

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084044.D
 Acq On : 19 Sep 2024 19:17
 Operator : JC\MD
 Sample : P4003-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20240912

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/20/2024
 Supervised By : Mahesh Dadoda 09/20/2024

Quant Time: Sep 20 01:36:09 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115782	51.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.171	113	82772	51.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	10.565	98	309570	55.181	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.360%			
62) 4-Bromofluorobenzene	12.847	95	108837	47.023	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.040%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	102957	60.457	ug/l	99
12) 1,1-Dichloroethene	4.336	96	1942m	1.207	ug/l	
27) cis-1,2-Dichloroethene	7.489	96	3971	1.941	ug/l	87
44) Trichloroethene	9.353	130	666147	391.286	ug/l	91
64) Tetrachloroethene	11.106	164	11127	7.670	ug/l	90

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

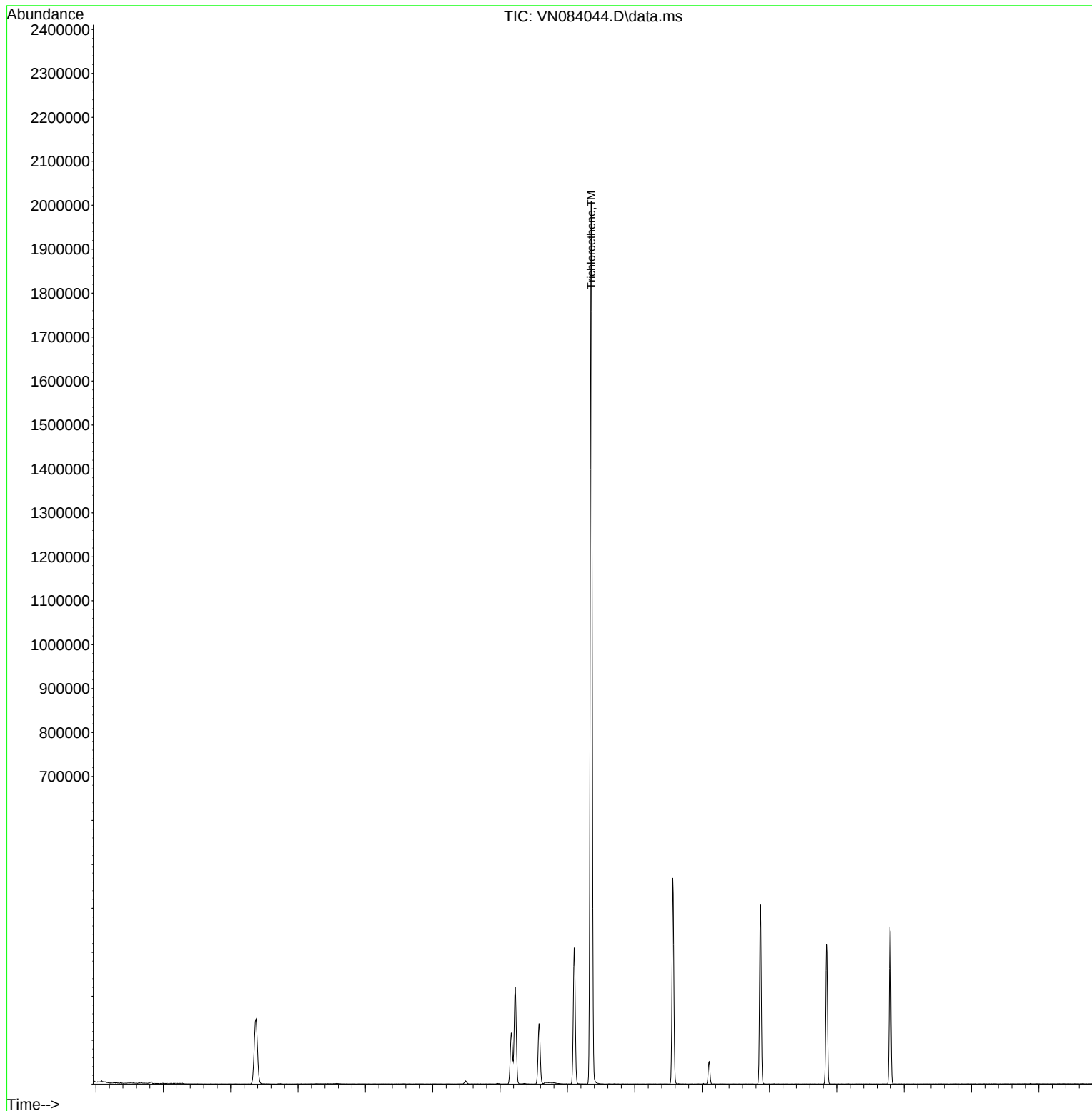
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
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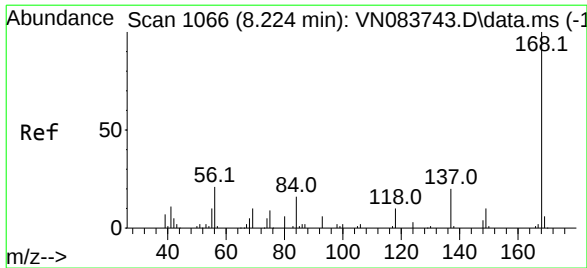
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20240912

Quant Time: Sep 20 01:36:09 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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APPROVED

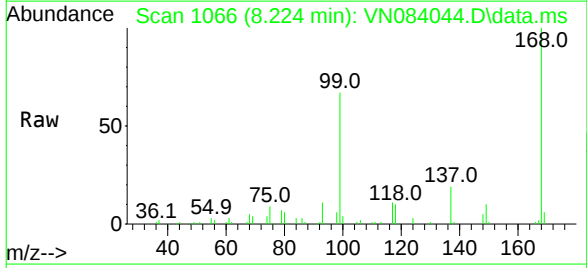
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084044.D
Acq: 19 Sep 2024 19:17

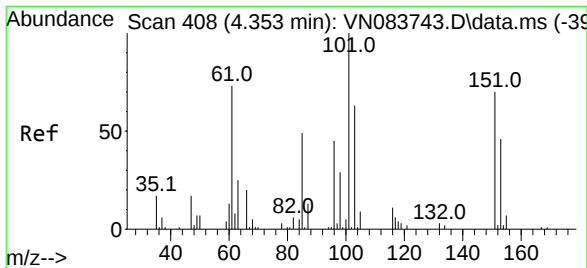
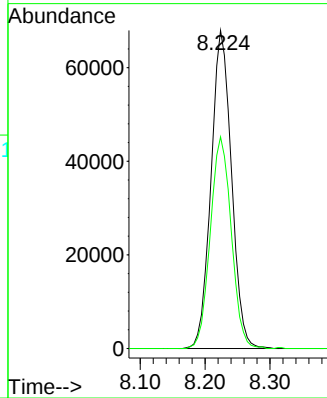
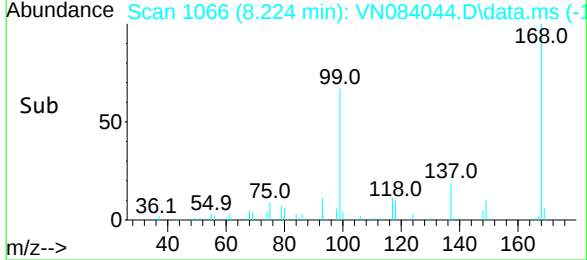
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20240912



Tgt Ion:168 Resp: 148695
Ion Ratio Lower Upper
168 100
99 66.5 54.2 81.2

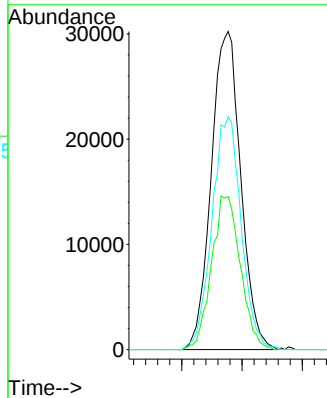
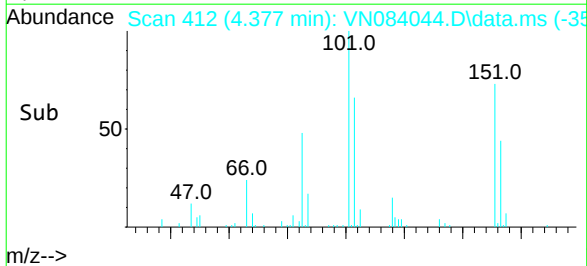
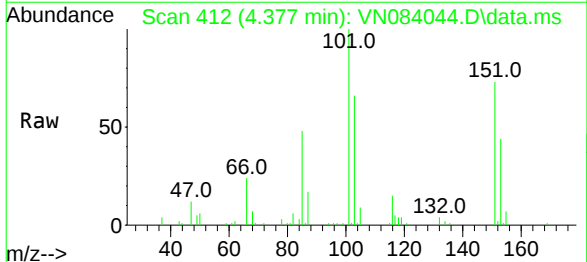
Manual Integrations
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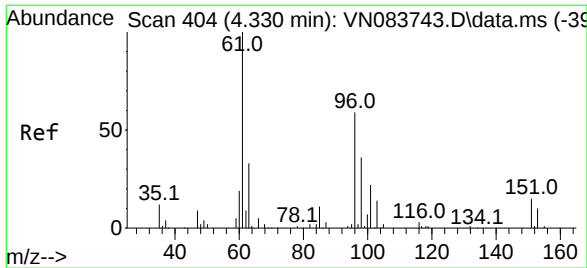
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.457 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.024 min
Lab File: VN084044.D
Acq: 19 Sep 2024 19:17

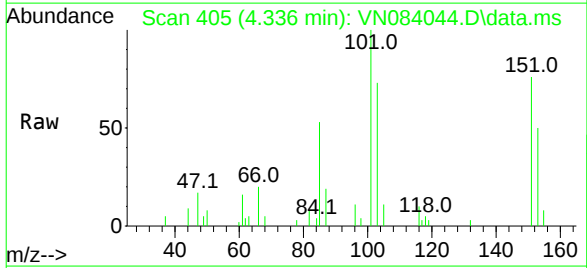
Tgt Ion:101 Resp: 102957
Ion Ratio Lower Upper
101 100
85 47.2 36.2 54.4
151 72.6 57.7 86.5





#12
1,1-Dichloroethene
Concen: 1.207 ug/l m
RT: 4.336 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN084044.D
Acq: 19 Sep 2024 19:17

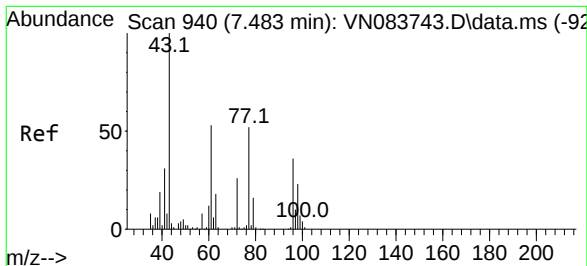
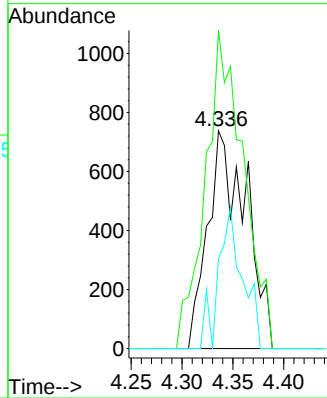
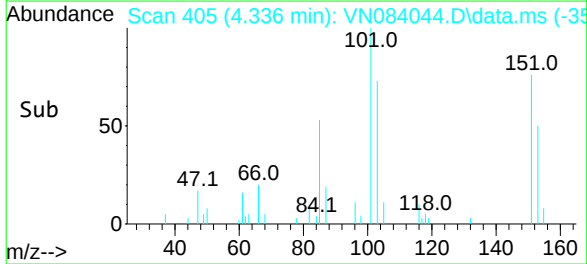
Instrument :
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RE120D2-20240912



Tgt Ion: 96 Resp: 1942
Ion Ratio Lower Upper
96 100
61 146.1 143.4 215.0
98 41.2 52.7 79.1#

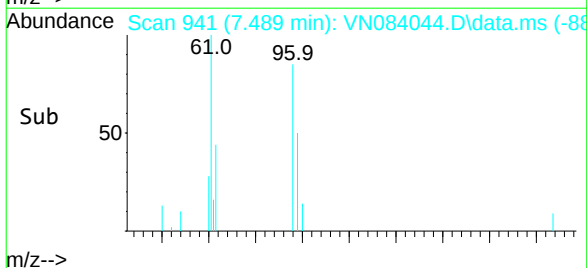
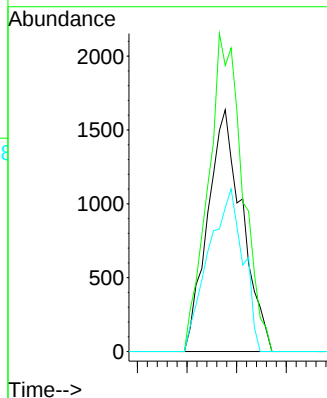
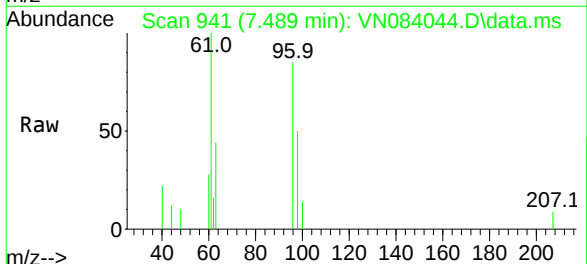
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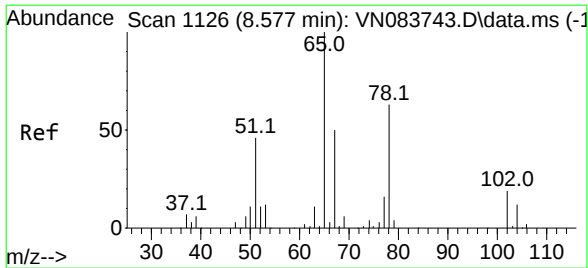
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#27
cis-1,2-Dichloroethene
Concen: 1.941 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084044.D
Acq: 19 Sep 2024 19:17

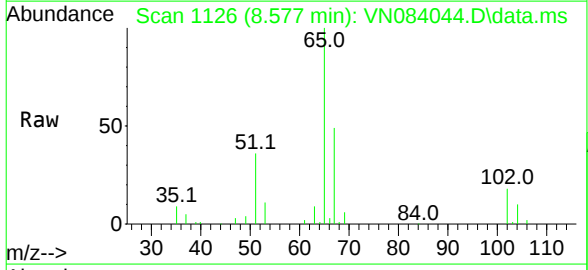
Tgt Ion: 96 Resp: 3971
Ion Ratio Lower Upper
96 100
61 131.1 0.0 306.2
98 67.6 0.0 128.6





#33
 1,2-Dichloroethane-d4
 Concen: 51.640 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084044.D
 Acq: 19 Sep 2024 19:17

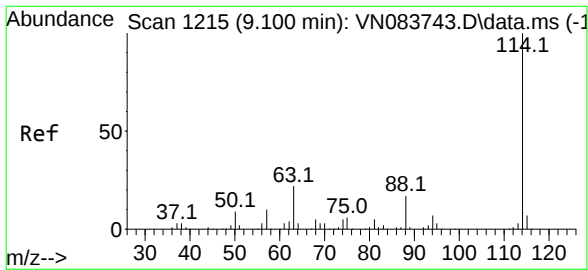
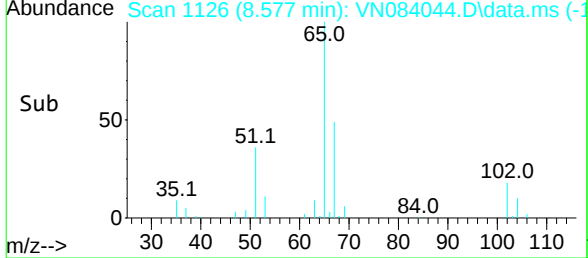
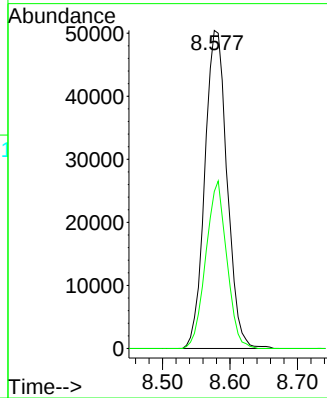
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20240912



Tgt Ion: 65 Resp: 115782
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.8

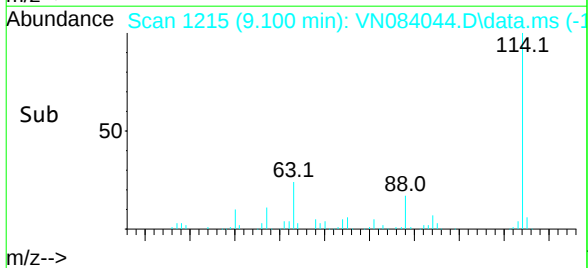
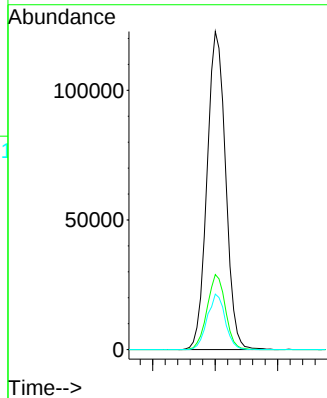
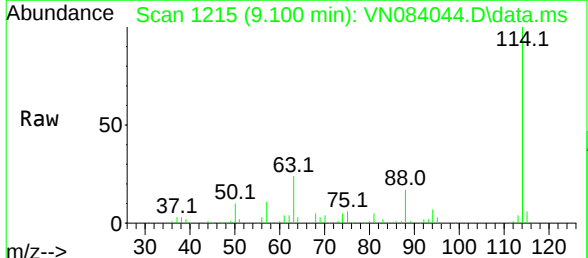
Manual Integrations
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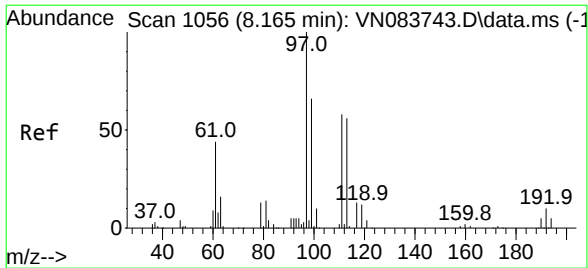
Reviewed By :John Carlone 09/20/2024
 Supervised By :Mahesh Dadoda 09/20/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084044.D
 Acq: 19 Sep 2024 19:17

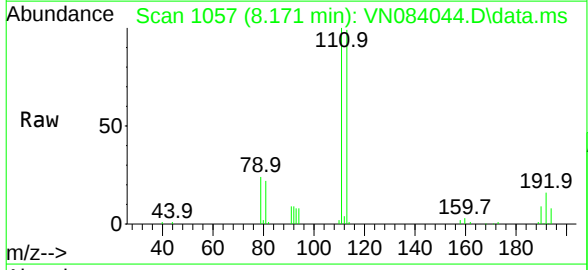
Tgt Ion:114 Resp: 253486
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 43.4
 88 17.4 0.0 32.6





#35
 Dibromofluoromethane
 Concen: 51.006 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN084044.D
 Acq: 19 Sep 2024 19:17

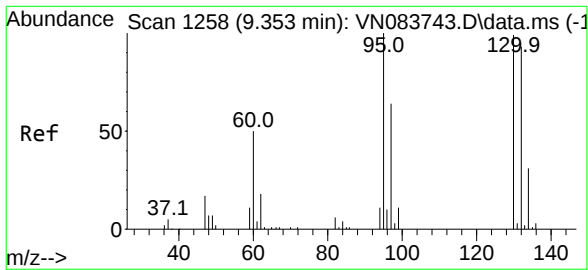
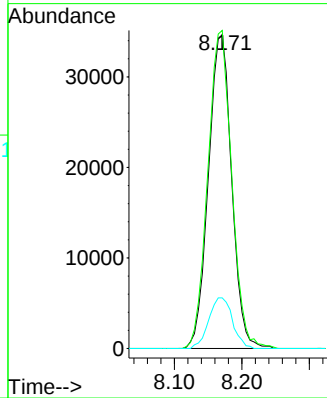
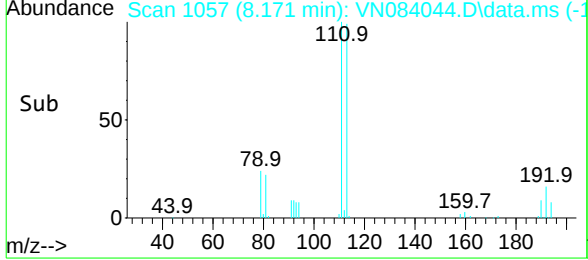
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20240912



Tgt Ion:	113	Resp:	82772
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	16.5	14.3	21.5

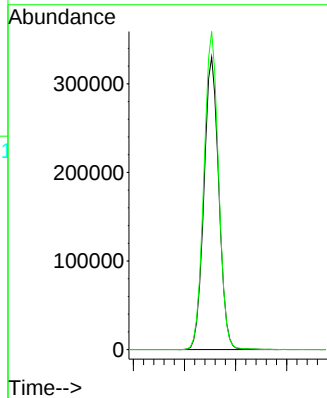
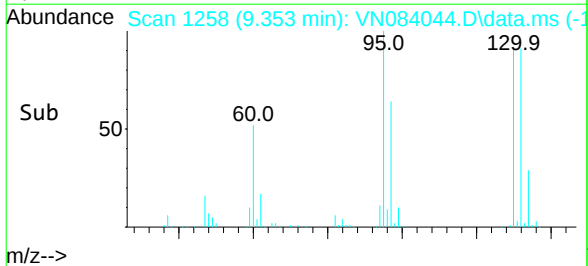
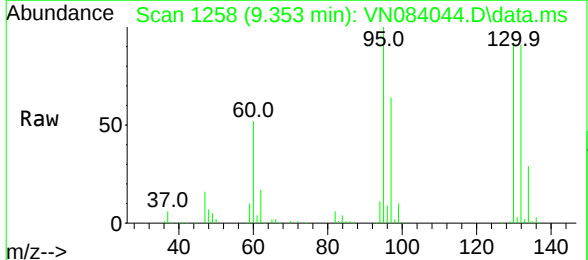
Manual Integrations
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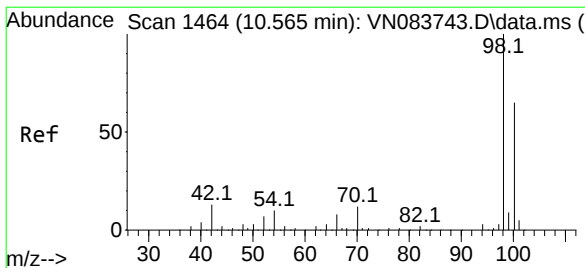
Reviewed By :John Carlone 09/20/2024
 Supervised By :Mahesh Dadoda 09/20/2024



#44
 Trichloroethene
 Concen: 391.286 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.000 min
 Lab File: VN084044.D
 Acq: 19 Sep 2024 19:17

Tgt Ion:	130	Resp:	666147
Ion	Ratio	Lower	Upper
130	100		
95	108.8	0.0	200.4





#50

Toluene-d8

Concen: 55.181 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084044.D

Acq: 19 Sep 2024 19:17

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20240912

Tgt Ion: 98 Resp: 309570

Ion Ratio Lower Upper

98 100

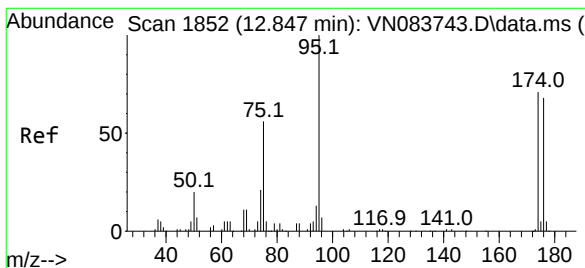
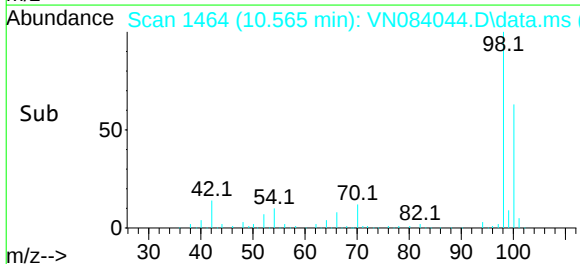
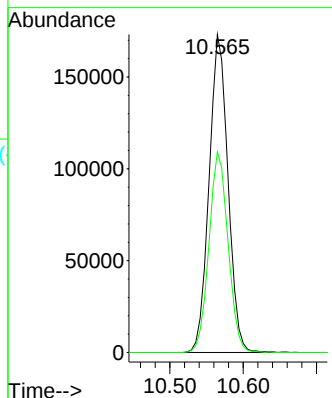
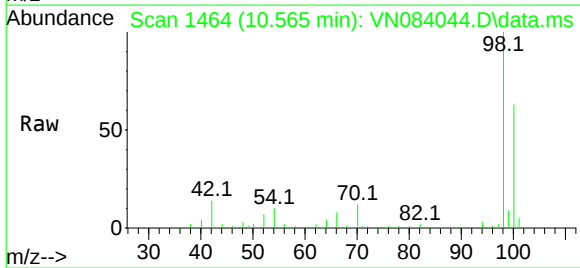
100 63.8 52.0 78.0

Manual Integrations

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Reviewed By :John Carlone 09/20/2024

Supervised By :Mahesh Dadoda 09/20/2024



#62

4-Bromofluorobenzene

Concen: 47.023 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084044.D

Acq: 19 Sep 2024 19:17

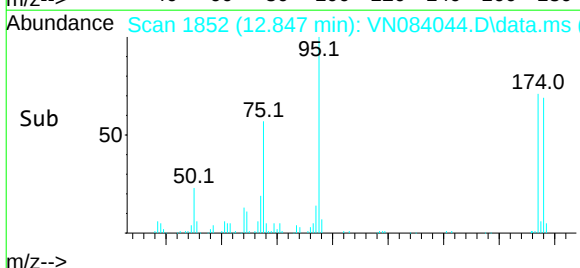
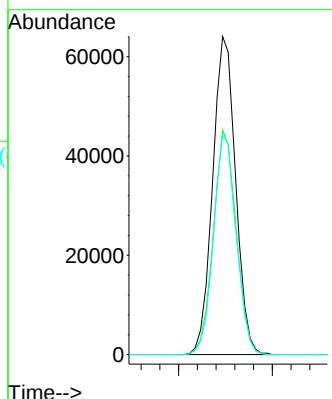
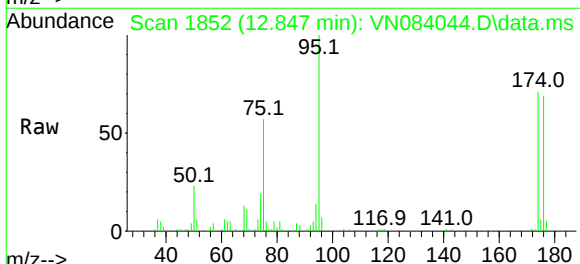
Tgt Ion: 95 Resp: 108837

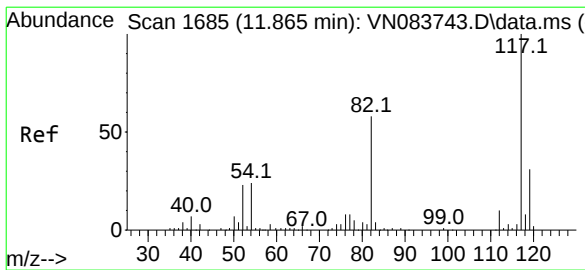
Ion Ratio Lower Upper

95 100

174 70.2 0.0 139.8

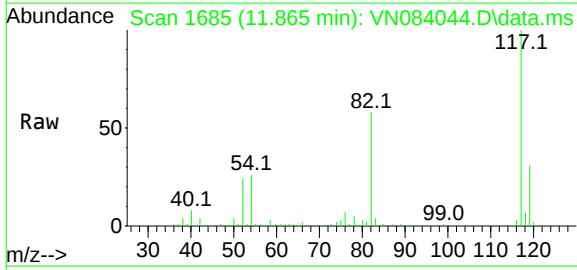
176 68.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084044.D
Acq: 19 Sep 2024 19:17

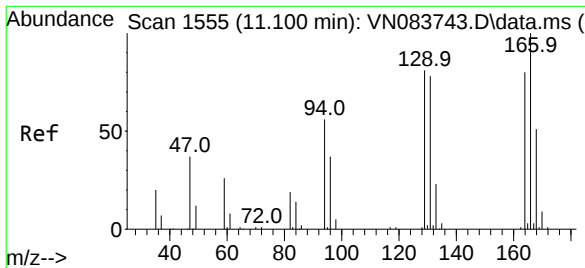
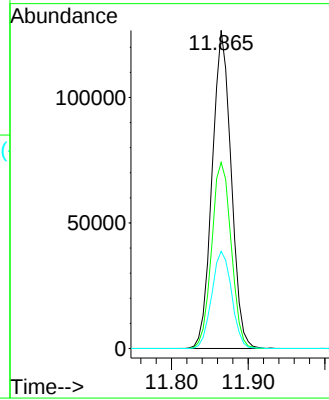
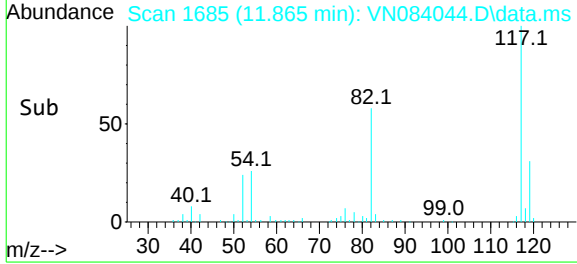
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20240912



Tgt Ion:117 Resp: 218147
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 30.6 26.3 39.5

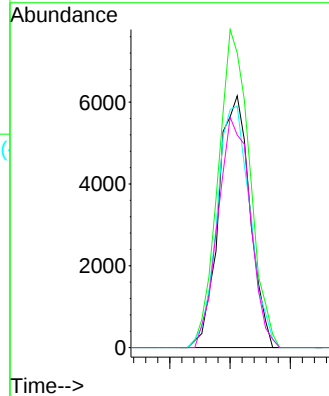
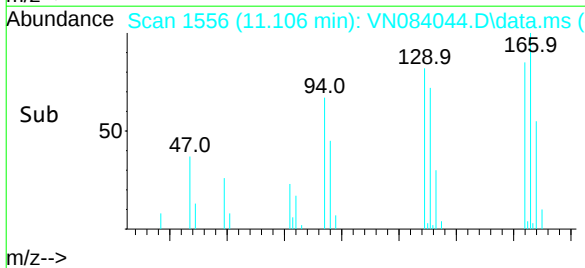
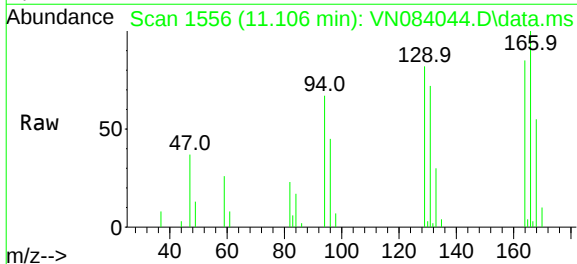
Manual Integrations
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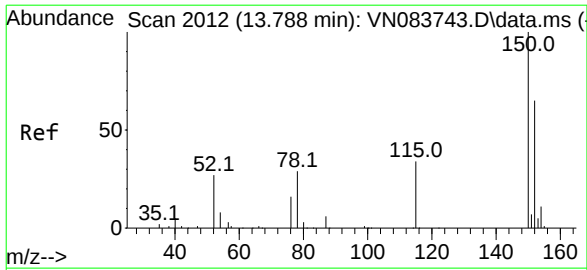
Reviewed By :John Carlone 09/20/2024
Supervised By :Mahesh Dadoda 09/20/2024



#64
Tetrachloroethene
Concen: 7.670 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084044.D
Acq: 19 Sep 2024 19:17

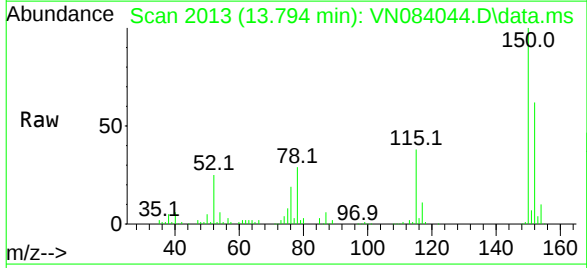
Tgt Ion:164 Resp: 11127
Ion Ratio Lower Upper
164 100
166 117.0 103.7 155.5
129 95.9 79.9 119.9
131 84.4 78.4 117.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084044.D
Acq: 19 Sep 2024 19:17

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20240912



Tgt Ion:152 Resp: 88945
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 158.0 0.0 348.6

Manual Integrations
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