

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084138.D
 Acq On : 24 Sep 2024 16:43
 Operator : JC\MD
 Sample : P4116-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20240917

Quant Time: Sep 25 01:36:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116314	51.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.960%			
35) Dibromofluoromethane	8.171	113	85656	51.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	10.565	98	318034	55.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.540%			
62) 4-Bromofluorobenzene	12.847	95	105970	44.637	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.280%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	18781	10.943	ug/l	99
12) 1,1-Dichloroethene	4.347	96	5011m	3.092	ug/l	
27) cis-1,2-Dichloroethene	7.488	96	8131	3.943	ug/l	87
30) Chloroform	7.959	83	1461	0.402	ug/l	96
44) Trichloroethene	9.353	130	627061	359.098	ug/l	92
64) Tetrachloroethene	11.100	164	16122	10.921	ug/l	95

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

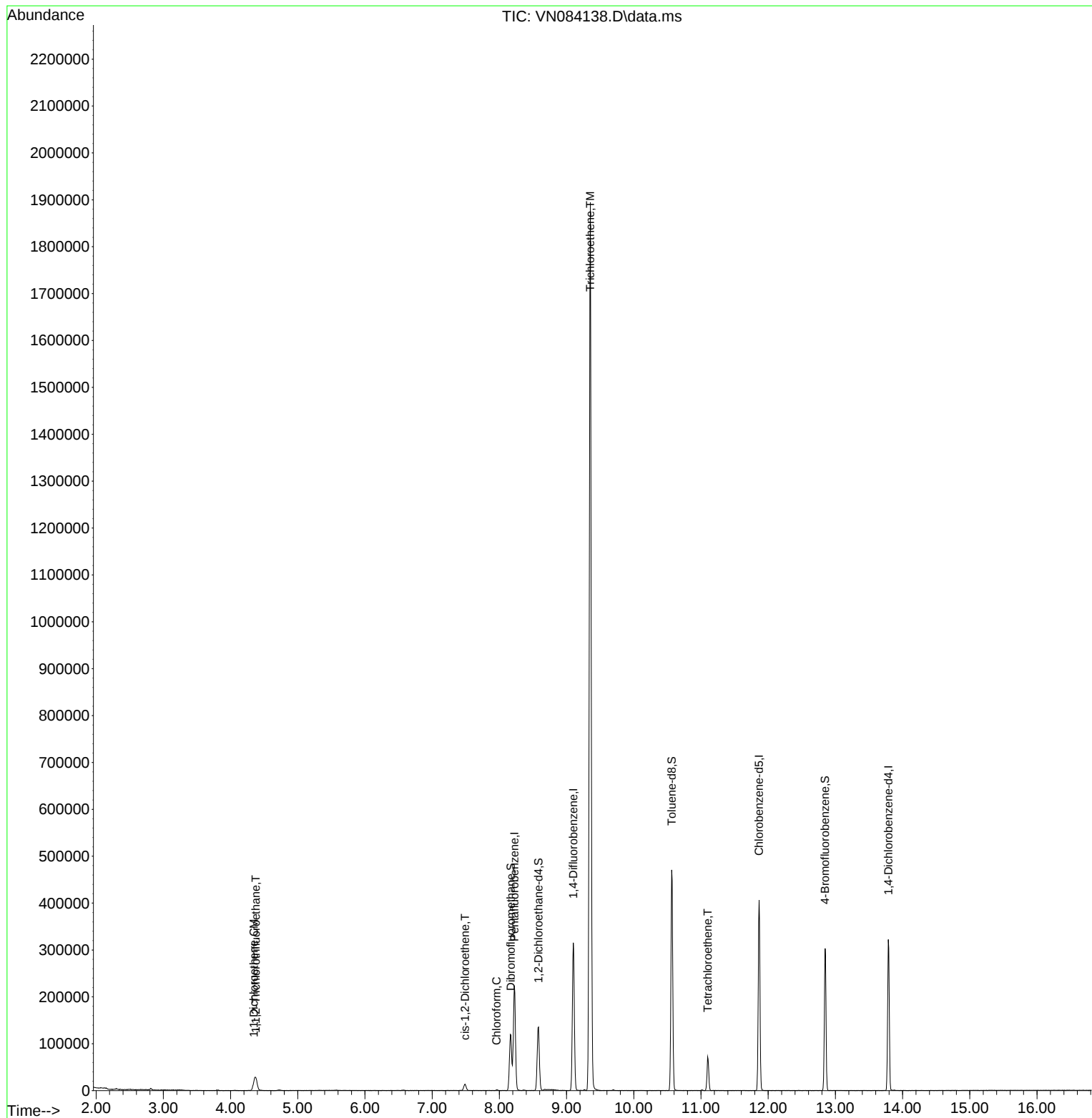
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
Data File : VN084138.D
Acq On : 24 Sep 2024 16:43
Operator : JC\MD
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RE125D2-20240917

Quant Time: Sep 25 01:36:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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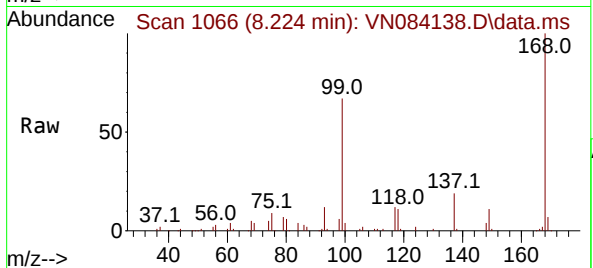
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43

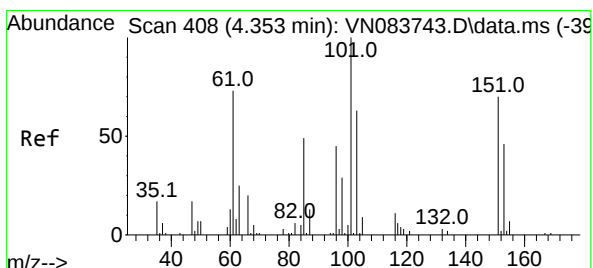
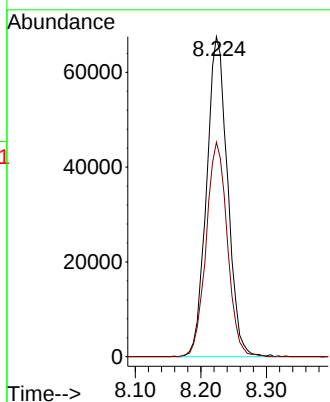
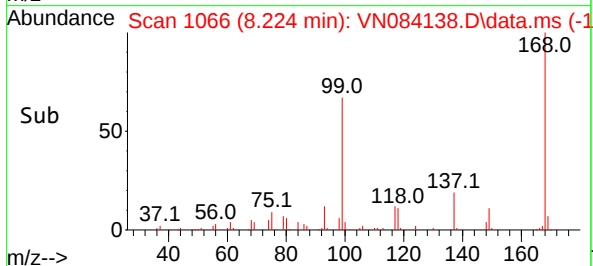
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917



Tgt Ion:168 Resp: 149848
Ion Ratio Lower Upper
168 100
99 67.0 54.2 81.2

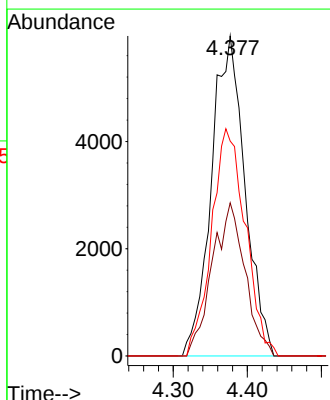
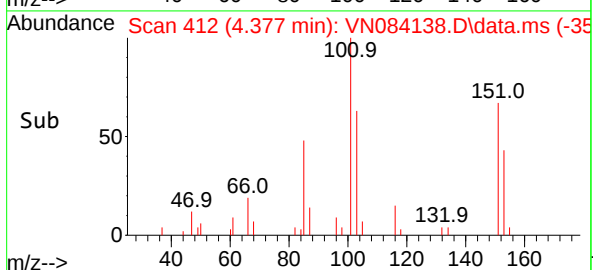
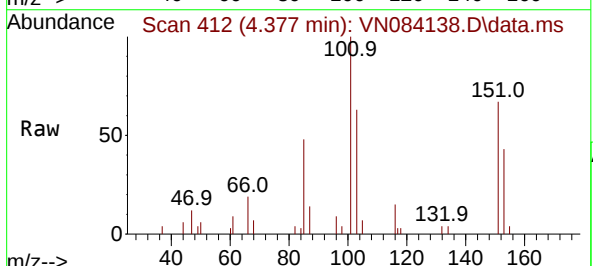
Manual Integrations
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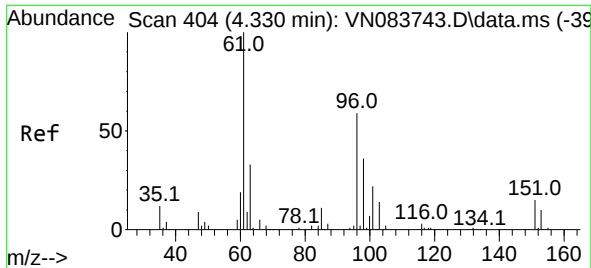
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.943 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43

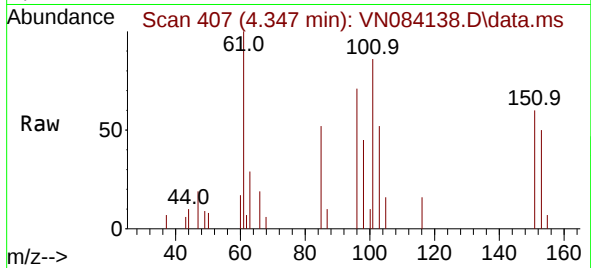
Tgt Ion:101 Resp: 18781
Ion Ratio Lower Upper
101 100
85 46.7 36.2 54.4
151 71.6 57.7 86.5





#12
1,1-Dichloroethene
Concen: 3.092 ug/l m
RT: 4.347 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43

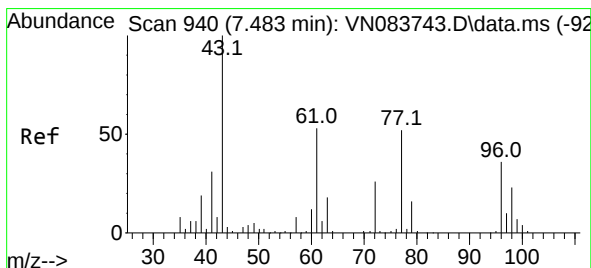
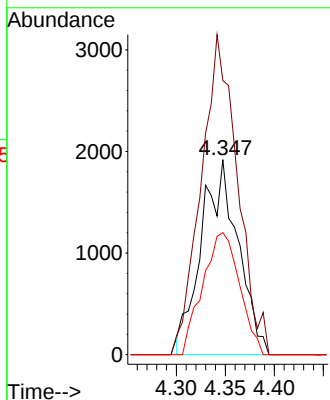
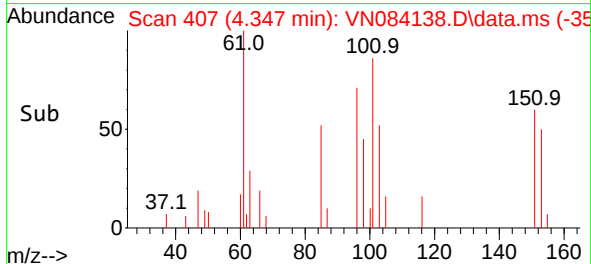
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917



Tgt Ion: 96 Resp: 501
Ion Ratio Lower Upper
96 100
61 140.5 143.4 215.0
98 62.6 52.7 79.1

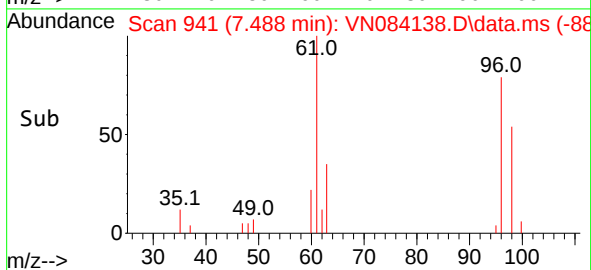
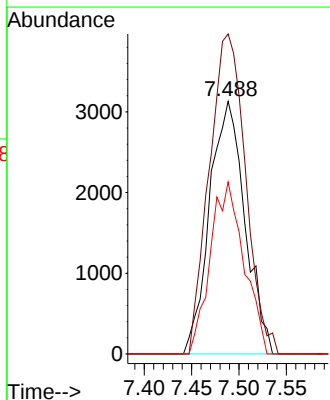
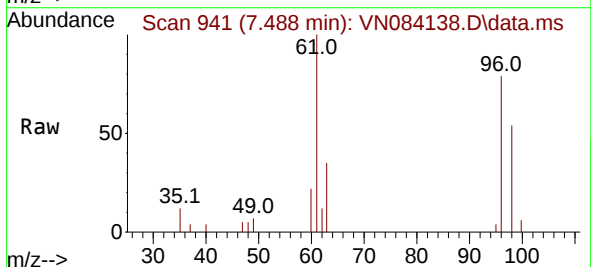
Manual Integrations
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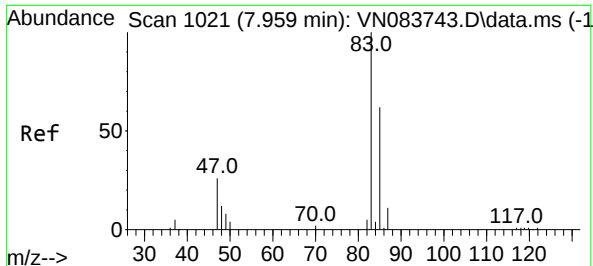
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#27
cis-1,2-Dichloroethene
Concen: 3.943 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43

Tgt Ion: 96 Resp: 8131
Ion Ratio Lower Upper
96 100
61 130.0 0.0 306.2
98 64.6 0.0 128.6





#30

Chloroform

Concen: 0.402 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN084138.D

Acq: 24 Sep 2024 16:43

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20240917

Tgt Ion: 83 Resp: 146

Ion Ratio Lower Upper

83 100

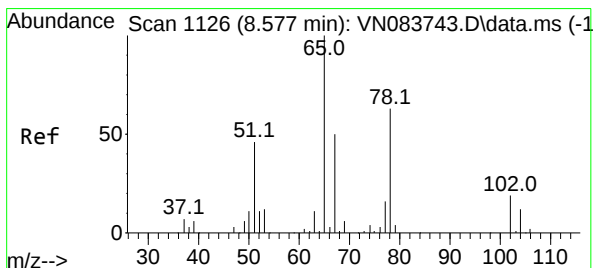
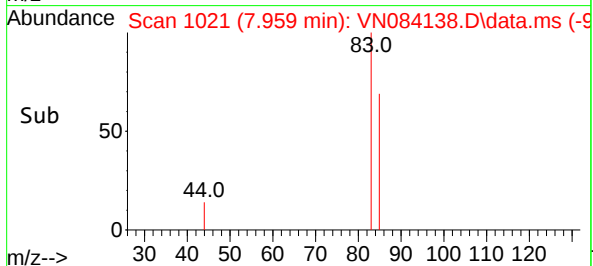
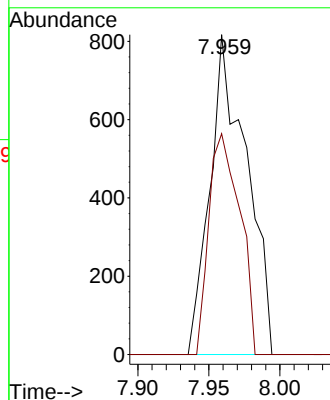
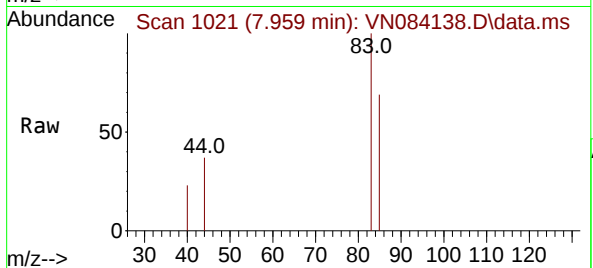
85 69.0 52.8 79.2

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#33

1,2-Dichloroethane-d4

Concen: 51.478 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084138.D

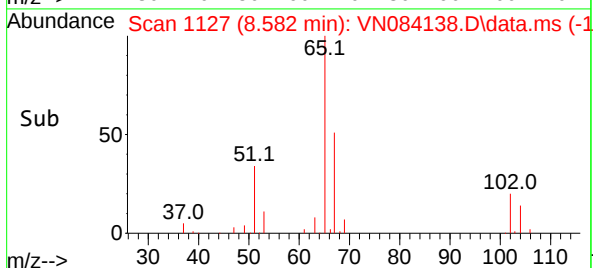
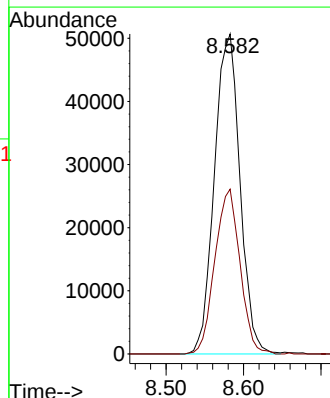
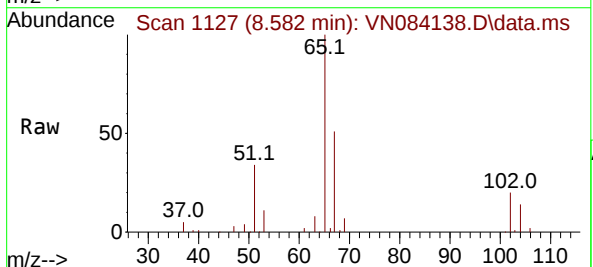
Acq: 24 Sep 2024 16:43

Tgt Ion: 65 Resp: 116314

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084138.D

Acq: 24 Sep 2024 16:43

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20240917

Tgt Ion:114 Resp: 26000

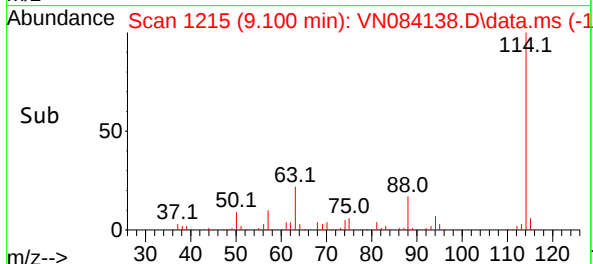
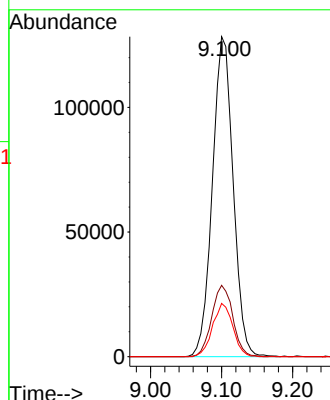
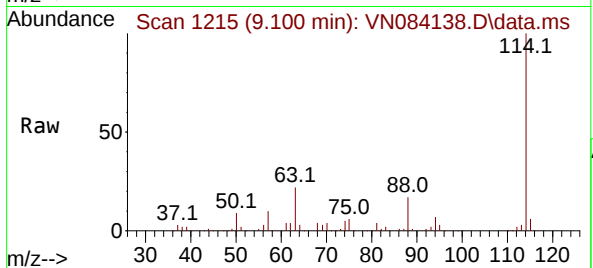
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	16.6	0.0	32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/25/2024



#35

Dibromofluoromethane

Concen: 51.461 ug/l

RT: 8.171 min Scan# 1057

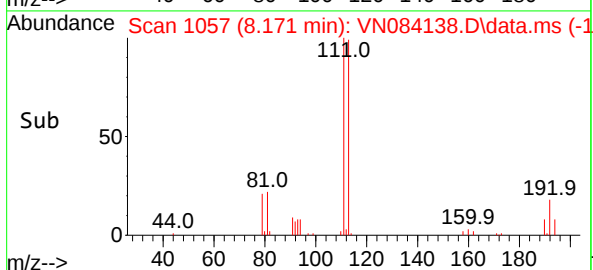
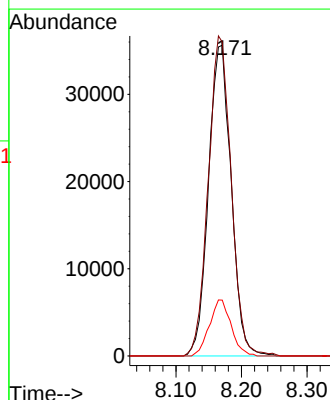
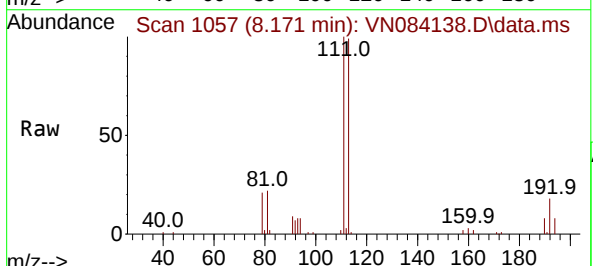
Delta R.T. 0.006 min

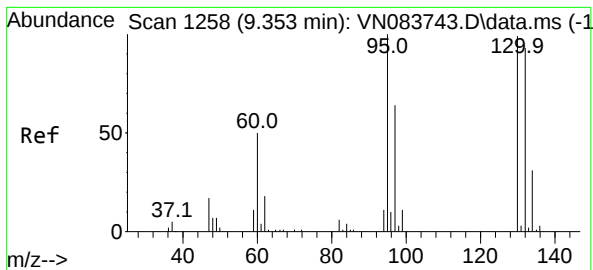
Lab File: VN084138.D

Acq: 24 Sep 2024 16:43

Tgt Ion:113 Resp: 85656

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	17.3	14.3	21.5





#44

Trichloroethene

Concen: 359.098 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084138.D

Acq: 24 Sep 2024 16:43

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20240917

Tgt Ion:130 Resp: 62706

Ion Ratio Lower Upper

130 100

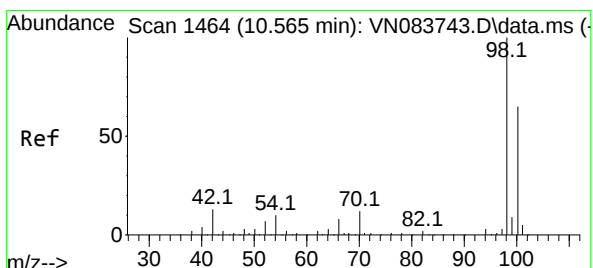
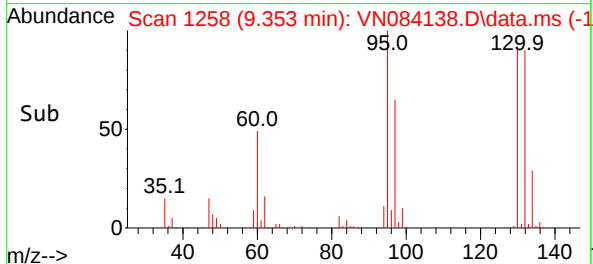
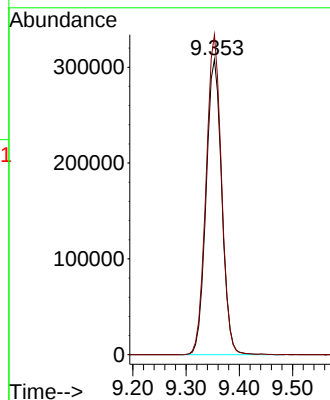
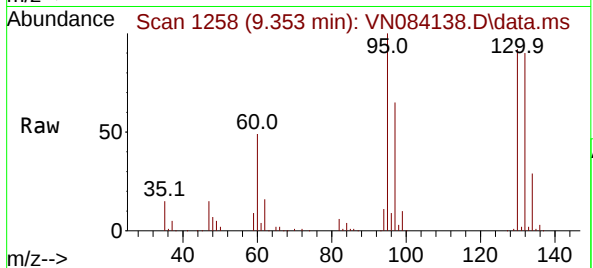
95 108.4 0.0 200.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#50

Toluene-d8

Concen: 55.269 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084138.D

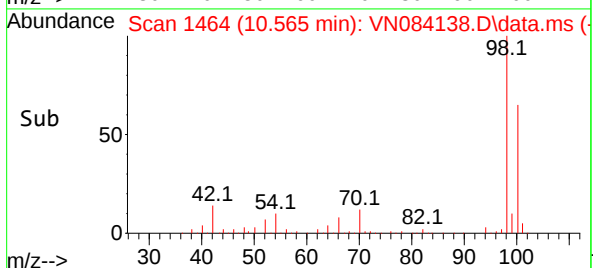
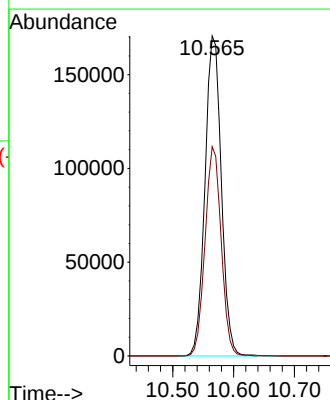
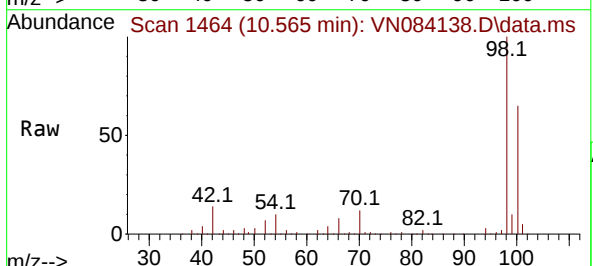
Acq: 24 Sep 2024 16:43

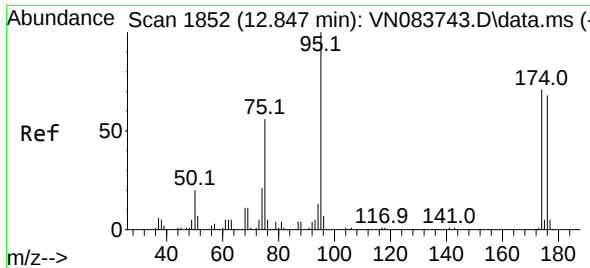
Tgt Ion: 98 Resp: 318034

Ion Ratio Lower Upper

98 100

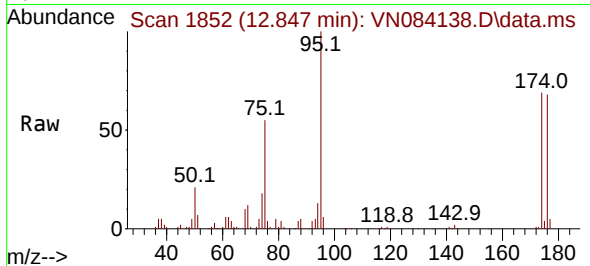
100 64.6 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 44.637 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43

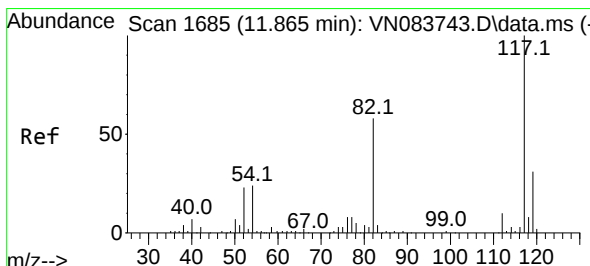
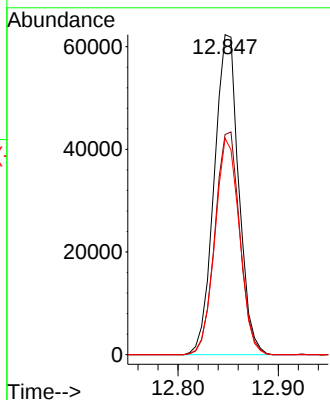
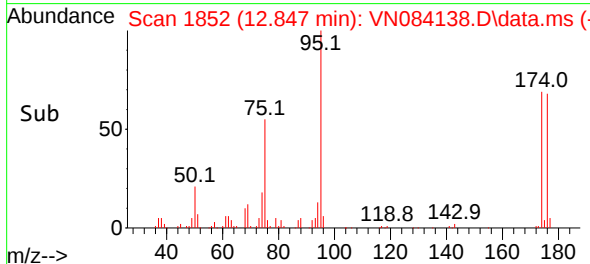
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917



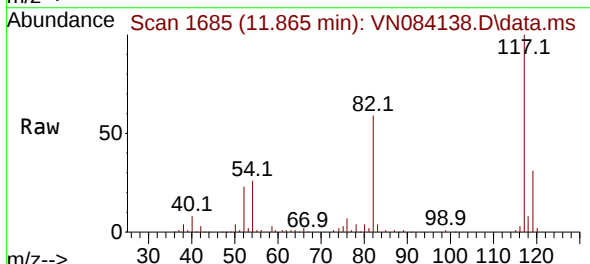
Tgt Ion: 95 Resp: 105970
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.7 0.0 131.4

Manual Integrations
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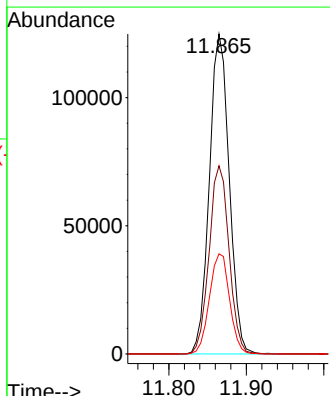
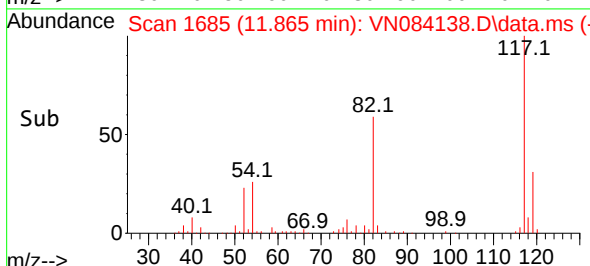
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

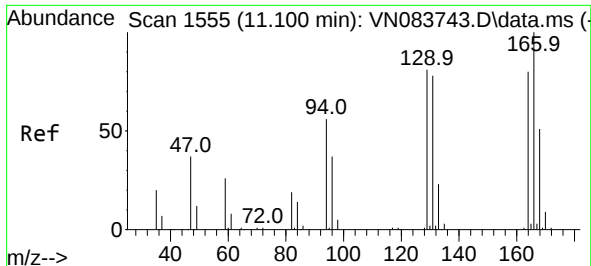


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43



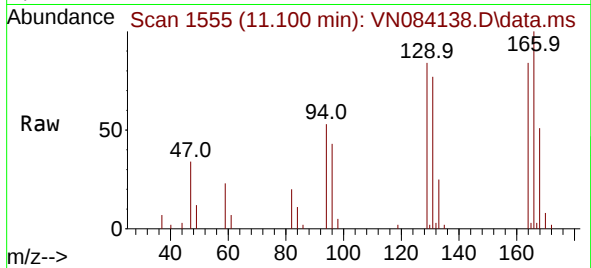
Tgt Ion:117 Resp: 221989
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 31.3 26.3 39.5





#64
Tetrachloroethene
Concen: 10.921 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43

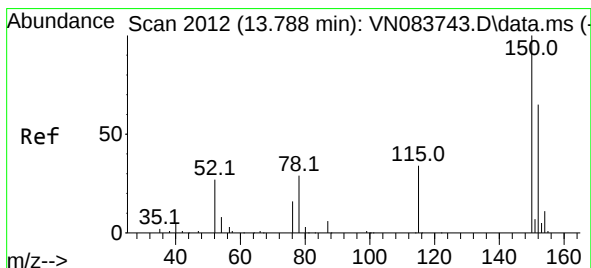
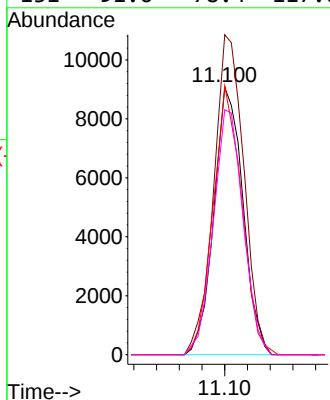
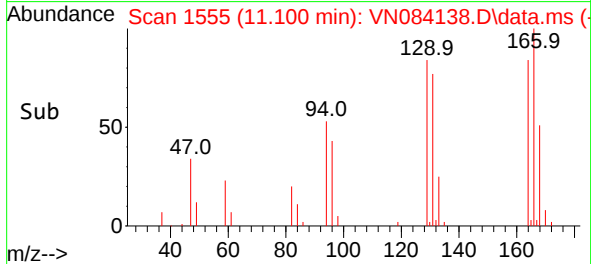
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20240917



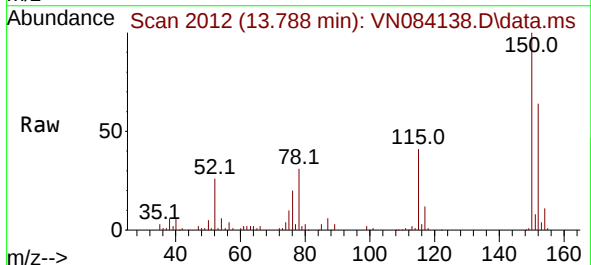
Tgt Ion:164 Resp: 1612
Ion Ratio Lower Upper
164 100
166 119.7 103.7 155.5
129 100.5 79.9 119.9
131 91.6 78.4 117.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084138.D
Acq: 24 Sep 2024 16:43



Tgt Ion:152 Resp: 83936
Ion Ratio Lower Upper
152 100
115 62.3 32.2 96.6
150 156.5 0.0 348.6

