

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081885.D
 Acq On : 26 Apr 2024 18:07
 Operator : JC\MD
 Sample : P2248-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-03B-56-042324

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 23:04:06 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	8.230	168	263556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	483487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	425833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	194576	43.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.480%		
35) Dibromofluoromethane	8.171	113	129796	44.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.180%		
50) Toluene-d8	10.571	98	588556	51.480	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.960%		
62) 4-Bromofluorobenzene	12.847	95	208547	46.144	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	92.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.077	85	1792871	484.601	ug/l	100
4) Vinyl Chloride	2.518	62	112075	32.079	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	42999977m	13704.148	ug/l	
12) 1,1-Dichloroethene	4.371	96	213332	66.830	ug/l #	63
16) Acetone	4.377	43	808407	622.743	ug/l #	72
20) Methylene Chloride	5.283	84	13300	3.489	ug/l #	85
21) trans-1,2-Dichloroethene	5.794	96	28007	8.047	ug/l	82
24) 1,1-Dichloroethane	6.571	63	46752	6.875	ug/l #	93
27) cis-1,2-Dichloroethene	7.488	96	3229432	794.050	ug/l	98
29) Tetrahydrofuran	7.841	42	33673	18.599	ug/l	94
30) Chloroform	7.965	83	61215	9.081	ug/l	95
40) Benzene	8.612	78	62028	4.363	ug/l	99
42) 1,2-Dichloroethane	8.677	62	25229	4.779	ug/l	97
44) Trichloroethene	9.353	130	38752456m	11822.842	ug/l	
52) Toluene	10.635	92	39809	4.676	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	82320	24.585	ug/l	99
64) Tetrachloroethene	11.106	164	173508	56.100	ug/l	96
68) m/p-Xylenes	12.070	106	3641	0.590	ug/l	82
69) o-Xylene	12.406	106	2456	0.408	ug/l	88

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

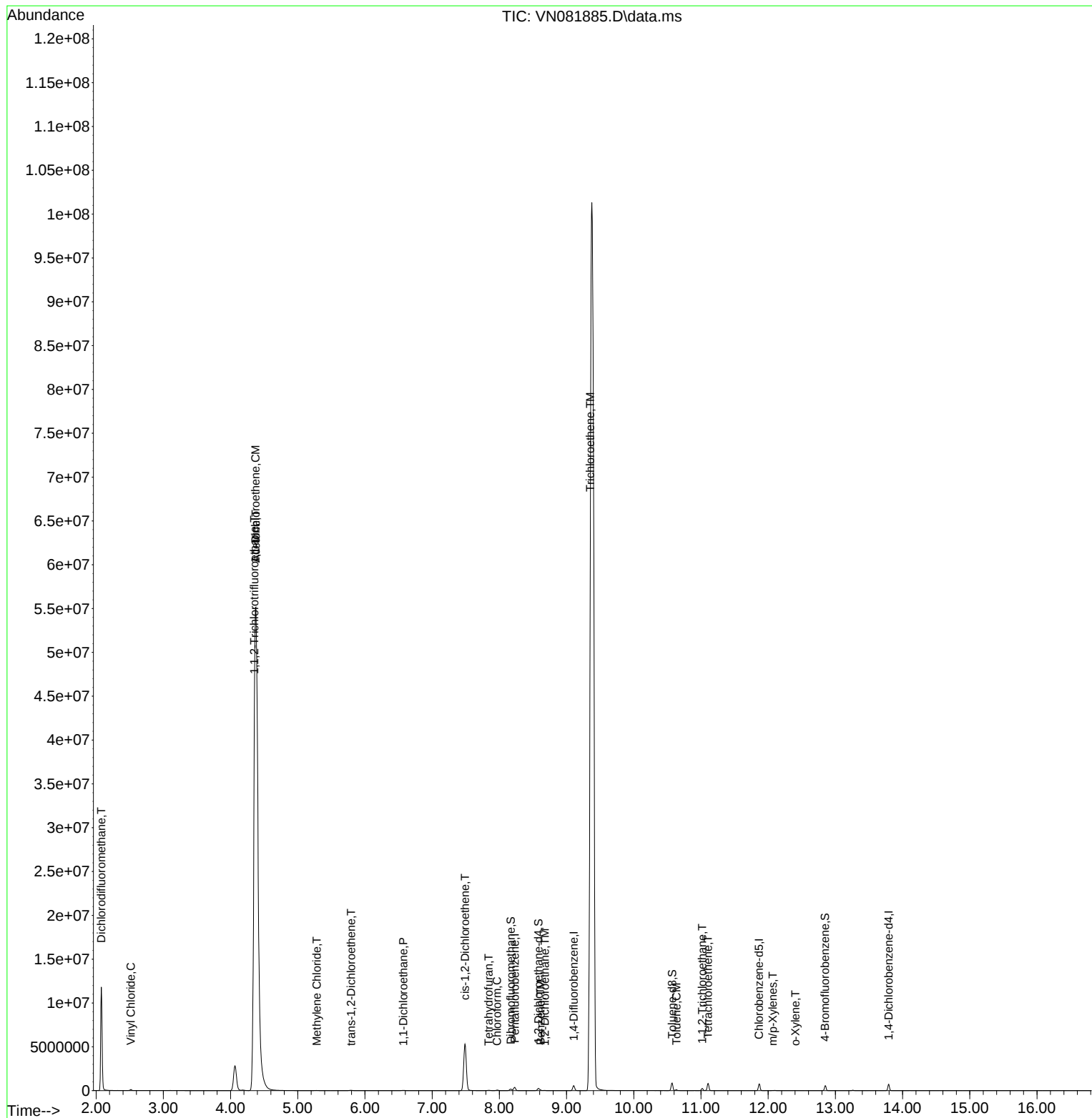
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081885.D
Acq On : 26 Apr 2024 18:07
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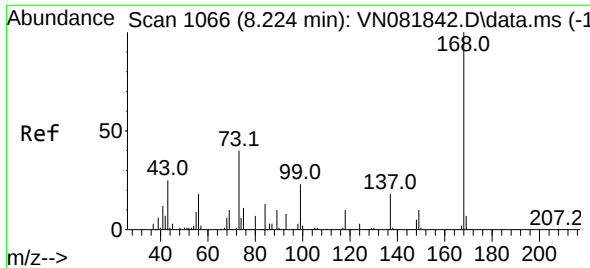
Instrument :
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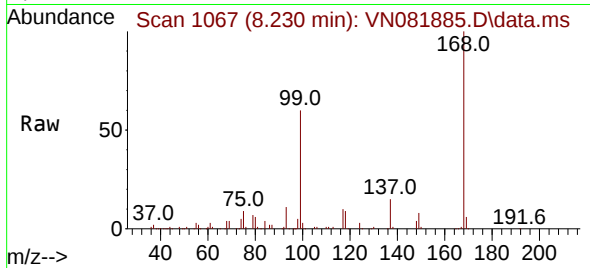
Quant Time: Apr 26 23:04:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

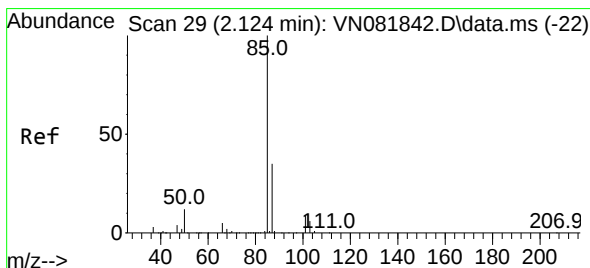
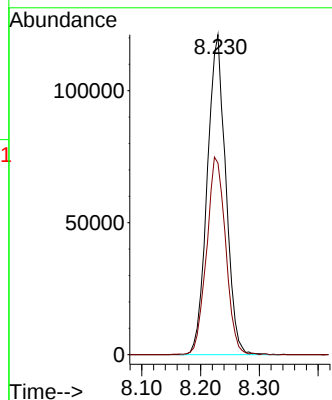
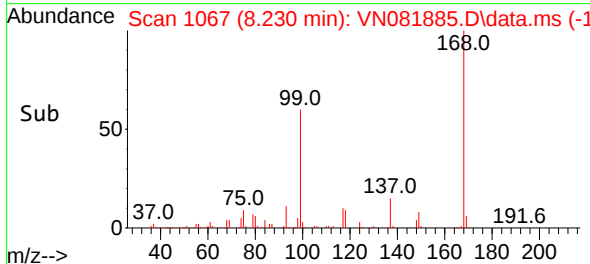
Instrument :
MSVOA_N
ClientSampleId :
RMW-03B-56-042324



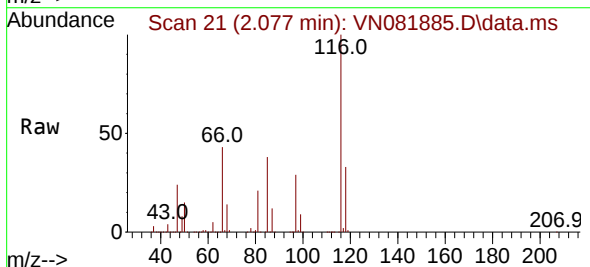
Tgt Ion:168 Resp: 263550
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4

Manual Integrations
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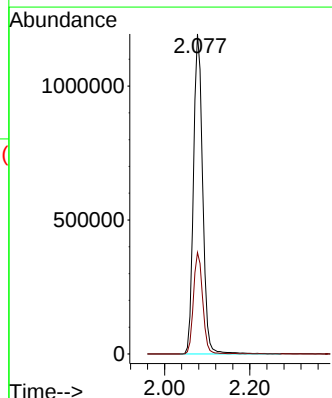
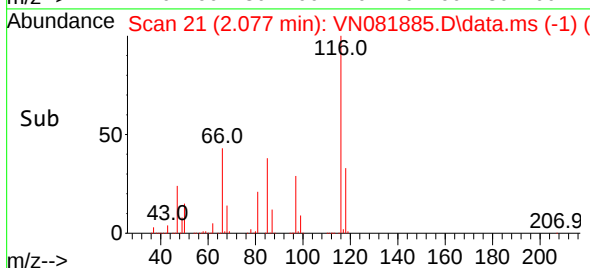
Reviewed By :John Carlone 04/29/2024
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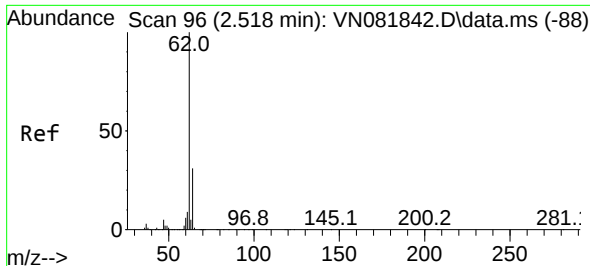


#2
Dichlorodifluoromethane
Concen: 484.601 ug/l
RT: 2.077 min Scan# 21
Delta R.T. -0.047 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07



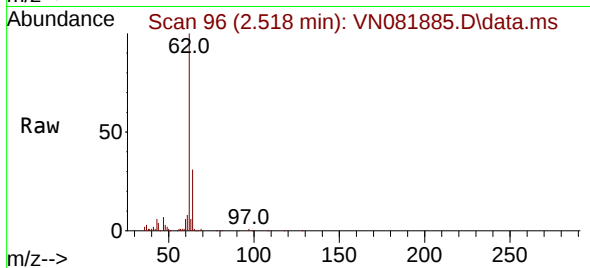
Tgt Ion: 85 Resp: 1792871
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4





#4
 Vinyl Chloride
 Concen: 32.079 ug/l
 RT: 2.518 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VN081885.D
 Acq: 26 Apr 2024 18:07

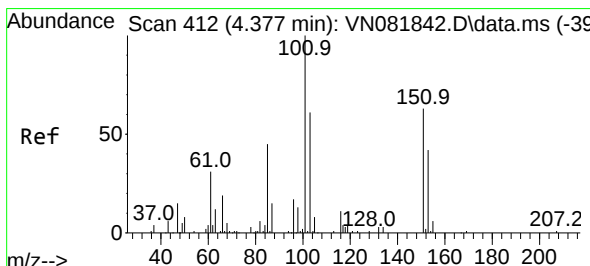
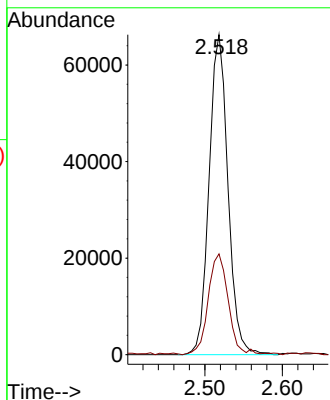
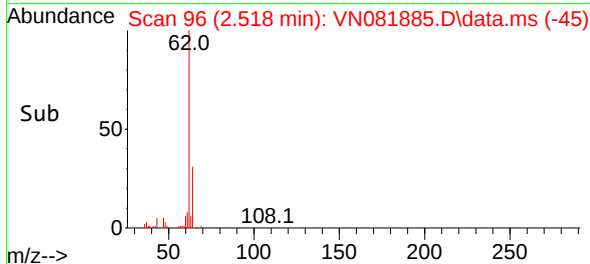
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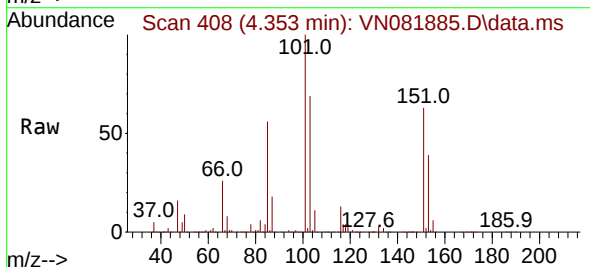
Tgt Ion: 62 Resp: 112079
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.6 37.0

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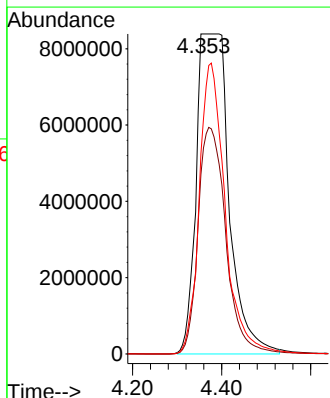
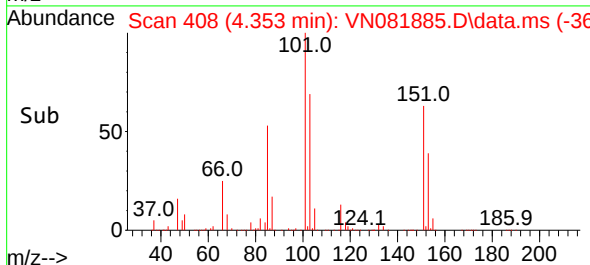
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024

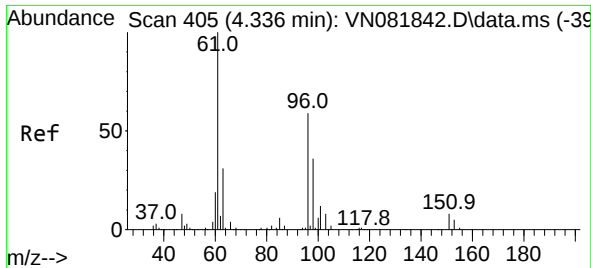


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 13704.148 ug/l m
 RT: 4.353 min Scan# 408
 Delta R.T. -0.024 min
 Lab File: VN081885.D
 Acq: 26 Apr 2024 18:07



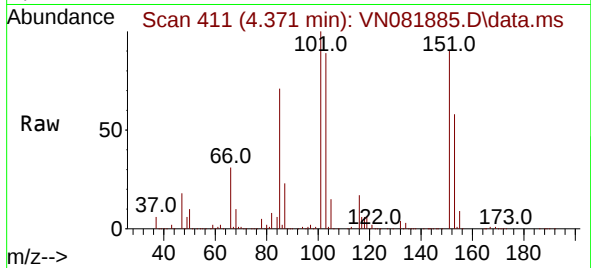
Tgt Ion:101 Resp:42999977
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 59.2 88.8#





#12
 1,1-Dichloroethene
 Concen: 66.830 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.035 min
 Lab File: VN081885.D
 Acq: 26 Apr 2024 18:07

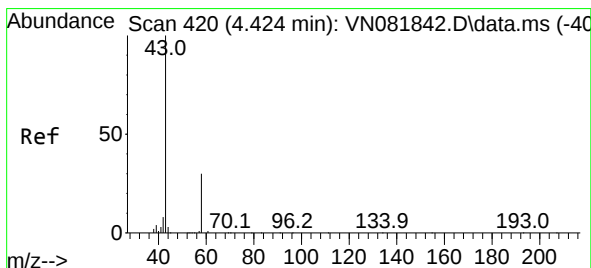
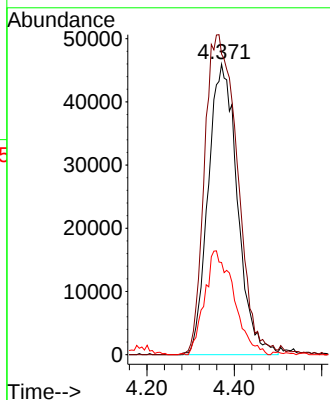
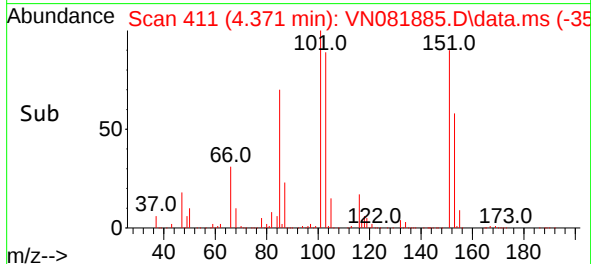
Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-03B-56-042324



Tgt Ion: 96 Resp: 21333
 Ion Ratio Lower Upper
 96 100
 61 103.6 119.7 179.5
 98 31.7 49.6 74.4

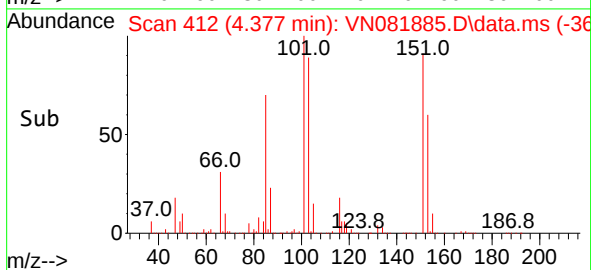
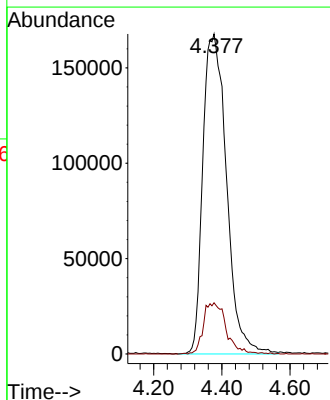
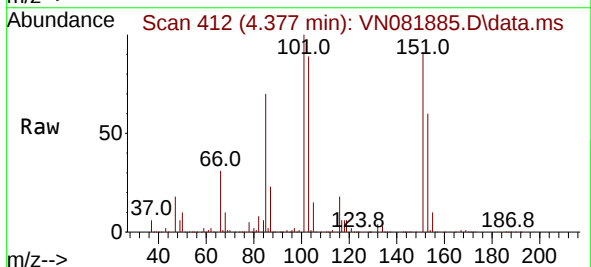
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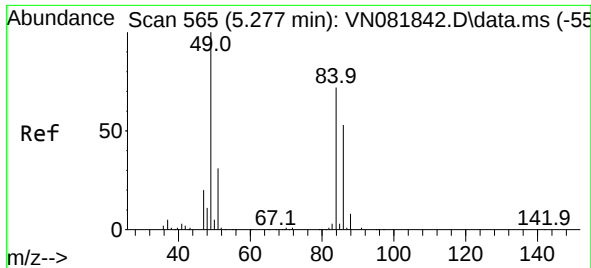
Reviewed By :John Carlone 04/29/2024
 Supervised By :Mahesh Dadoda 04/29/2024



#16
 Acetone
 Concen: 622.743 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. -0.047 min
 Lab File: VN081885.D
 Acq: 26 Apr 2024 18:07

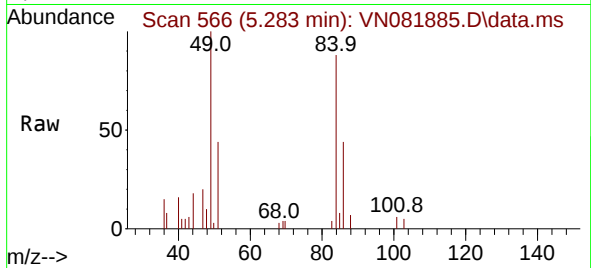
Tgt Ion: 43 Resp: 808407
 Ion Ratio Lower Upper
 43 100
 58 16.0 25.2 37.8





#20
Methylene Chloride
Concen: 3.489 ug/l
RT: 5.283 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

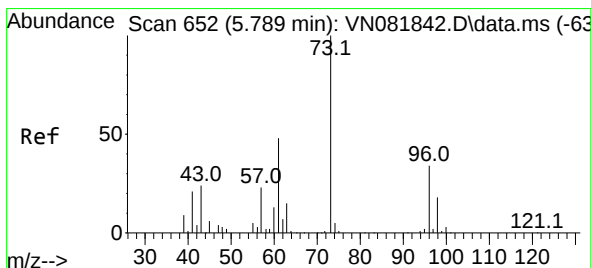
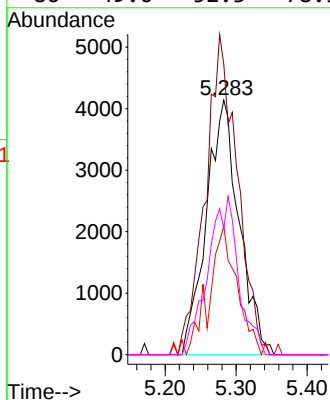
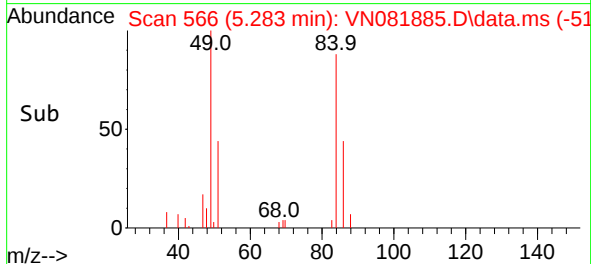
Instrument :
MSVOA_N
ClientSampleId :
RMW-03B-56-042324



Tgt Ion: 84 Resp: 13300
Ion Ratio Lower Upper
84 100
49 114.0 84.9 127.3
51 50.6 27.0 40.6
86 49.6 52.3 78.5#

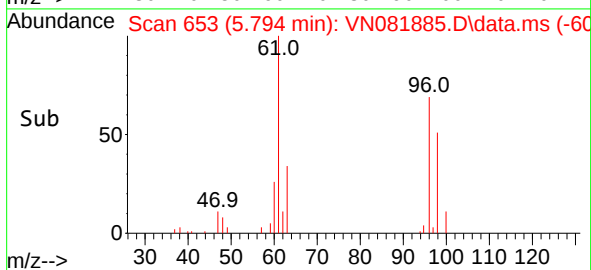
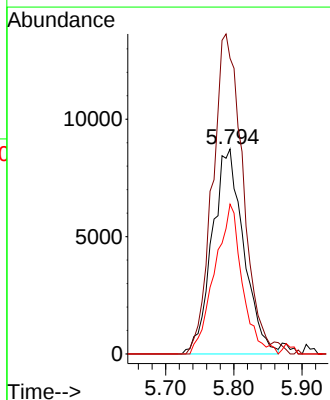
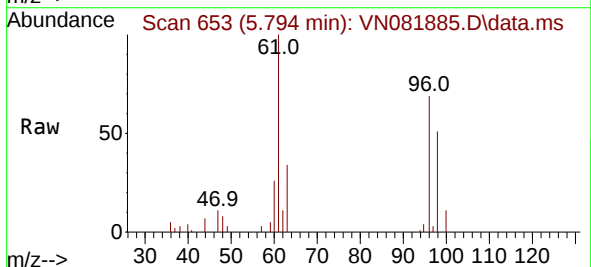
Manual Integrations
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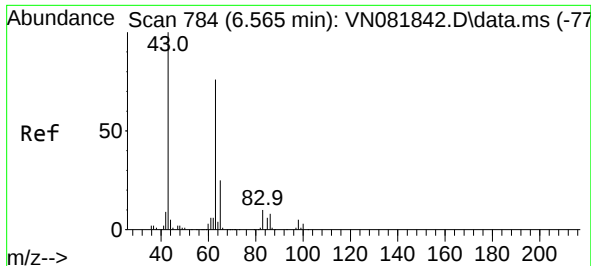
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#21
trans-1,2-Dichloroethene
Concen: 8.047 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

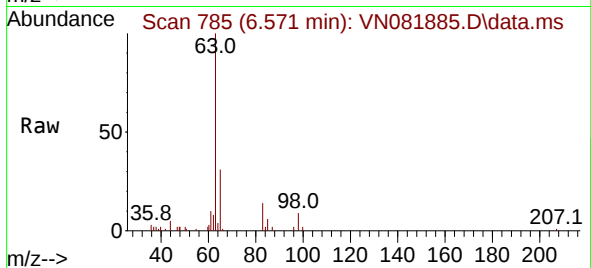
Tgt Ion: 96 Resp: 28007
Ion Ratio Lower Upper
96 100
61 144.3 96.5 144.7
98 73.1 51.3 76.9





#24
1,1-Dichloroethane
Concen: 6.875 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

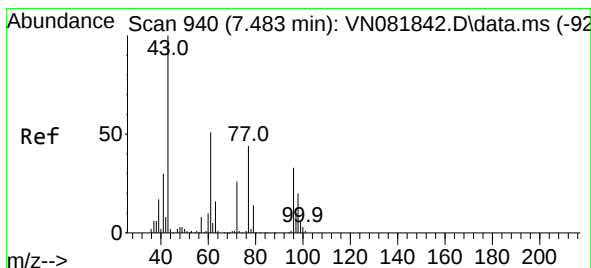
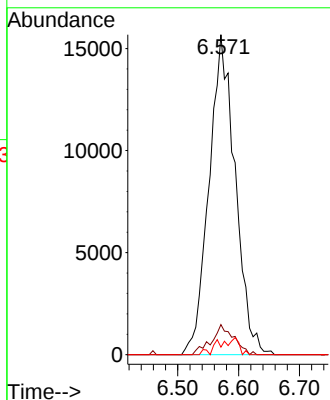
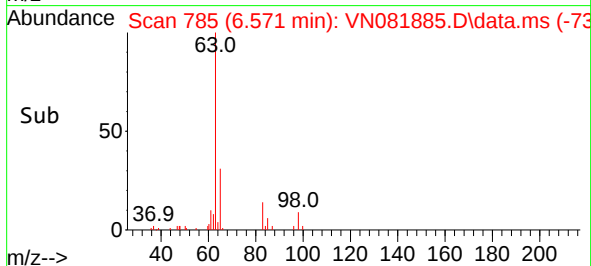
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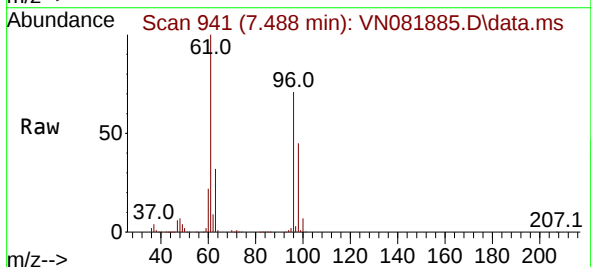
Tgt Ion: 63 Resp: 46752
Ion Ratio Lower Upper
63 100
98 9.4 3.6 10.9
100 2.3 2.6 7.8

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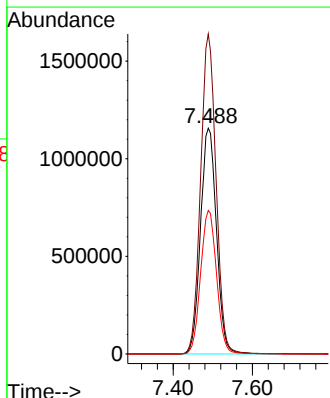
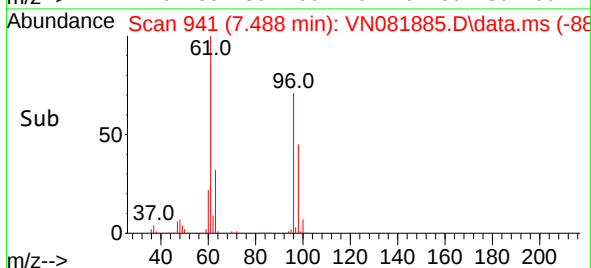
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

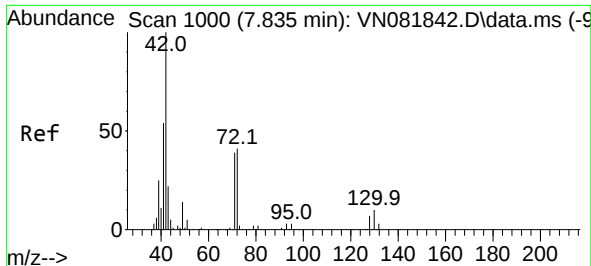


#27
cis-1,2-Dichloroethene
Concen: 794.050 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07



Tgt Ion: 96 Resp: 3229432
Ion Ratio Lower Upper
96 100
61 137.4 0.0 268.0
98 63.5 0.0 126.8





#29

Tetrahydrofuran

Concen: 18.599 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081885.D

Acq: 26 Apr 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

RMW-03B-56-042324

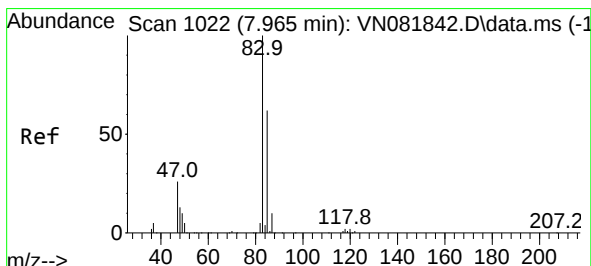
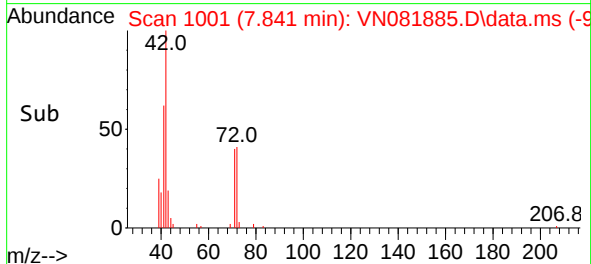
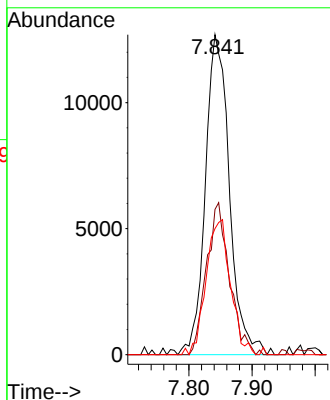
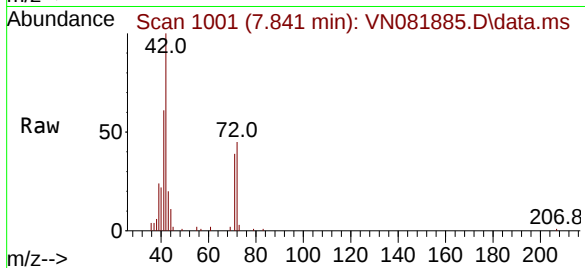
Tgt Ion:	42	Resp:	3367
Ion Ratio	Lower	Upper	
42	100		
72	45.5	39.3	58.9
71	42.7	37.4	56.0

Manual Integrations

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#30

Chloroform

Concen: 9.081 ug/l

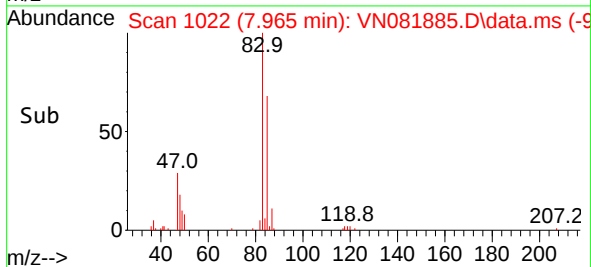
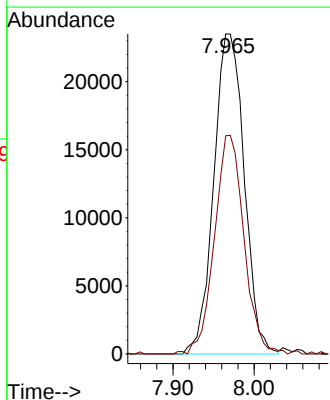
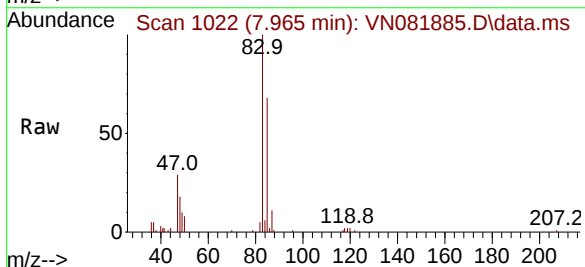
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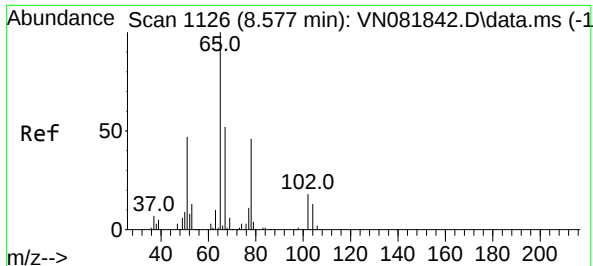
Delta R.T. -0.000 min

Lab File: VN081885.D

Acq: 26 Apr 2024 18:07

Tgt Ion:	83	Resp:	61215
Ion Ratio	Lower	Upper	
83	100		
85	67.4	50.7	76.1





#33

1,2-Dichloroethane-d4

Concen: 43.743 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

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Tgt Ion: 65 Resp: 194570

Ion Ratio Lower Upper

65 100

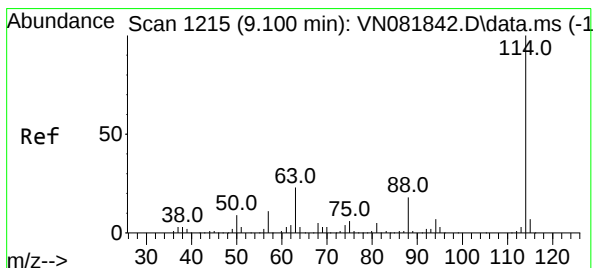
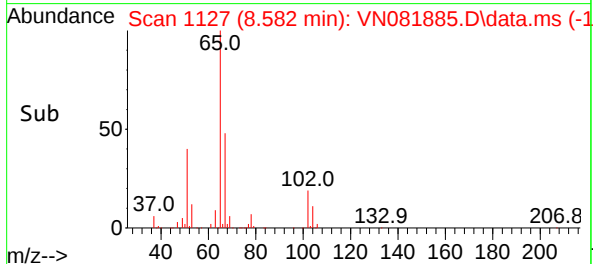
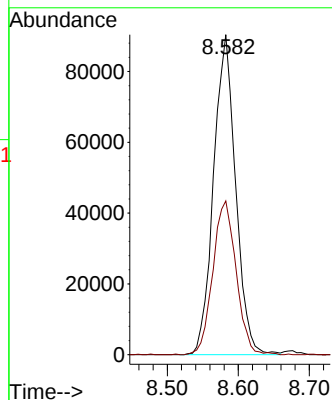
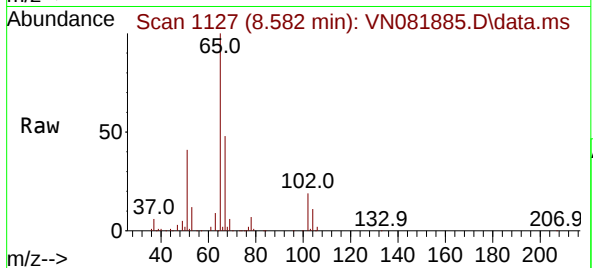
67 50.8 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 04/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081885.D

Acq: 26 Apr 2024 18:07

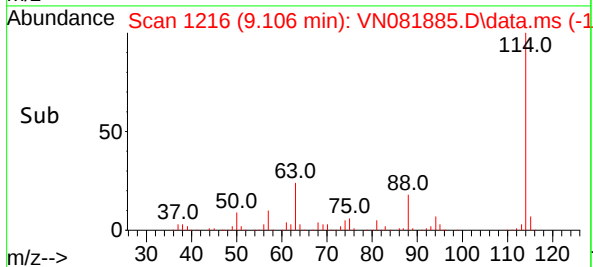
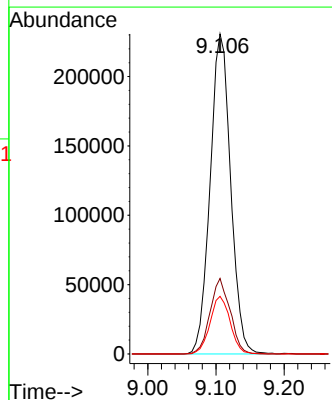
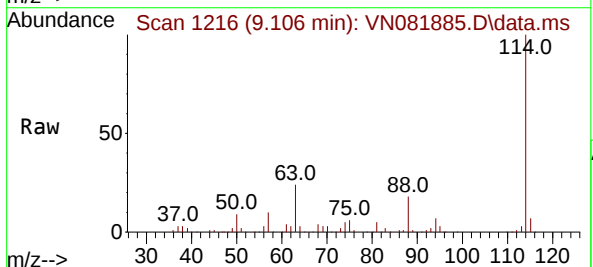
Tgt Ion:114 Resp: 483487

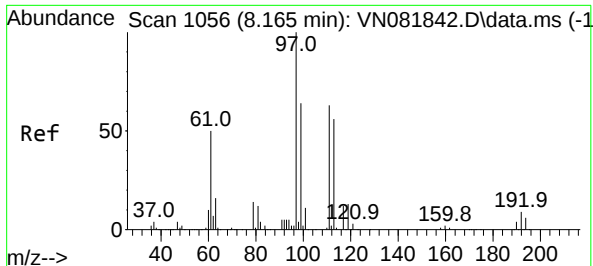
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 18.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 44.588 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081885.D

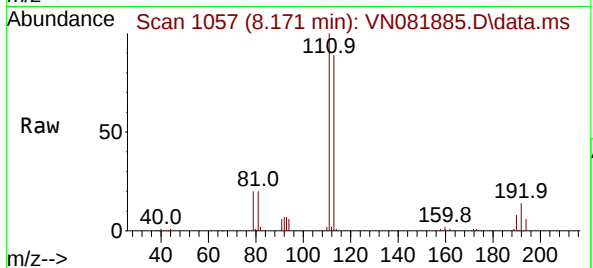
Acq: 26 Apr 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

RMW-03B-56-042324



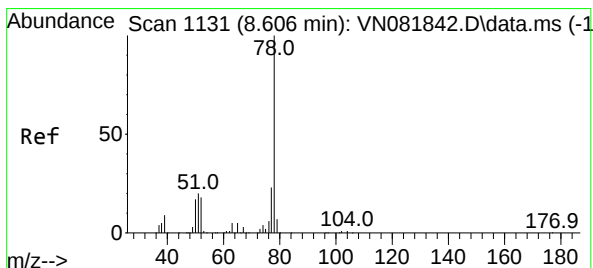
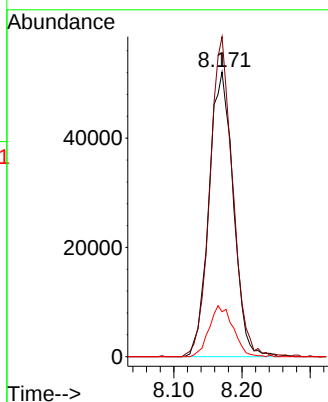
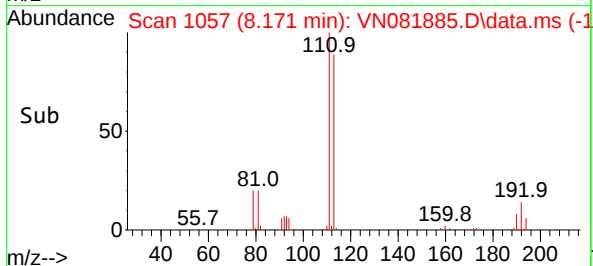
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.4	83.4	125.2
192	17.6	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#40

Benzene

Concen: 4.363 ug/l

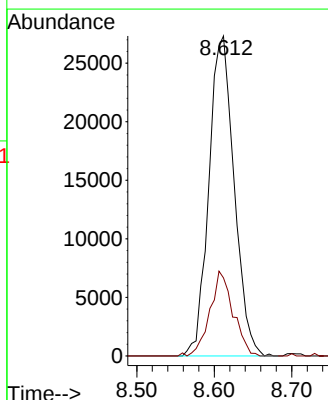
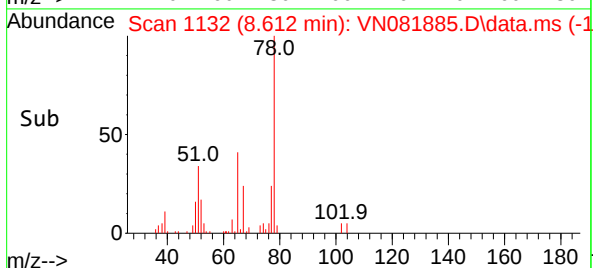
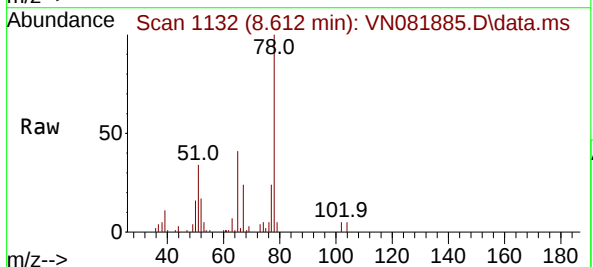
RT: 8.612 min Scan# 1132

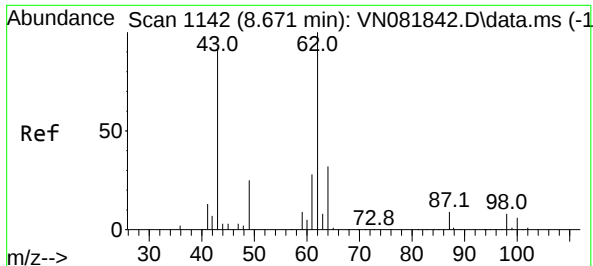
Delta R.T. 0.006 min

Lab File: VN081885.D

Acq: 26 Apr 2024 18:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.0	30.0





#42

1,2-Dichloroethane

Concen: 4.779 ug/l

RT: 8.677 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN081885.D

Acq: 26 Apr 2024 18:07

Instrument :

MSVOA_N

ClientSampleId :

RMW-03B-56-042324

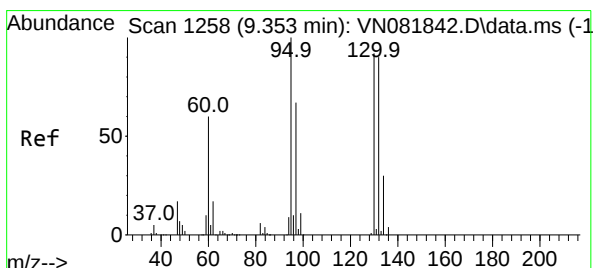
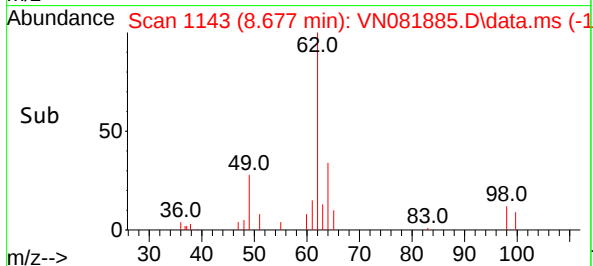
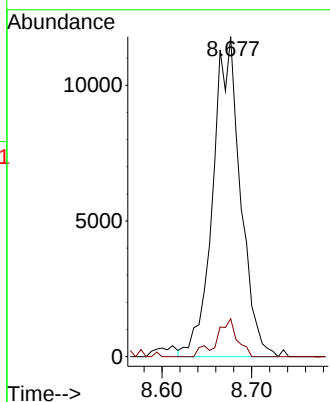
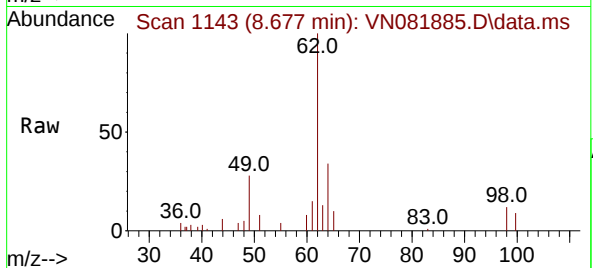
Tgt Ion: 62 Resp: 25229
 Ion Ratio Lower Upper
 62 100
 98 8.8 0.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#44

Trichloroethene

Concen: 11822.842 ug/l m

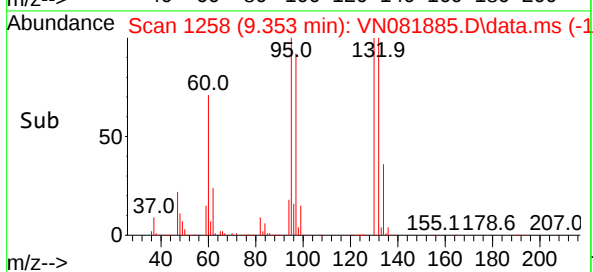
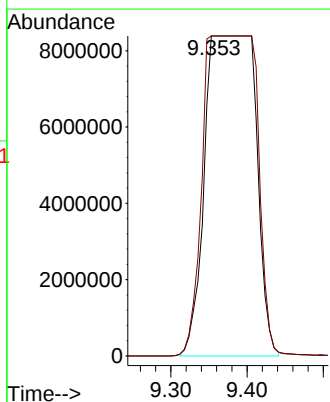
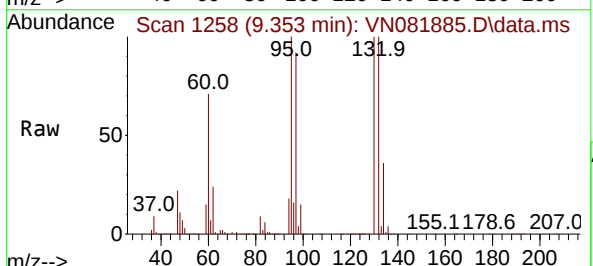
RT: 9.353 min Scan# 1258

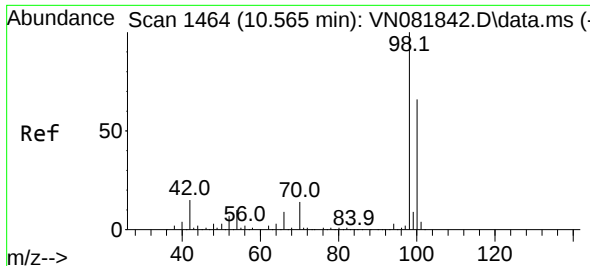
Delta R.T. -0.000 min

Lab File: VN081885.D

Acq: 26 Apr 2024 18:07

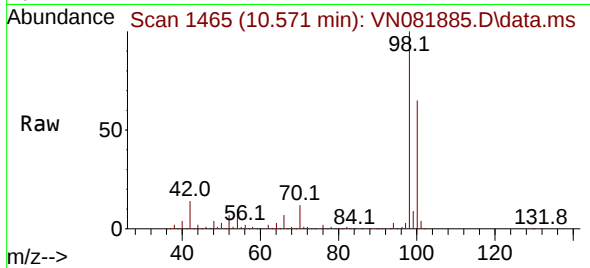
Tgt Ion:130 Resp:38752456
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 195.4





#50
Toluene-d8
Concen: 51.480 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

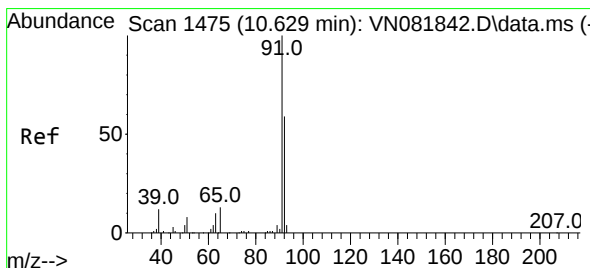
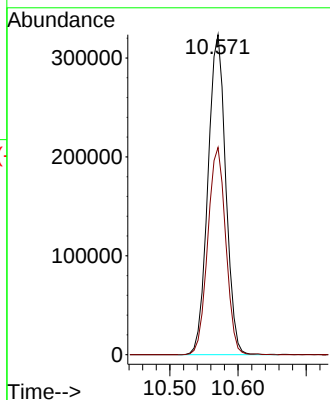
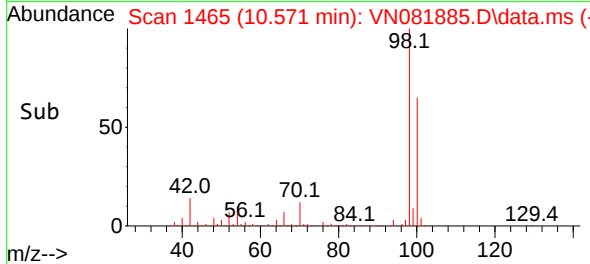
Instrument :
MSVOA_N
ClientSampleId :
RMW-03B-56-042324



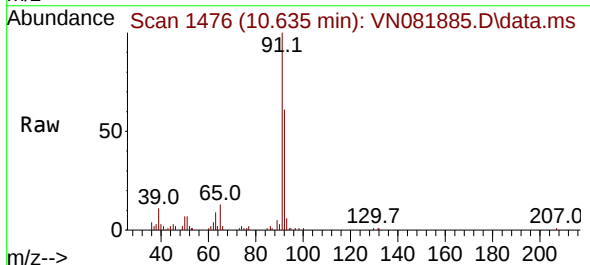
Tgt Ion: 98 Resp: 588550
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

Manual Integrations
APPROVED

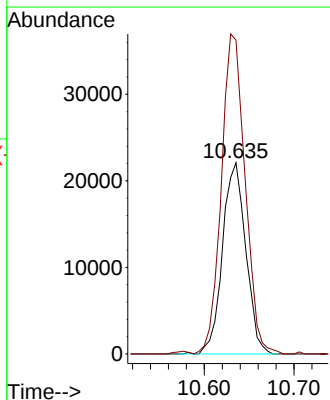
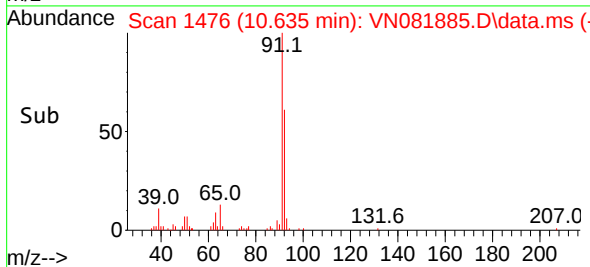
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

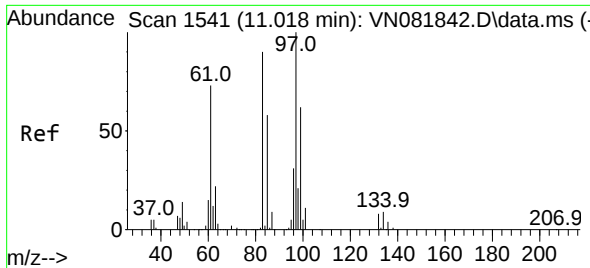


#52
Toluene
Concen: 4.676 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07



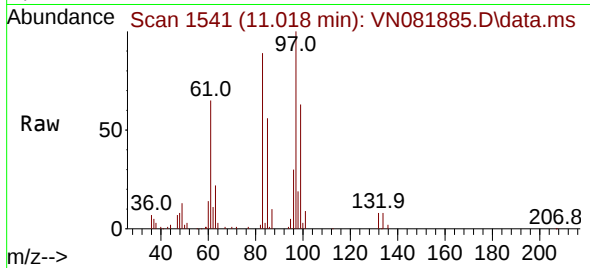
Tgt Ion: 92 Resp: 39809
Ion Ratio Lower Upper
92 100
91 170.8 136.7 205.1





#55
1,1,2-Trichloroethane
Concen: 24.585 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

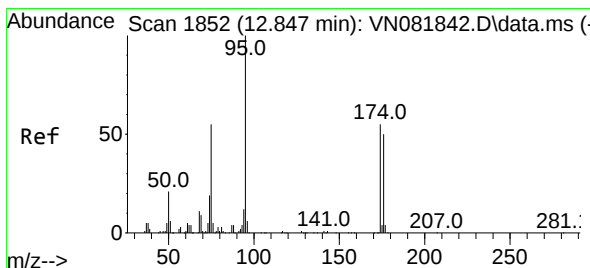
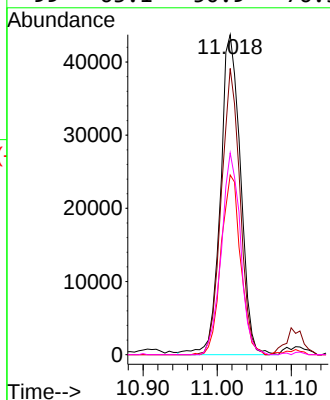
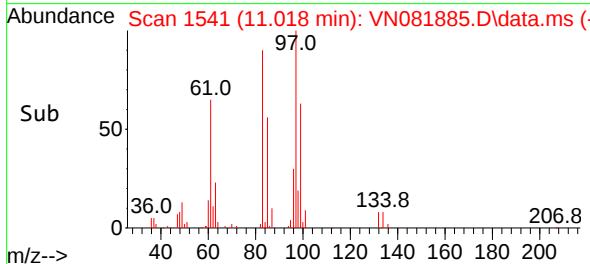
Instrument :
MSVOA_N
ClientSampleId :
RMW-03B-56-042324



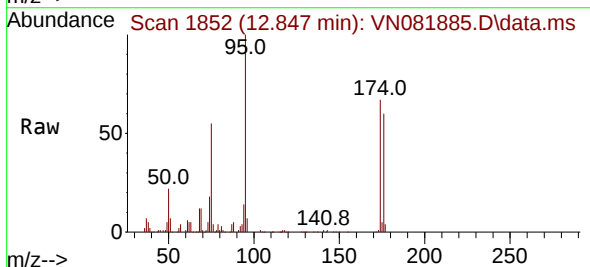
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.4	105.6
85	56.2	45.6	68.4
99	63.1	50.9	76.3

Manual Integrations
APPROVED

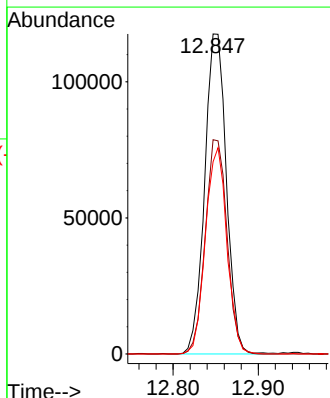
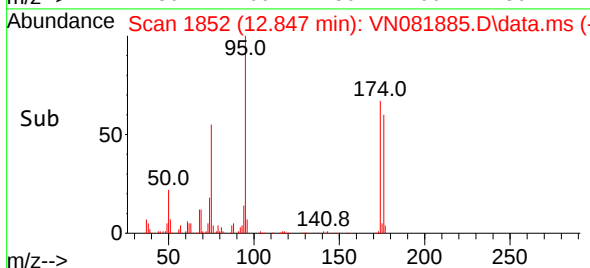
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

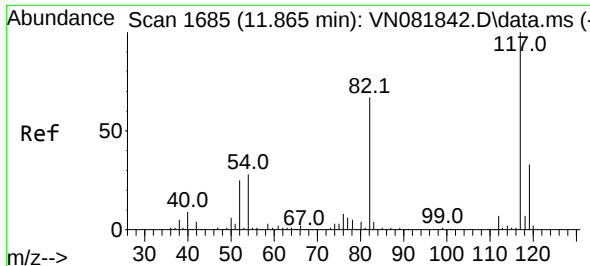


#62
4-Bromofluorobenzene
Concen: 46.144 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07



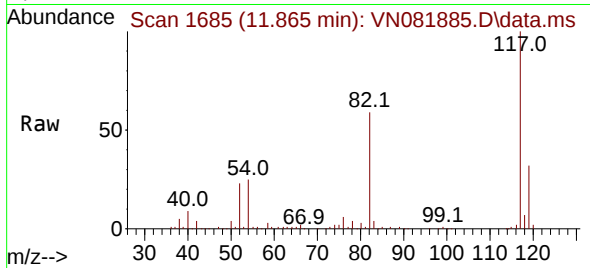
Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	160.6
176	63.6	0.0	152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

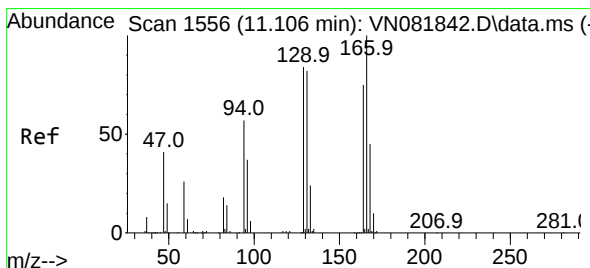
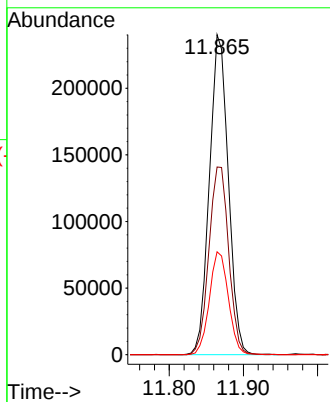
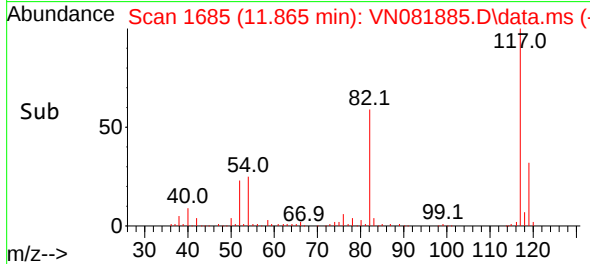
Instrument :
MSVOA_N
ClientSampleId :
RMW-03B-56-042324



Tgt Ion:117 Resp: 425833
Ion Ratio Lower Upper
117 100
82 58.6 44.6 66.8
119 32.2 25.9 38.9

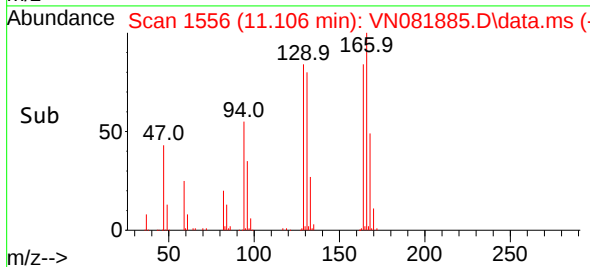
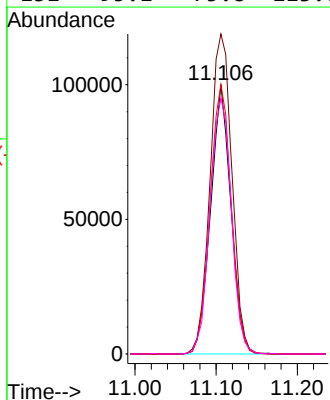
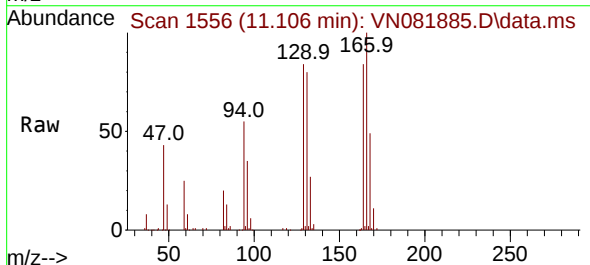
Manual Integrations
APPROVED

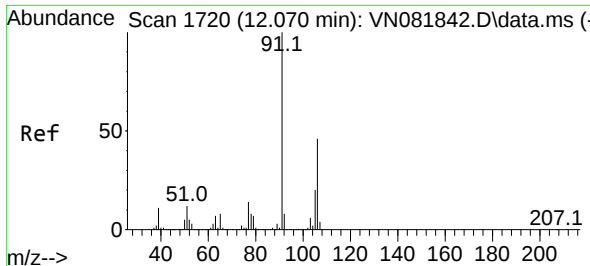
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#64
Tetrachloroethene
Concen: 56.100 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

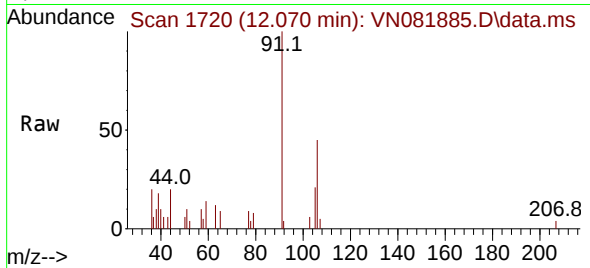
Tgt Ion:164 Resp: 173508
Ion Ratio Lower Upper
164 100
166 119.0 97.6 146.4
129 100.3 73.7 110.5
131 95.1 75.8 113.6





#68
m/p-Xylenes
Concen: 0.590 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07

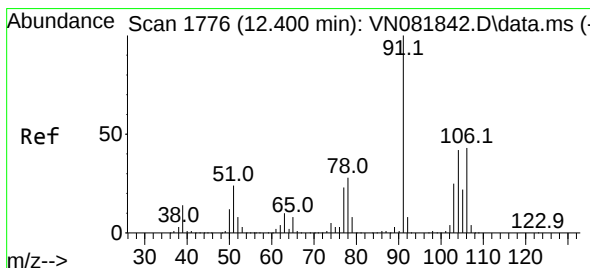
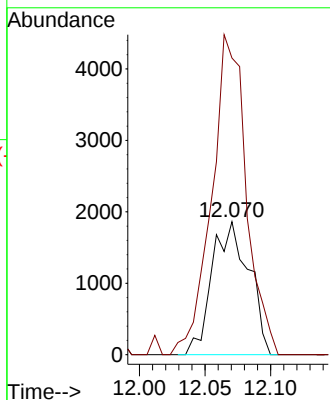
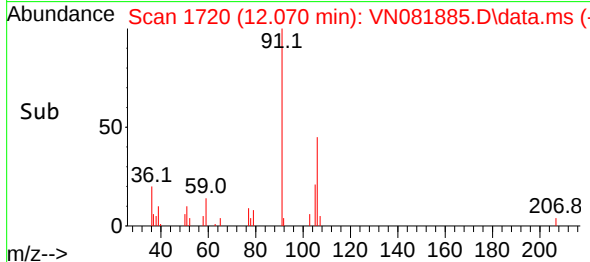
Instrument :
MSVOA_N
ClientSampleId :
RMW-03B-56-042324



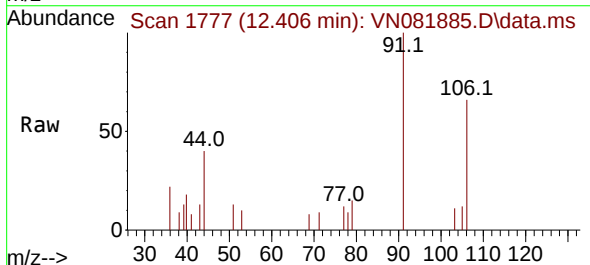
Tgt Ion:106 Resp: 364
Ion Ratio Lower Upper
106 100
91 225.9 159.4 239.0

Manual Integrations
APPROVED

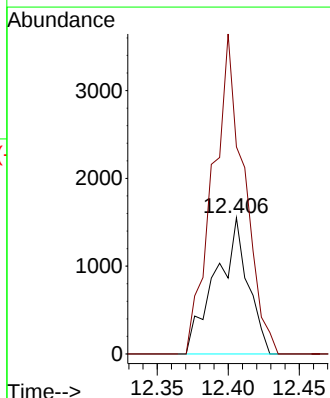
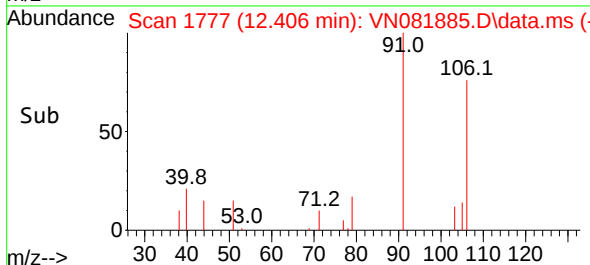
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

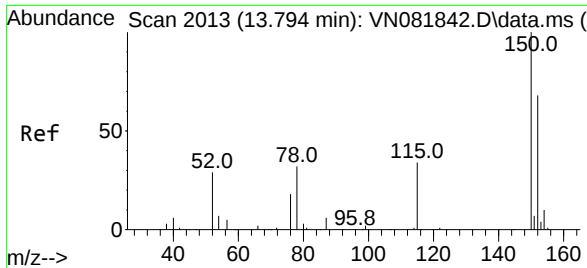


#69
o-Xylene
Concen: 0.408 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN081885.D
Acq: 26 Apr 2024 18:07



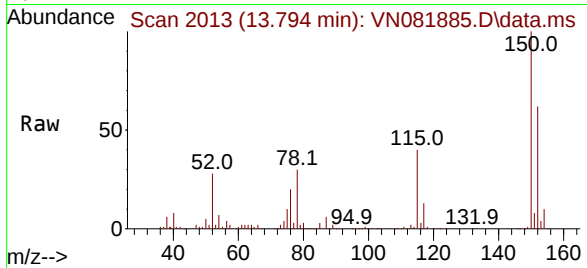
Tgt Ion:106 Resp: 2456
Ion Ratio Lower Upper
106 100
91 228.4 104.7 314.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081885.D
 Acq: 26 Apr 2024 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 RMW-03B-56-042324



Tgt Ion:152 Resp: 181300
 Ion Ratio Lower Upper
 152 100
 115 64.9 30.4 91.3
 150 156.2 0.0 353.2

Manual Integrations
 APPROVED

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

