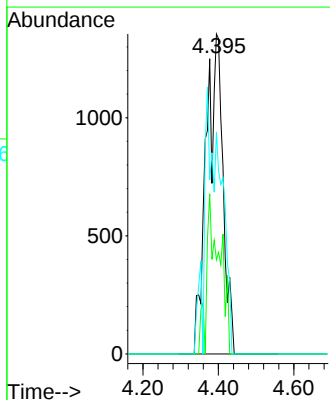
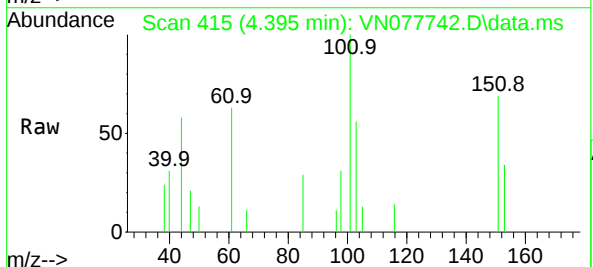
Manual Integrations
APPROVED

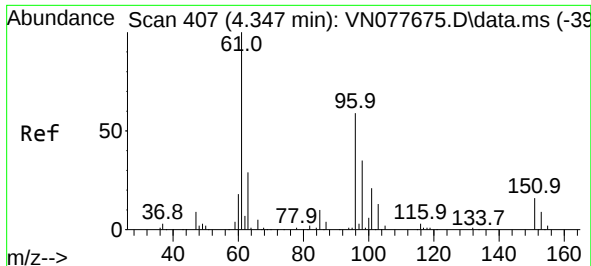
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.076 ug/l m
RT: 4.395 min Scan# 415
Delta R.T. 0.018 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

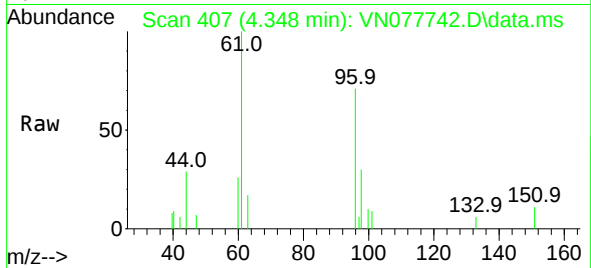
Tgt Ion:101 Resp: 4176
Ion Ratio Lower Upper
101 100
85 39.3 36.6 55.0
151 43.5 57.6 86.4#





#12
1,1-Dichloroethene
Concen: 1.344 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

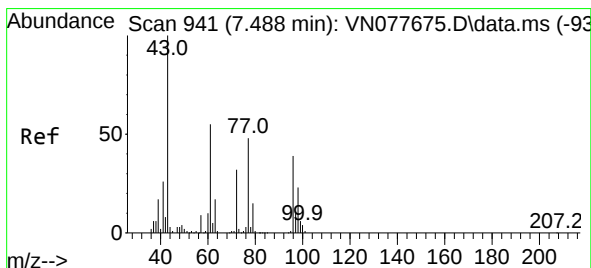
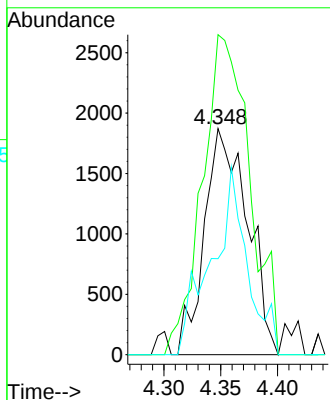
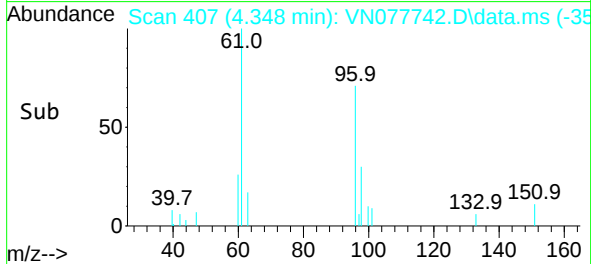
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230515



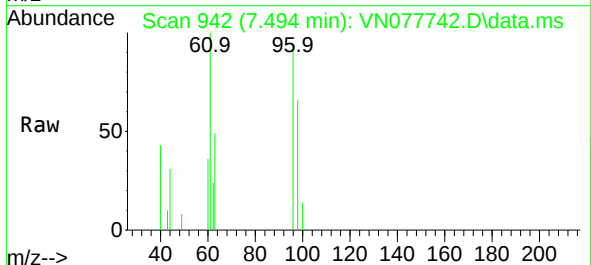
Tgt Ion: 96 Resp: 495
Ion Ratio Lower Upper
96 100
61 141.5 112.7 169.1
98 42.5 51.2 76.8

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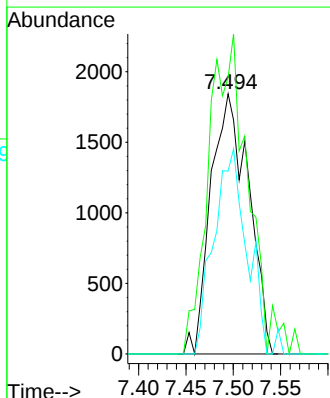
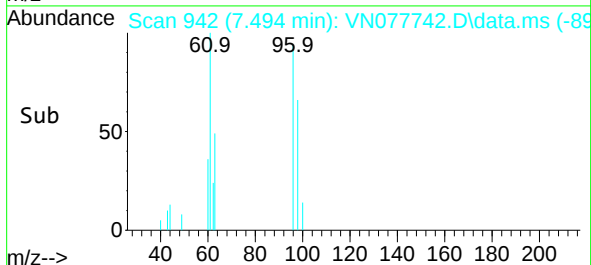
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

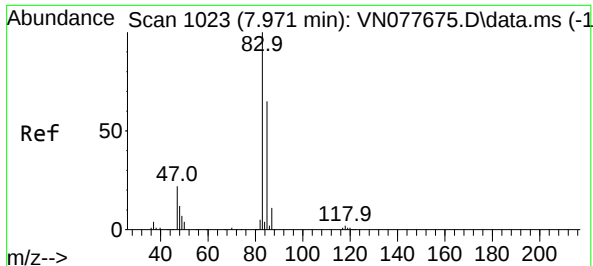


#27
cis-1,2-Dichloroethene
Concen: 1.029 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30



Tgt Ion: 96 Resp: 5113
Ion Ratio Lower Upper
96 100
61 128.7 0.0 255.2
98 68.6 0.0 128.8





#30

Chloroform

Concen: 0.346 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077742.D

Acq: 18 May 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20230515

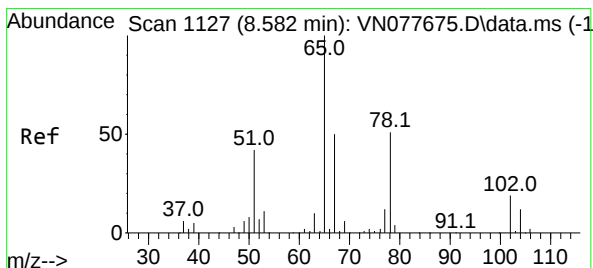
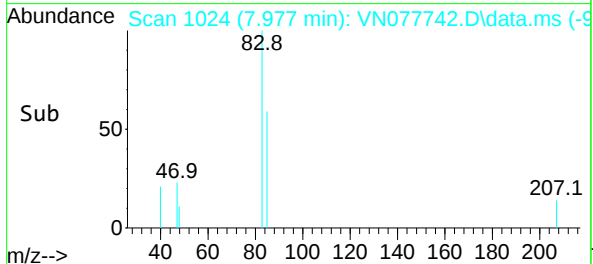
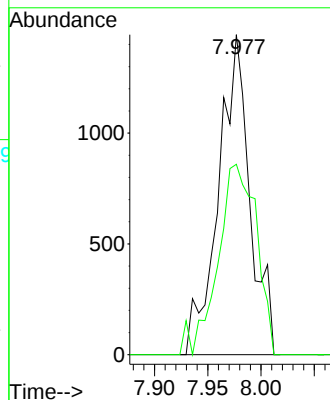
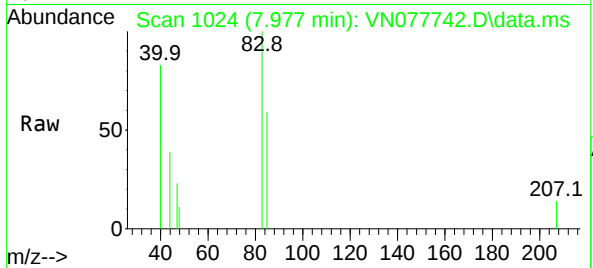
Tgt Ion: 83 Resp: 2958
 Ion Ratio Lower Upper
 83 100
 85 59.5 55.4 83.0

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#33

1,2-Dichloroethane-d4

Concen: 45.395 ug/l

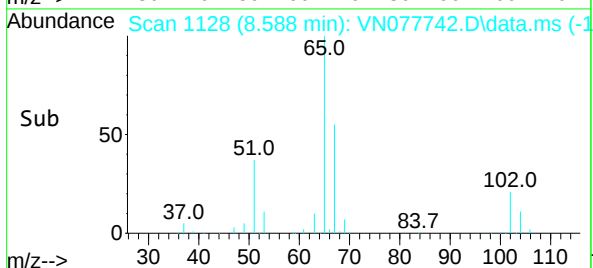
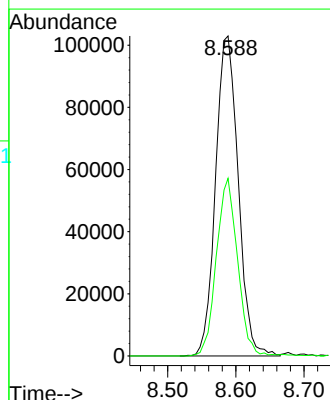
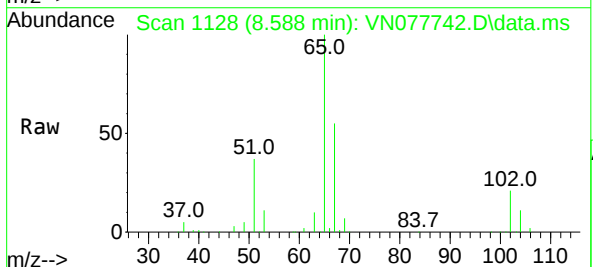
RT: 8.588 min Scan# 1128

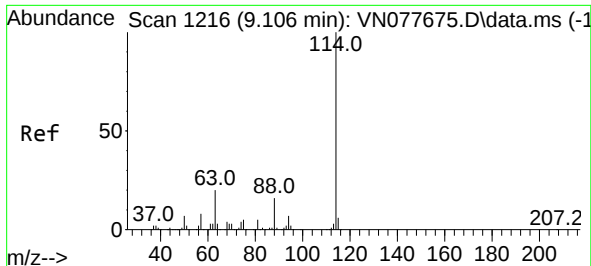
Delta R.T. 0.006 min

Lab File: VN077742.D

Acq: 18 May 2023 17:30

Tgt Ion: 65 Resp: 238207
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077742.D

Acq: 18 May 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

RE117D1-20230515

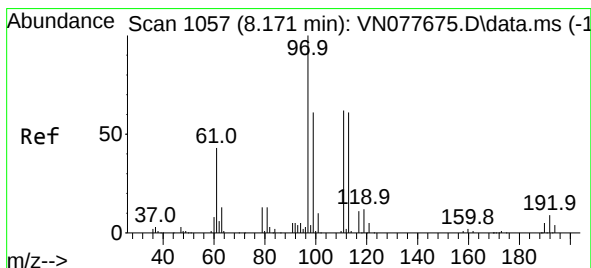
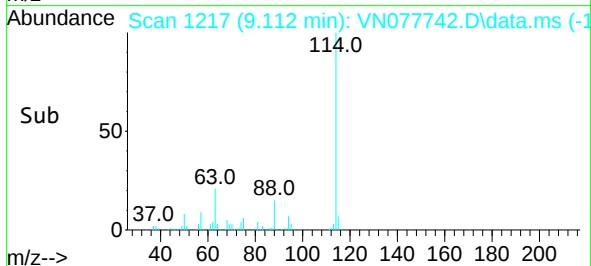
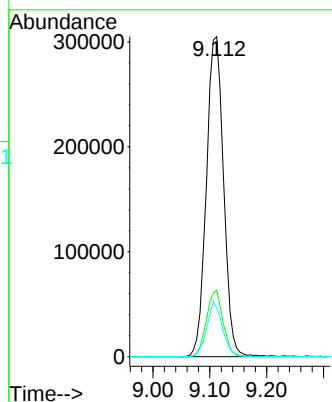
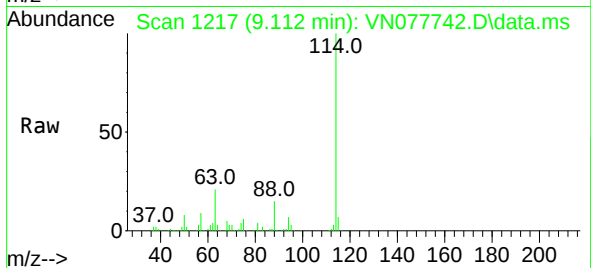
Tgt Ion:	114	Resp:	639420
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	36.4
88	15.3	0.0	30.6

Manual Integrations

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Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#35

Dibromofluoromethane

Concen: 48.356 ug/l

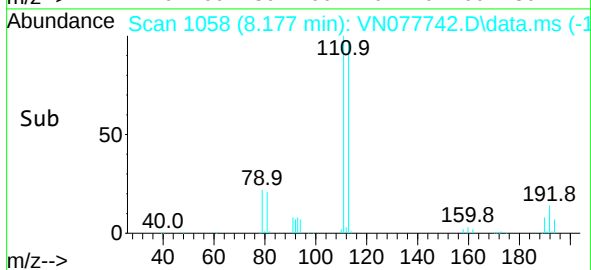
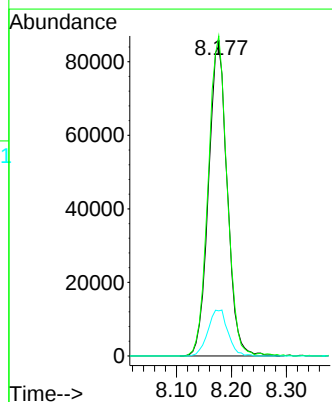
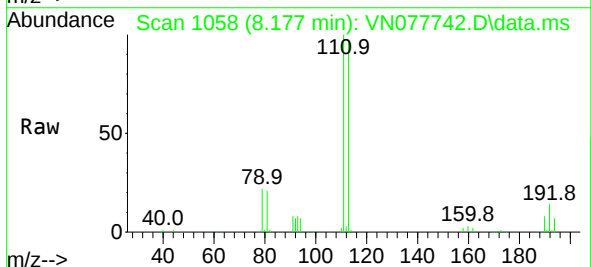
RT: 8.177 min Scan# 1058

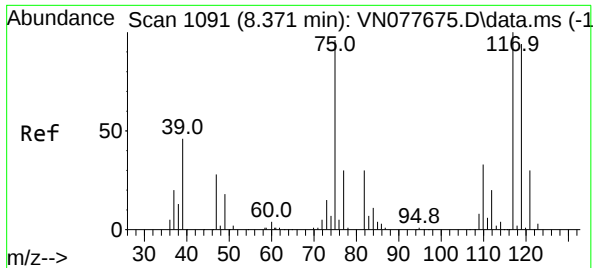
Delta R.T. 0.006 min

Lab File: VN077742.D

Acq: 18 May 2023 17:30

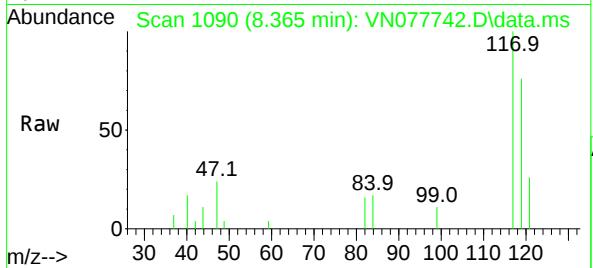
Tgt Ion:	113	Resp:	201625
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	123.8
192	15.6	12.7	19.1





#38
Carbon Tetrachloride
Concen: 1.406 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

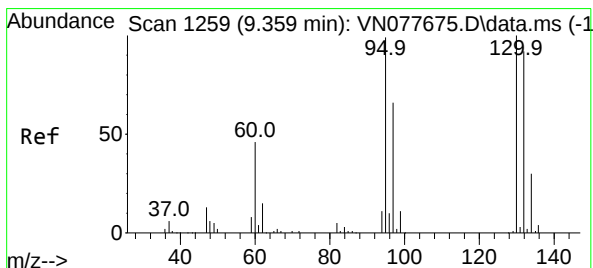
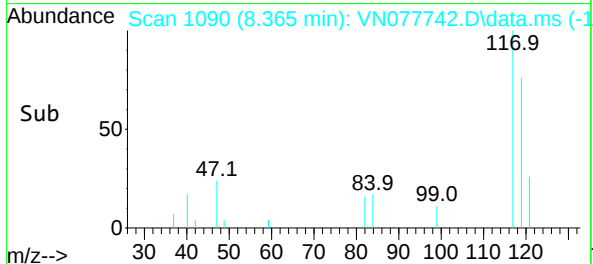
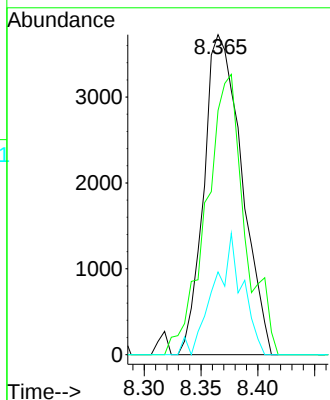
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230515



Tgt Ion:117 Resp: 8659
Ion Ratio Lower Upper
117 100
119 76.3 77.3 115.9
121 25.8 23.3 34.9

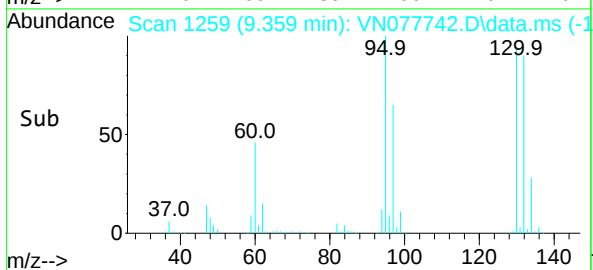
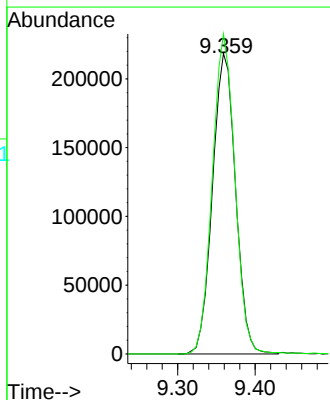
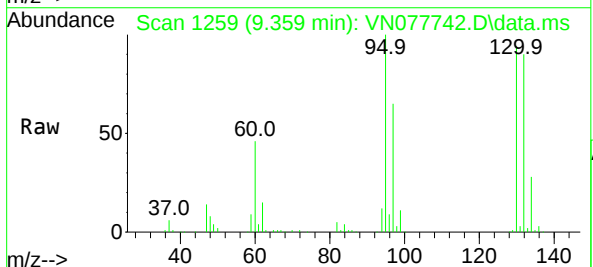
Manual Integrations
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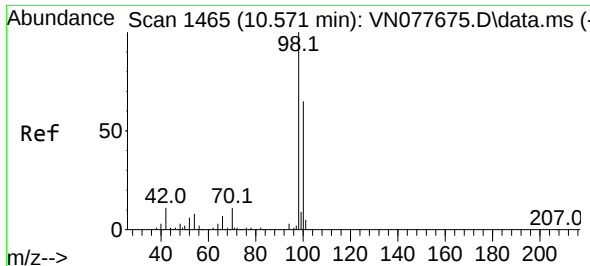
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#44
Trichloroethene
Concen: 99.185 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

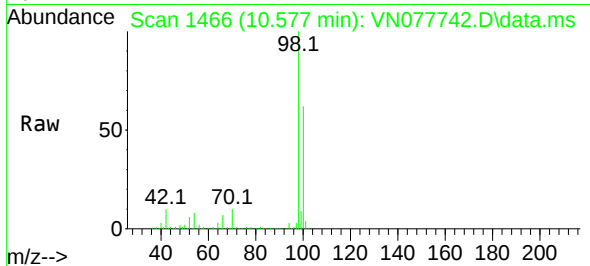
Tgt Ion:130 Resp: 451985
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.6





#50
Toluene-d8
Concen: 48.984 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

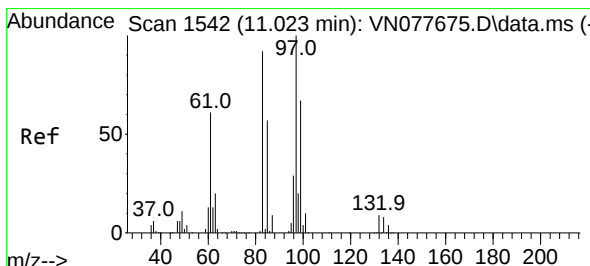
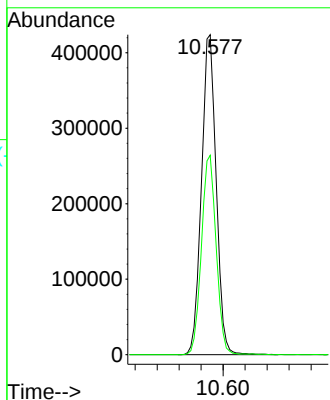
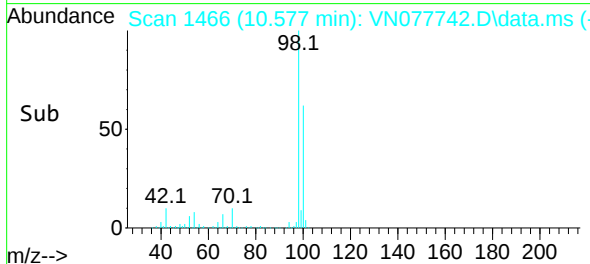
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230515



Tgt Ion: 98 Resp: 78615
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0

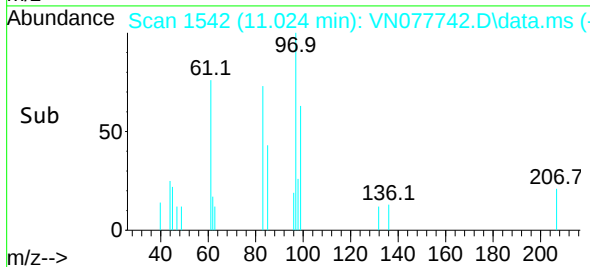
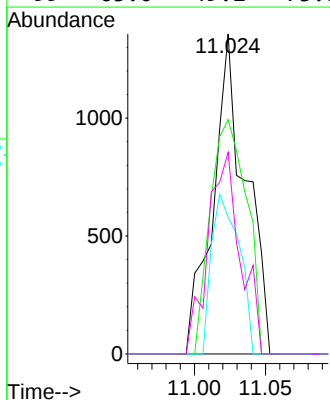
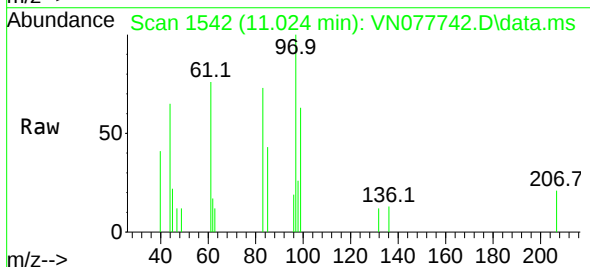
Manual Integrations
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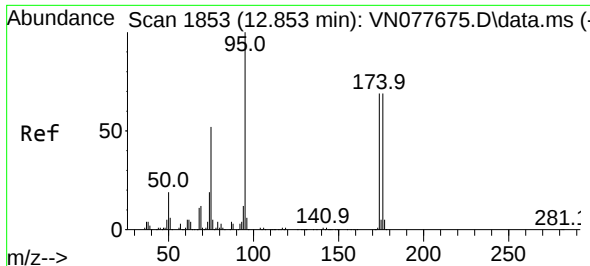
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#55
1,1,2-Trichloroethane
Concen: 0.489 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

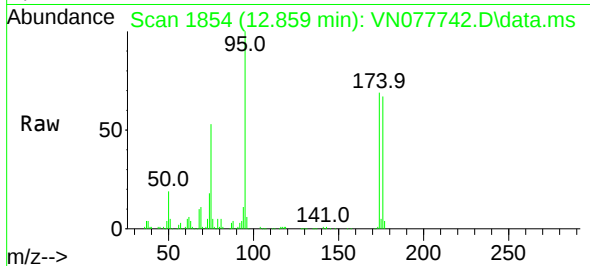
Tgt Ion: 97 Resp: 2174
Ion Ratio Lower Upper
97 100
83 73.2 65.1 97.7
85 42.7 43.4 65.2#
99 63.0 49.2 73.8





#62
4-Bromofluorobenzene
Concen: 45.251 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

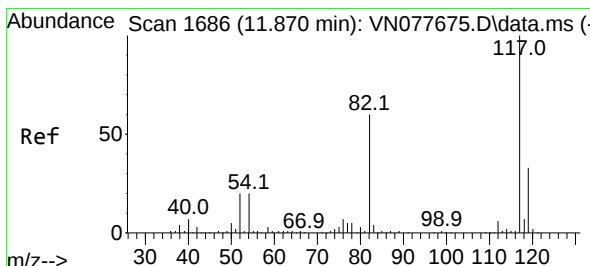
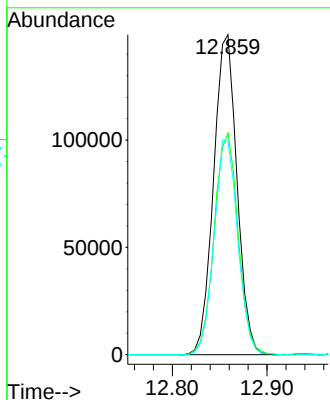
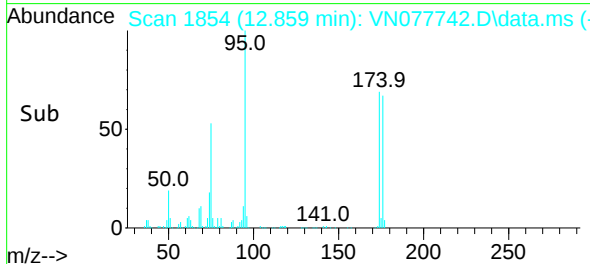
Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230515



Tgt Ion: 95 Resp: 256489
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 68.1 0.0 135.8

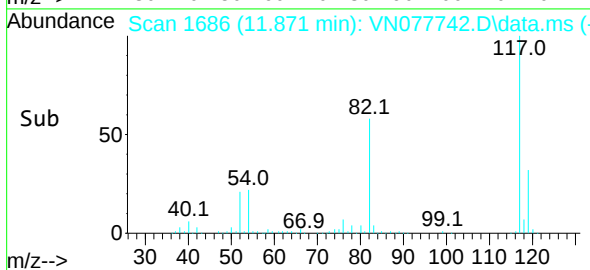
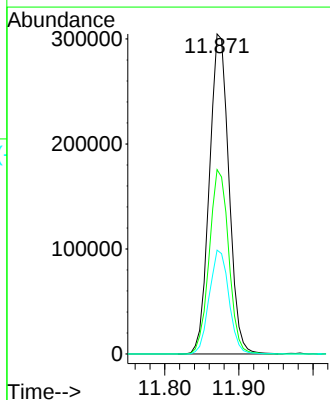
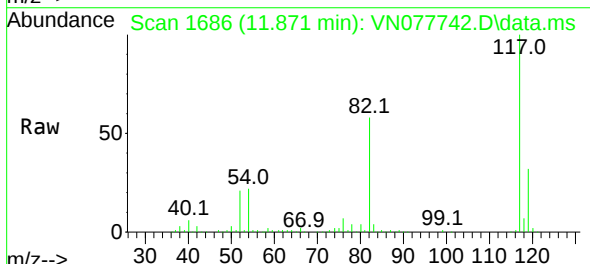
Manual Integrations
APPROVED

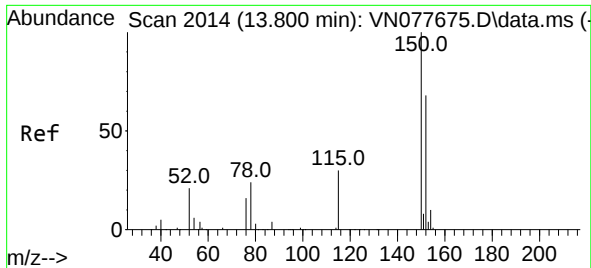
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077742.D
Acq: 18 May 2023 17:30

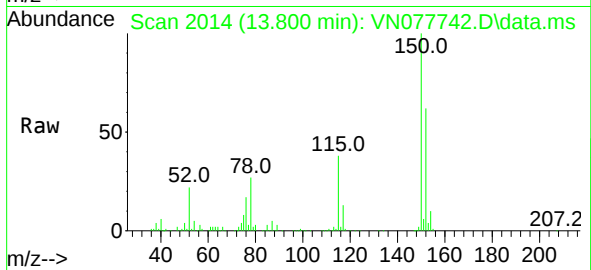
Tgt Ion:117 Resp: 556584
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20160
 Delta R.T. -0.000 min
 Lab File: VN077742.D
 Acq: 18 May 2023 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20230515



Tgt Ion:152 Resp: 20160
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 157.5 0.0 355.8

Manual Integrations
 APPROVED

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

