

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081888.D
 Acq On : 26 Apr 2024 19:18
 Operator : JC\MD
 Sample : P2276-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-02B-32-042524

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 26 23:05:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	240749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174124	42.854	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.700%		
35) Dibromofluoromethane	8.165	113	131463	49.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.840%		
50) Toluene-d8	10.565	98	546341	52.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.580%		
62) 4-Bromofluorobenzene	12.847	95	189766	45.949	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	91.900%		
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	45703	15.945	ug/l	95
12) 1,1-Dichloroethene	4.342	96	3911	1.341	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	2286m	0.719	ug/l	
24) 1,1-Dichloroethane	6.577	63	44561	7.173	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	414361	111.534	ug/l	99
40) Benzene	8.612	78	11045	0.850	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	3131	0.649	ug/l	86
44) Trichloroethene	9.353	130	177387	59.222	ug/l	96

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

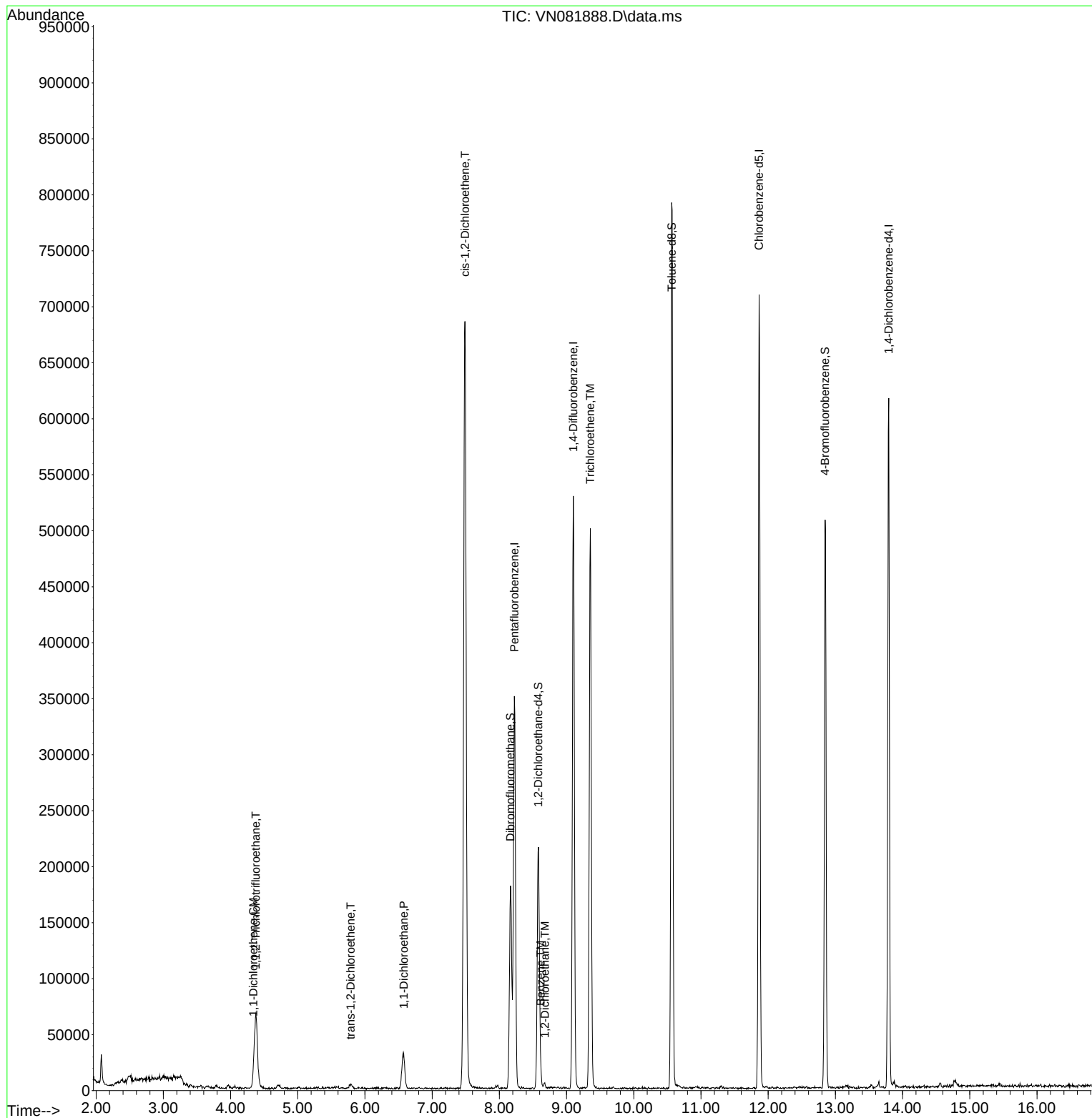
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081888.D
Acq On : 26 Apr 2024 19:18
Operator : JC\MD
Sample : P2276-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

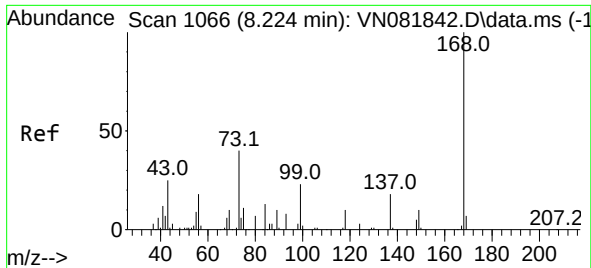
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-32-042524

Quant Time: Apr 26 23:05:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

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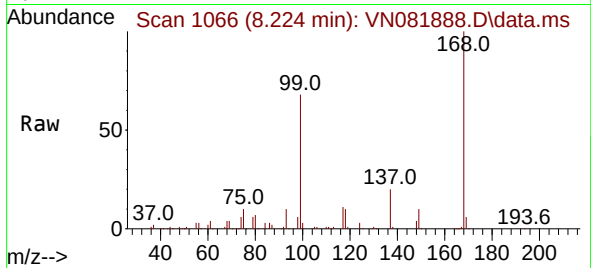
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

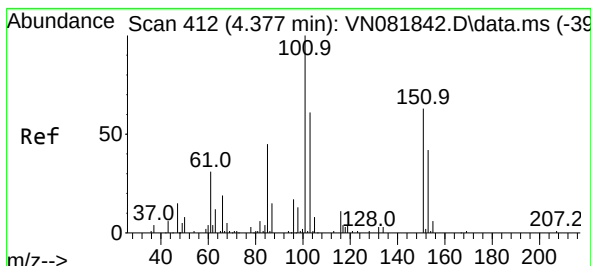
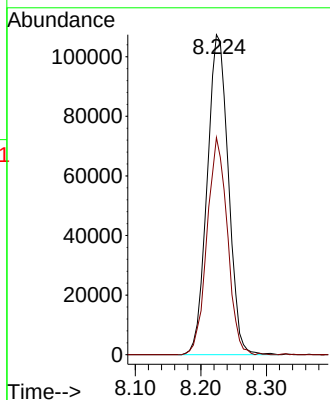
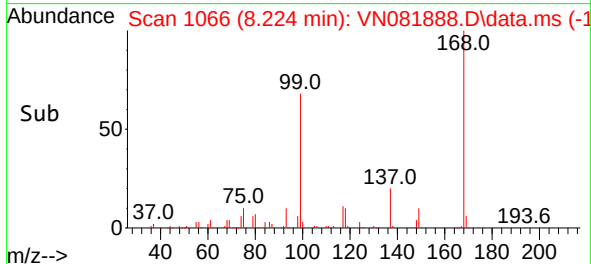
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-32-042524



Tgt Ion:168 Resp: 240749
Ion Ratio Lower Upper
168 100
99 67.9 48.2 72.4

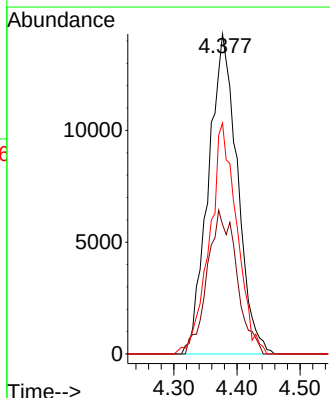
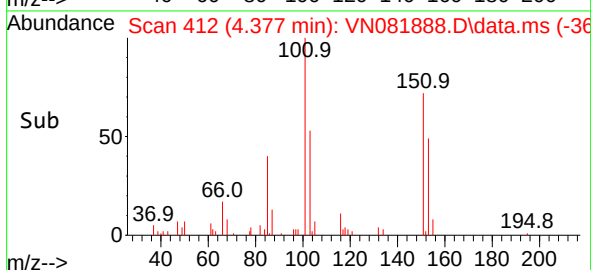
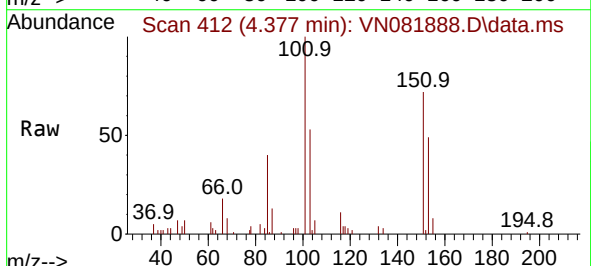
Manual Integrations
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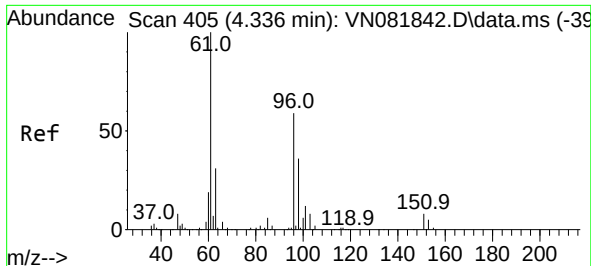
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.945 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

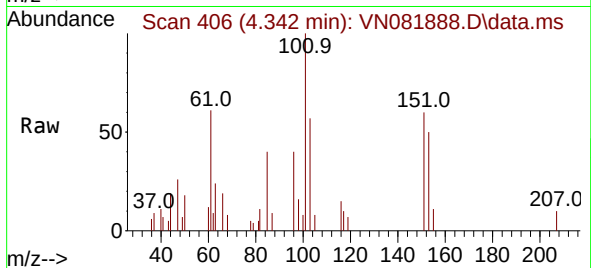
Tgt Ion:101 Resp: 45703
Ion Ratio Lower Upper
101 100
85 45.6 37.3 55.9
151 67.8 59.2 88.8





#12
1,1-Dichloroethene
Concen: 1.341 ug/l
RT: 4.342 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

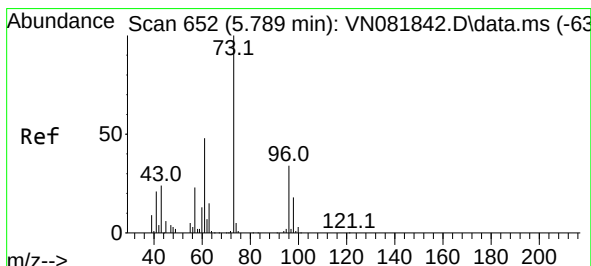
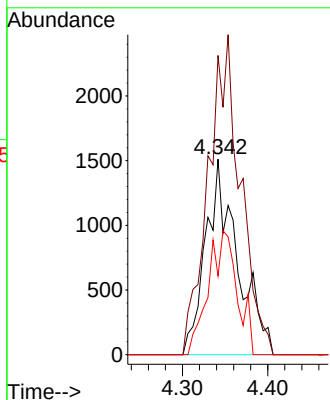
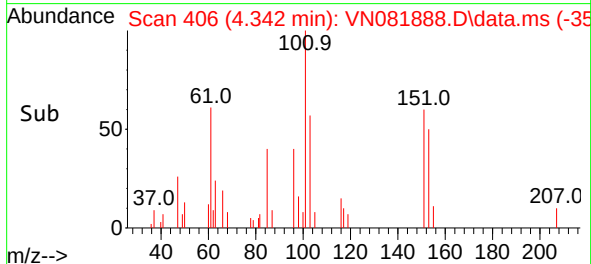
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-32-042524



Tgt Ion: 96 Resp: 391
Ion Ratio Lower Upper
96 100
61 153.0 119.7 179.5
98 40.3 49.6 74.4

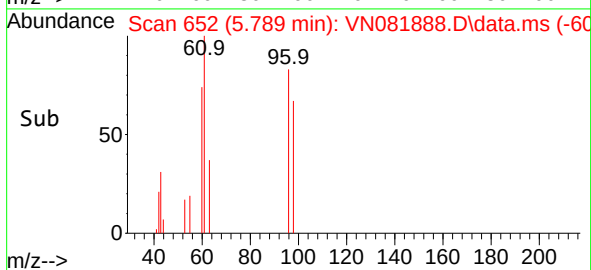
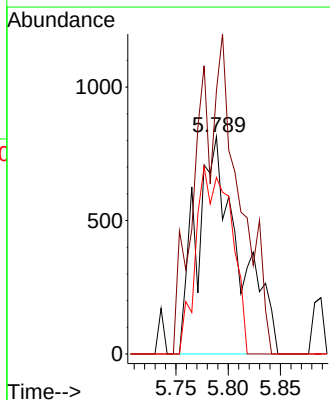
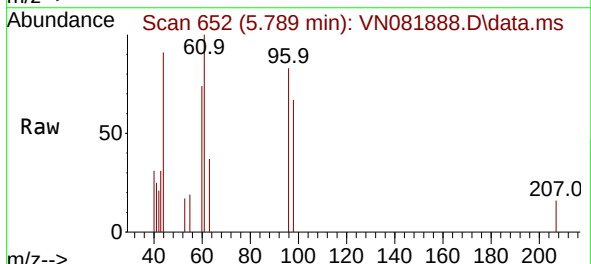
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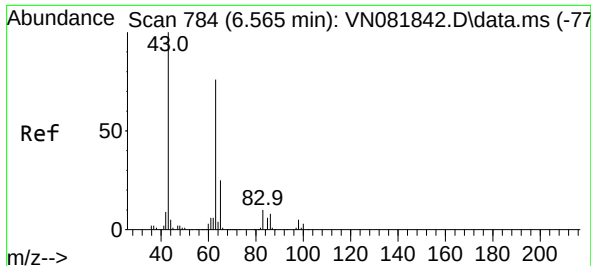
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#21
trans-1,2-Dichloroethene
Concen: 0.719 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

Tgt Ion: 96 Resp: 2286
Ion Ratio Lower Upper
96 100
61 121.0 96.5 144.7
98 81.1 51.3 76.9





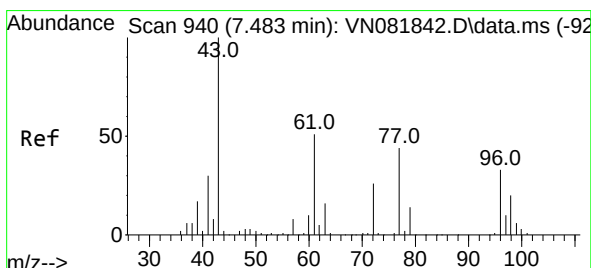
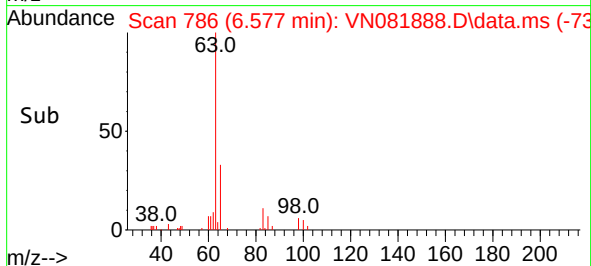
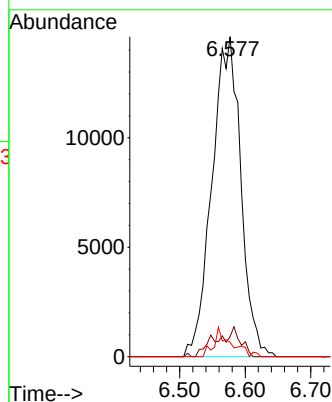
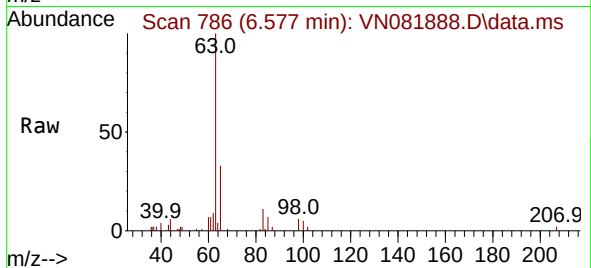
#24
1,1-Dichloroethane
Concen: 7.173 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.012 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-32-042524

Tgt Ion: 63 Resp: 4456
Ion Ratio Lower Upper
63 100
98 6.3 3.6 10.9
100 4.5 2.6 7.8

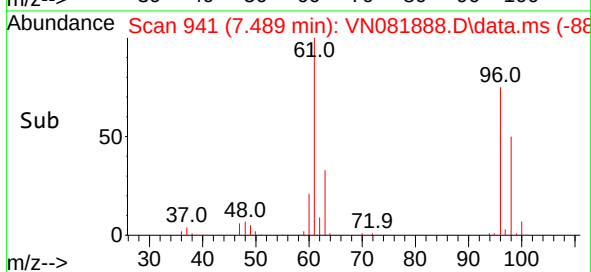
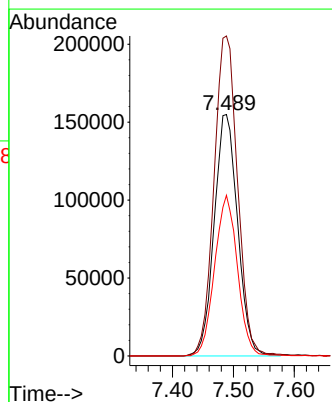
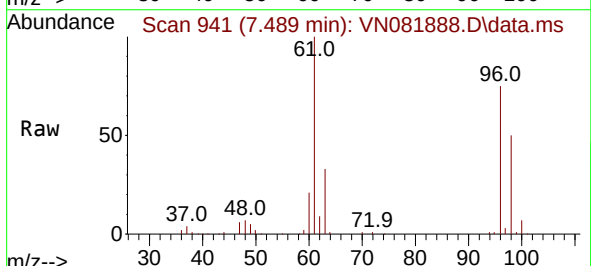
Manual Integrations
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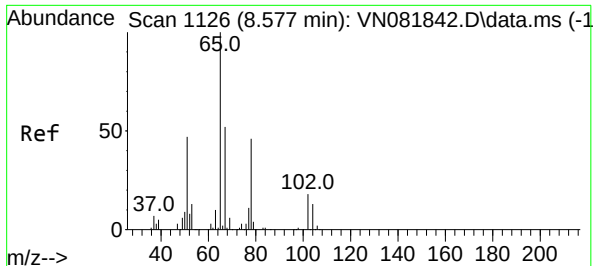
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#27
cis-1,2-Dichloroethene
Concen: 111.534 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

Tgt Ion: 96 Resp: 414361
Ion Ratio Lower Upper
96 100
61 133.3 0.0 268.0
98 64.9 0.0 126.8





#33

1,2-Dichloroethane-d4

Concen: 42.854 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081888.D

Acq: 26 Apr 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

RMW-02B-32-042524

Tgt Ion: 65 Resp: 174124

Ion Ratio Lower Upper

65 100

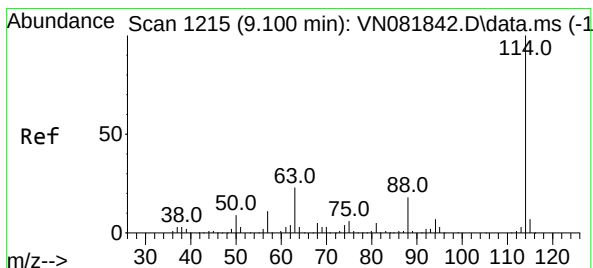
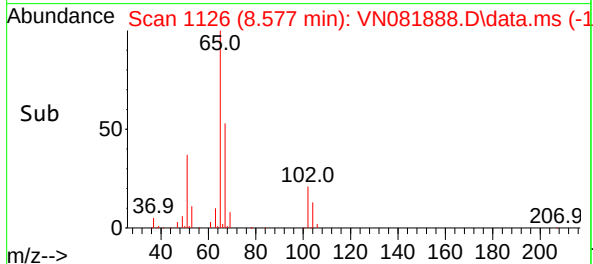
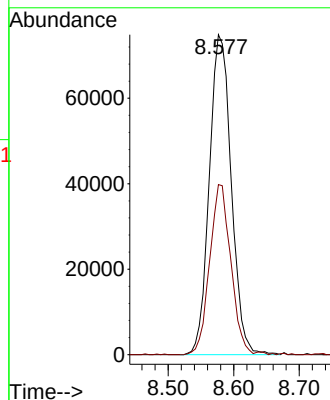
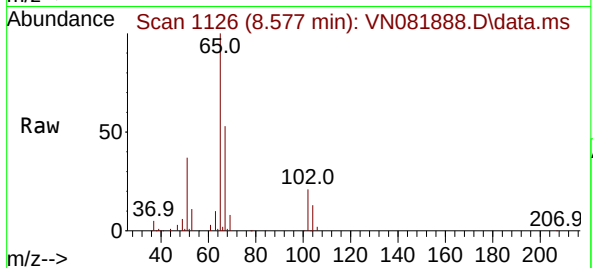
67 51.5 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081888.D

Acq: 26 Apr 2024 19:18

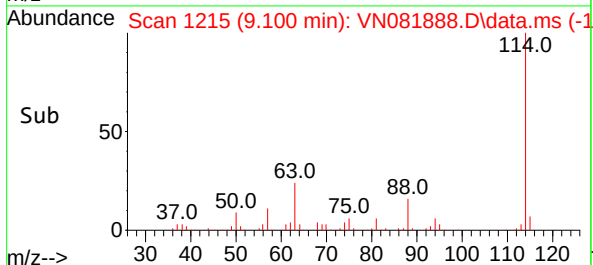
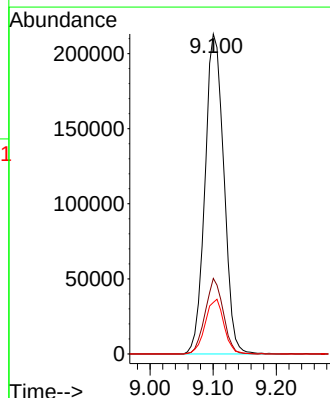
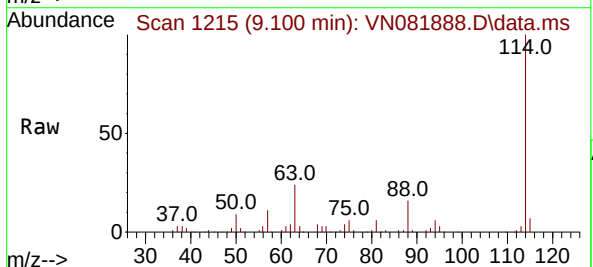
Tgt Ion:114 Resp: 441818

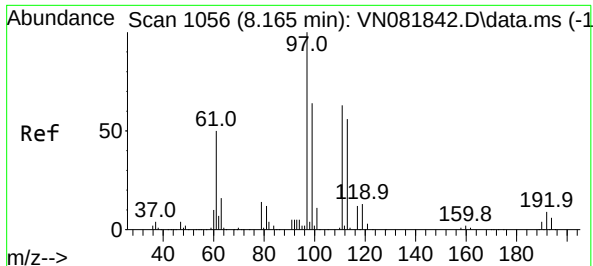
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

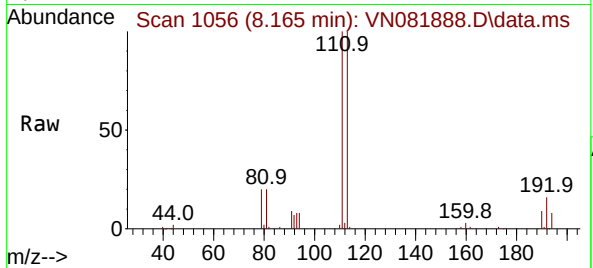
88 16.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 49.420 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

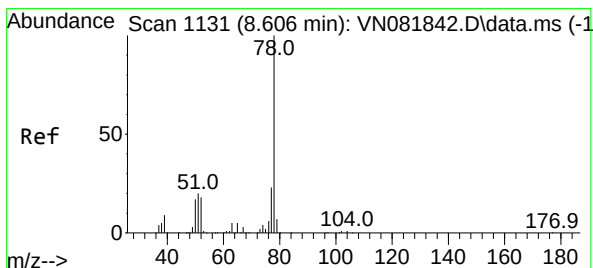
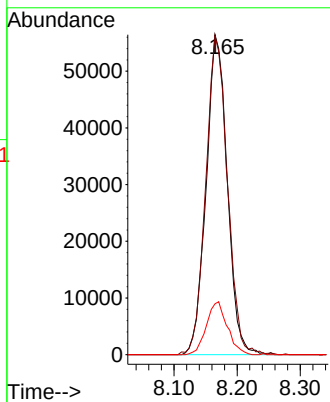
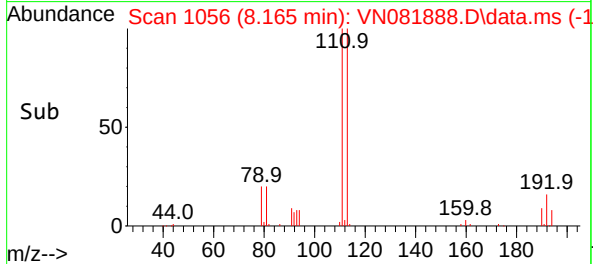
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-32-042524



Tgt Ion: 113 Resp: 13146
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 16.4 14.0 21.0

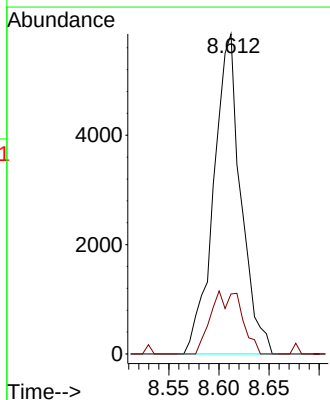
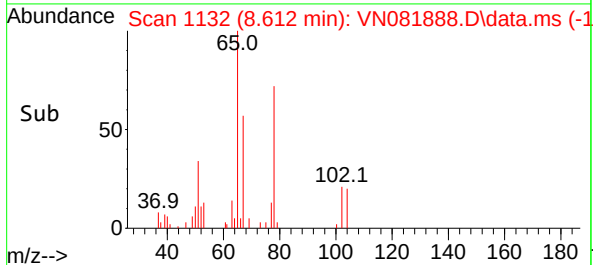
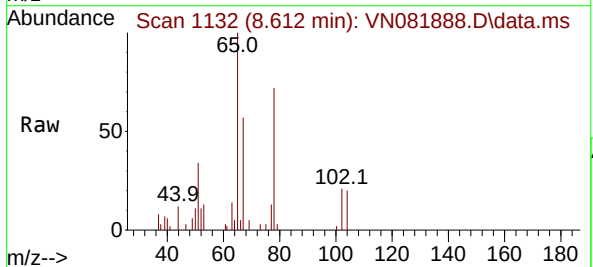
Manual Integrations
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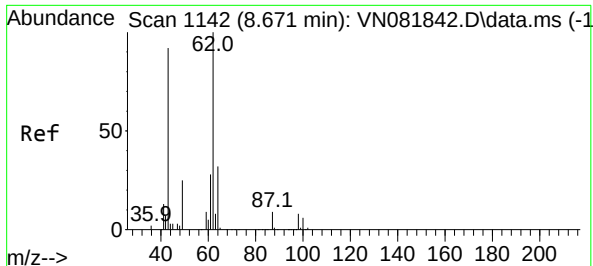
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#40
Benzene
Concen: 0.850 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

Tgt Ion: 78 Resp: 11045
Ion Ratio Lower Upper
78 100
77 18.7 20.0 30.0#





#42

1,2-Dichloroethane

Concen: 0.649 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN081888.D

Acq: 26 Apr 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

RMW-02B-32-042524

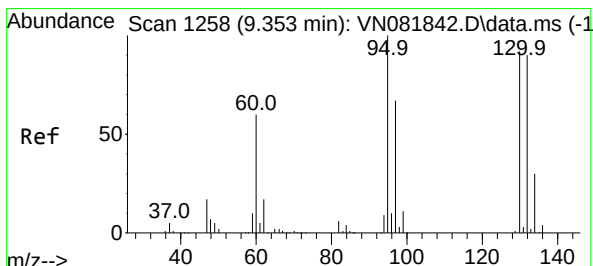
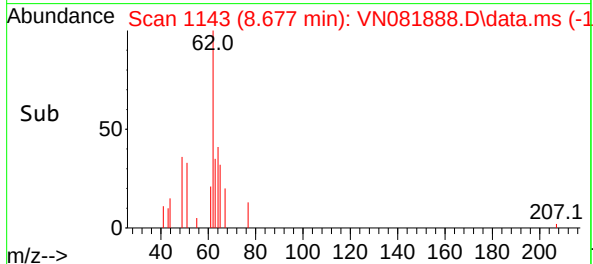
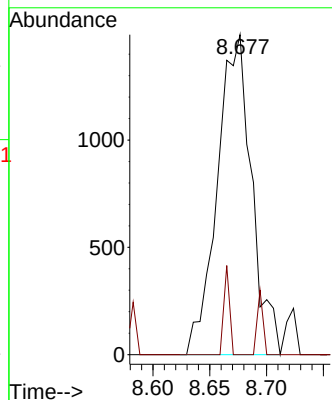
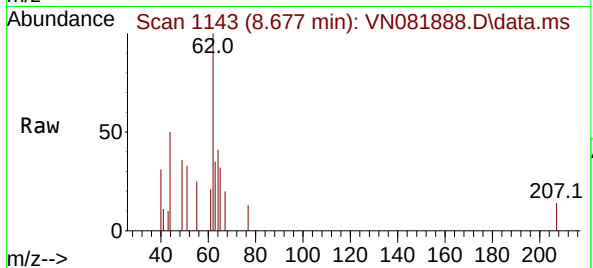
Tgt Ion: 62 Resp: 313
 Ion Ratio Lower Upper
 62 100
 98 4.7 0.0 19.6

Manual Integrations

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Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#44

Trichloroethene

Concen: 59.222 ug/l

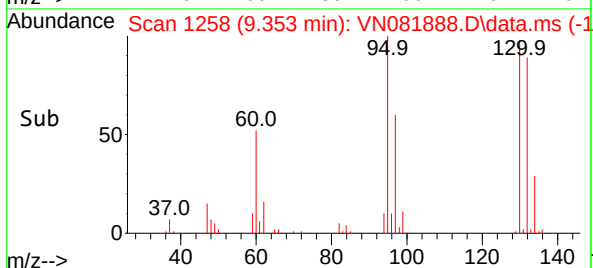
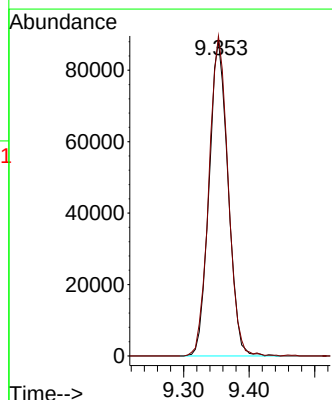
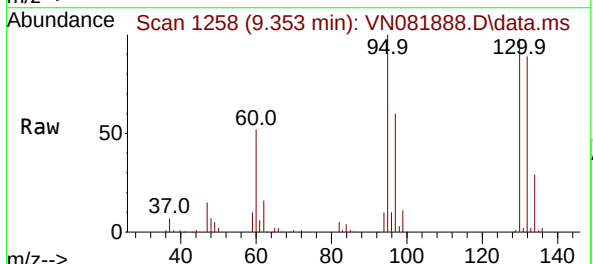
RT: 9.353 min Scan# 1258

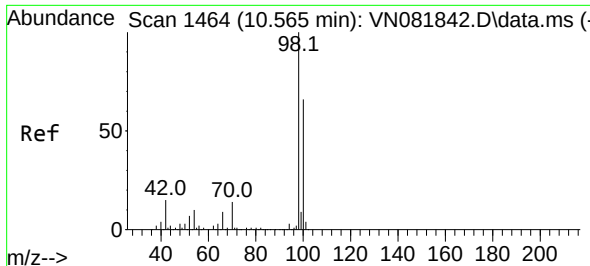
Delta R.T. 0.000 min

Lab File: VN081888.D

Acq: 26 Apr 2024 19:18

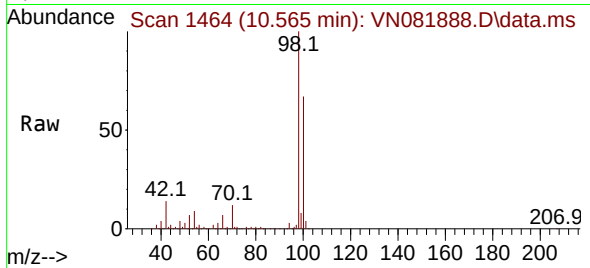
Tgt Ion:130 Resp: 177387
 Ion Ratio Lower Upper
 130 100
 95 101.6 0.0 195.4





#50
Toluene-d8
Concen: 52.294 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

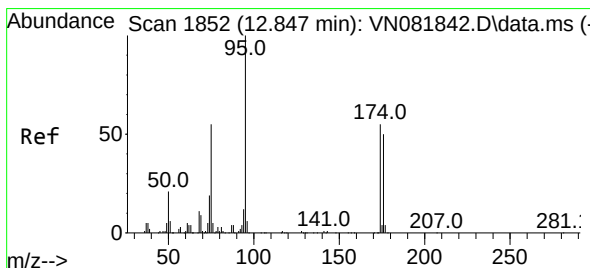
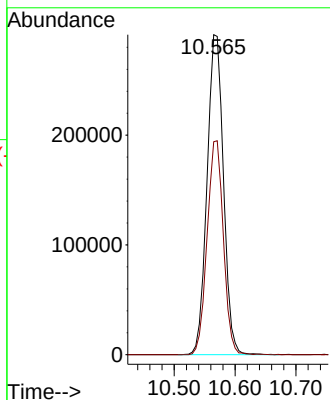
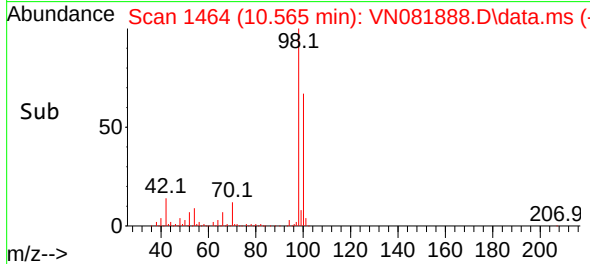
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-32-042524



Tgt Ion: 98 Resp: 54634
Ion Ratio Lower Upper
98 100
100 66.2 51.8 77.6

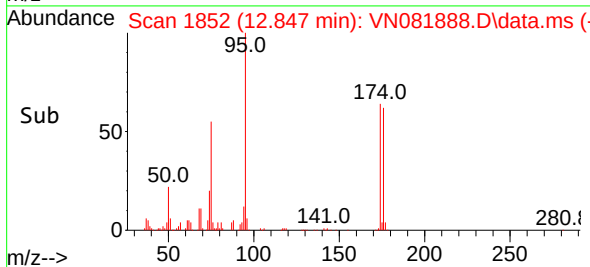
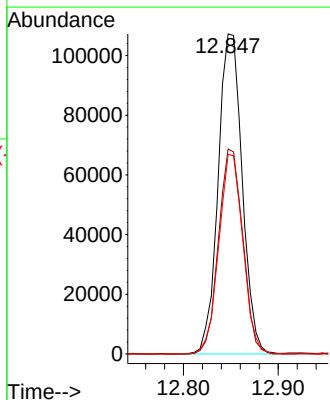
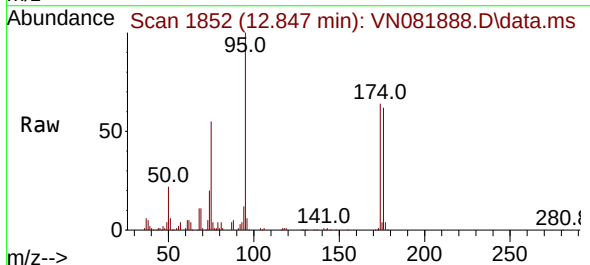
Manual Integrations
APPROVED

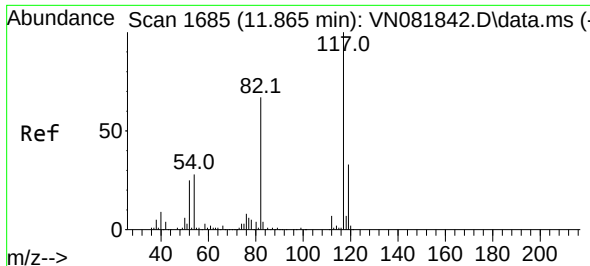
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#62
4-Bromofluorobenzene
Concen: 45.949 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

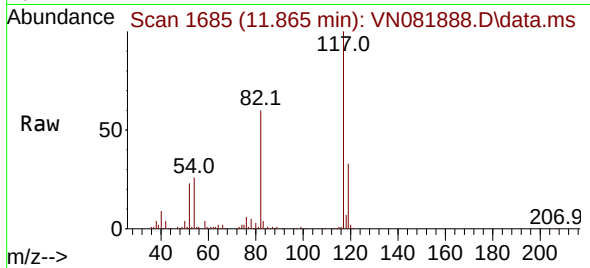
Tgt Ion: 95 Resp: 189766
Ion Ratio Lower Upper
95 100
174 64.2 0.0 160.6
176 62.4 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18

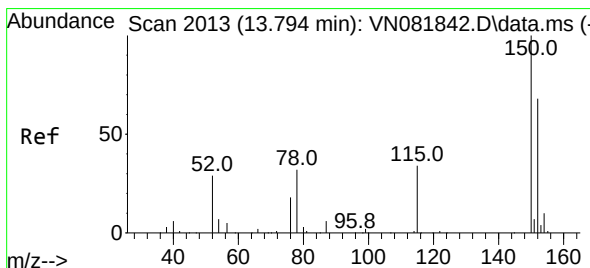
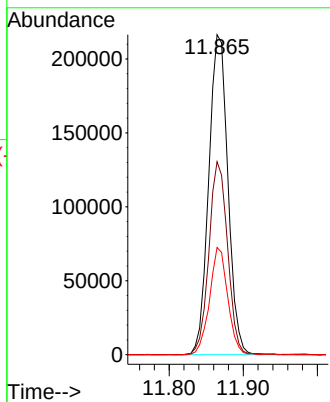
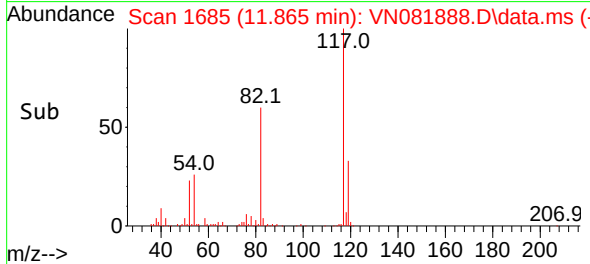
Instrument :
MSVOA_N
ClientSampleId :
RMW-02B-32-042524



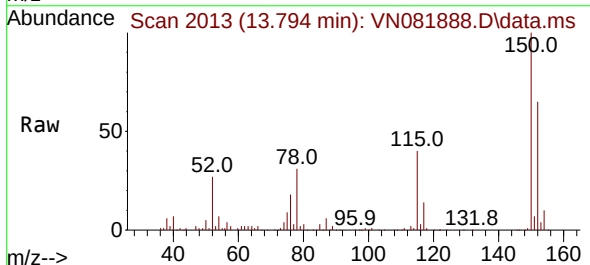
Tgt Ion:117 Resp: 38814
Ion Ratio Lower Upper
117 100
82 60.3 44.6 66.8
119 33.5 25.9 38.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081888.D
Acq: 26 Apr 2024 19:18



Tgt Ion:152 Resp: 153179
Ion Ratio Lower Upper
152 100
115 64.0 30.4 91.3
150 161.3 0.0 353.2

