

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081911.D
 Acq On : 29 Apr 2024 13:56
 Operator : JC\MD
 Sample : P2288-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418099-02

Quant Time: Apr 30 04:36:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	42154	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	252832	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	211049	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	104293	29.550	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.500%		
60) 4-Bromofluorobenzene	12.853	95	101024	28.763	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.867%		
63) Toluene-d8	10.571	98	304442	30.375	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.267%		
Target Compounds						
15) Acetone	4.418	58	42441m	128.819	ug/l	Qvalue
18) Methylene Chloride	5.277	84	17921m	6.122	ug/l	
21) 1,1-Dichloroethane	6.577	63	22705	4.291	ug/l	93
22) cis-1,2-Dichloroethene	7.488	96	10320	3.162	ug/l	94
25) Chloroform	7.971	83	9353	1.837	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	12702	2.934	ug/l #	72
37) Trichloroethene	9.353	130	1196	0.407	ug/l	95
62) Toluene	10.635	91	11740	0.989	ug/l	98

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

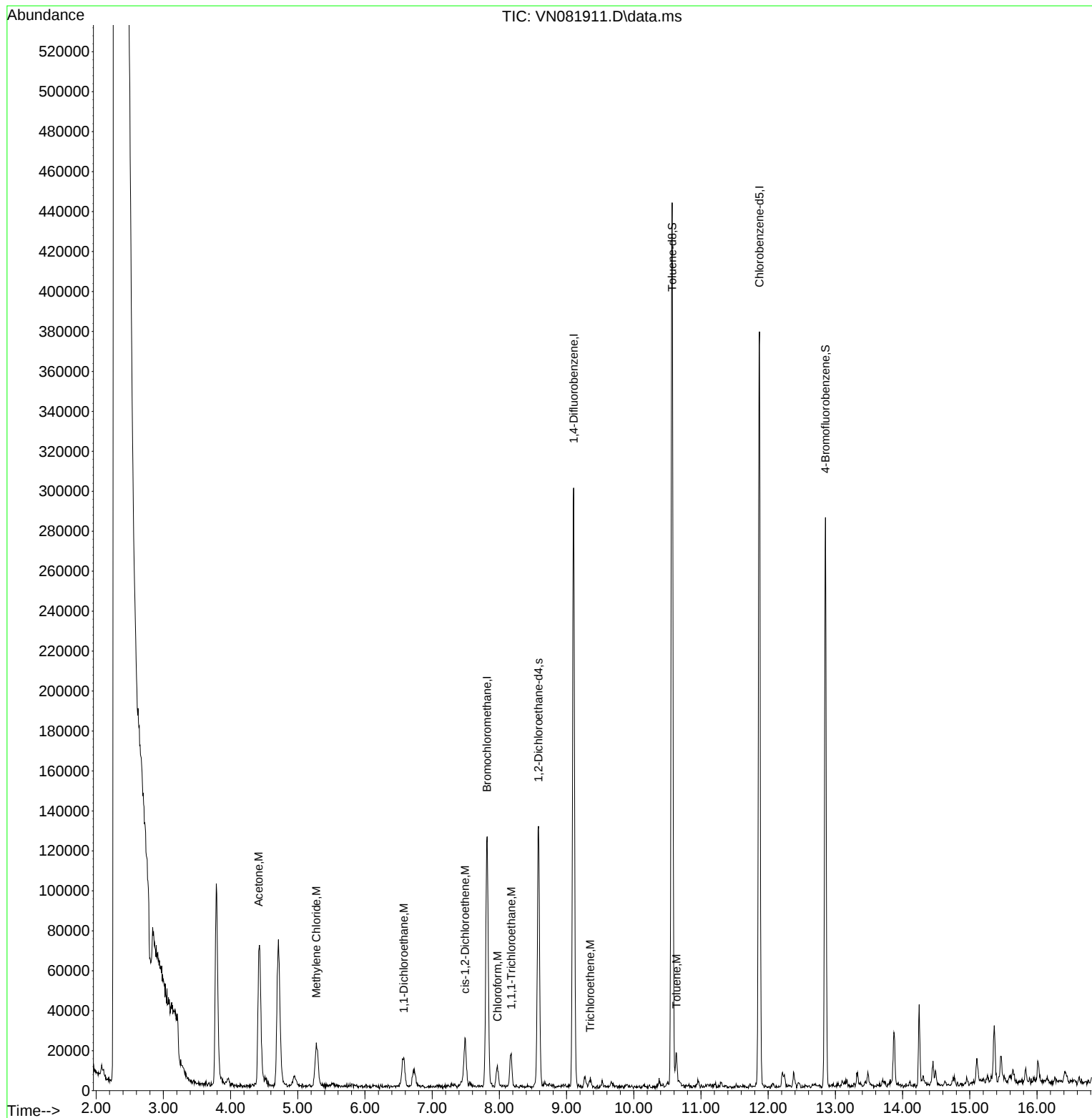
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
Data File : VN081911.D
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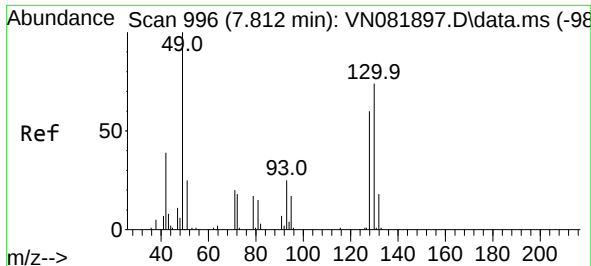
Instrument :
MSVOA_N
ClientSampleId :
240418099-02

Quant Time: Apr 30 04:36:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration

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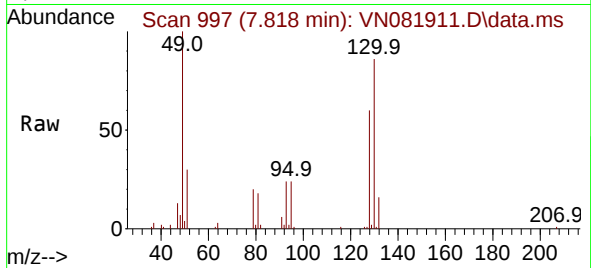
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

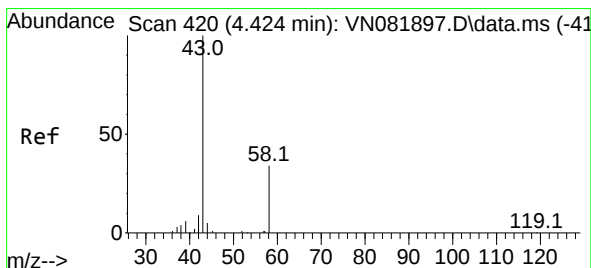
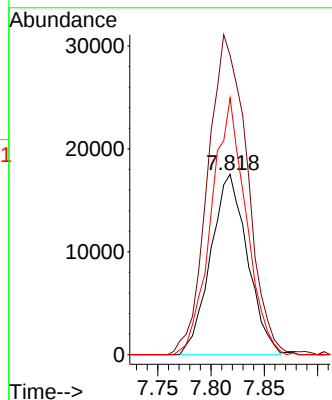
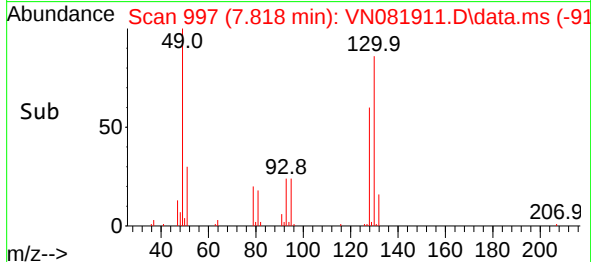
Instrument :
MSVOA_N
ClientSampleId :
240418099-02



Tgt Ion:128 Resp: 42154
Ion Ratio Lower Upper
128 100
49 189.4 0.0 403.7
130 134.1 0.0 323.3

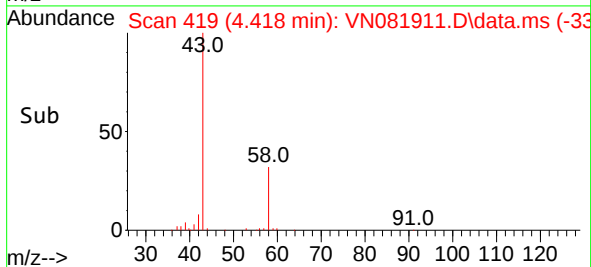
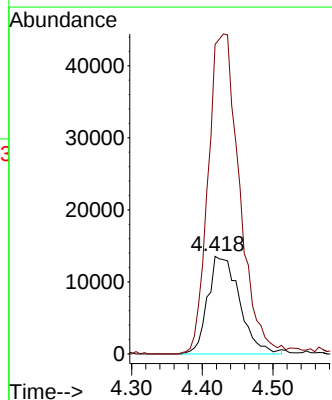
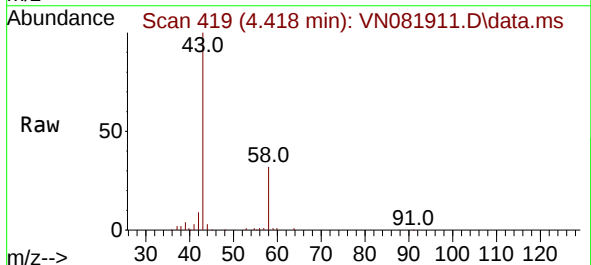
Manual Integrations
APPROVED

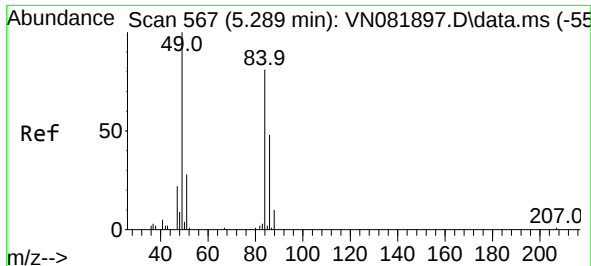
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#15
Acetone
Concen: 128.819 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

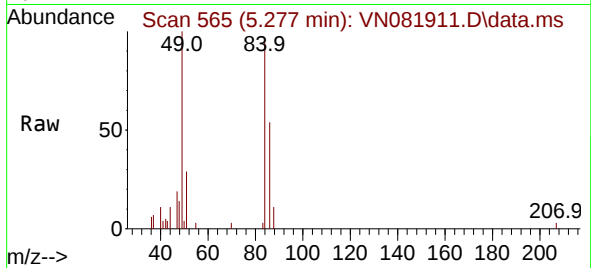
Tgt Ion: 58 Resp: 42441
Ion Ratio Lower Upper
58 100
43 317.1 223.1 334.7





#18
Methylene Chloride
Concen: 6.122 ug/l m
RT: 5.277 min Scan# 50
Delta R.T. -0.012 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

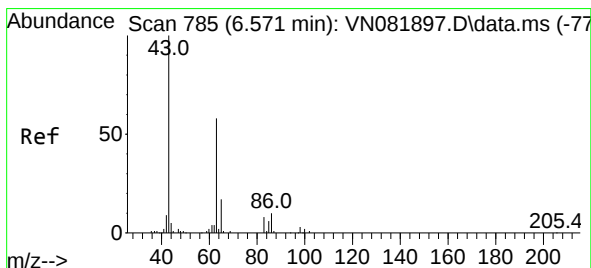
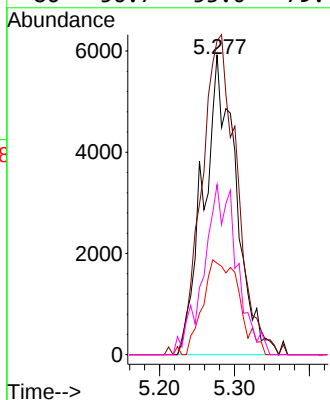
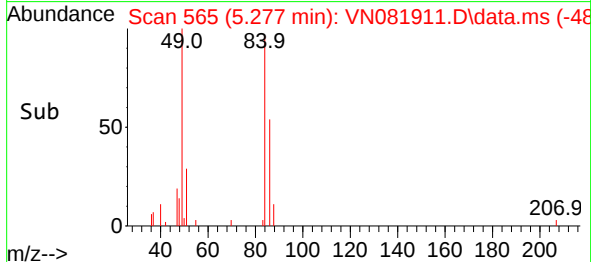
Instrument :
MSVOA_N
ClientSampleId :
240418099-02



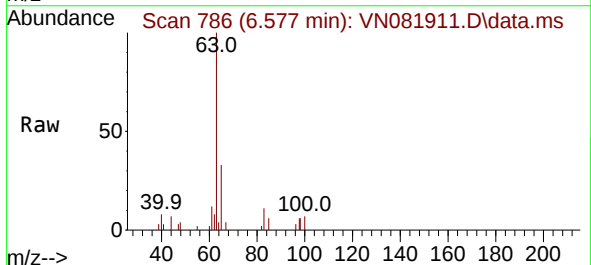
Tgt Ion:	84	Resp:	1792
Ion	Ratio	Lower	Upper
84	100		
49	104.7	86.0	129.0
51	30.5	30.0	45.0
86	56.7	53.0	79.4

Manual Integrations
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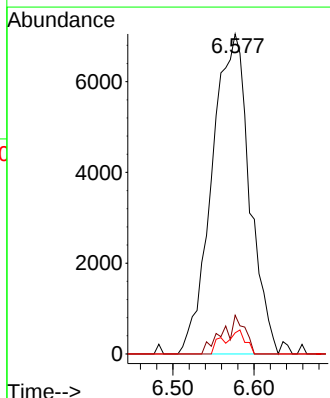
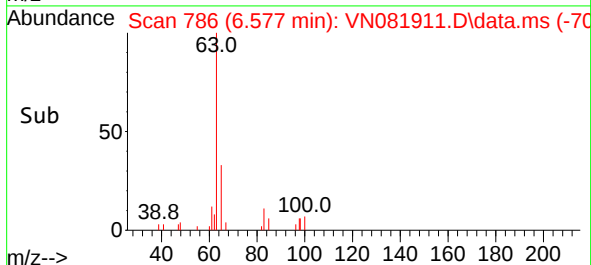
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

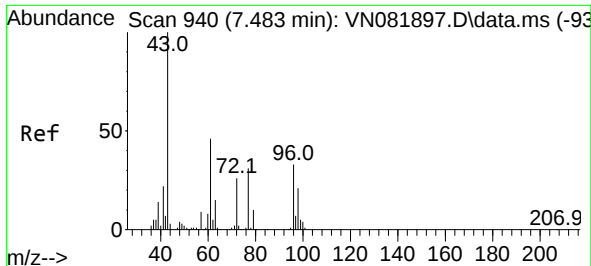


#21
1,1-Dichloroethane
Concen: 4.291 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56



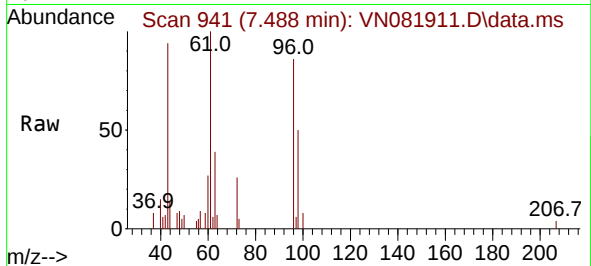
Tgt Ion:	63	Resp:	22705
Ion	Ratio	Lower	Upper
63	100		
98	12.1	4.1	12.3
100	6.6	3.0	9.0





#22
cis-1,2-Dichloroethene
Concen: 3.162 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

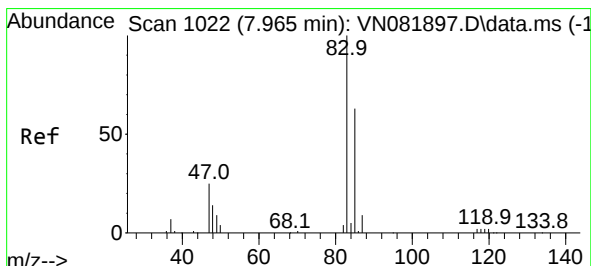
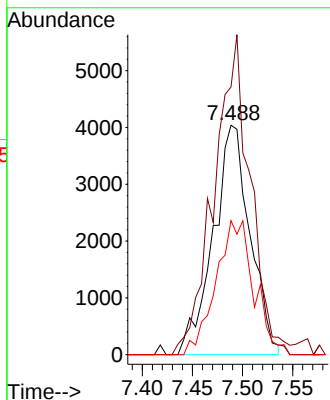
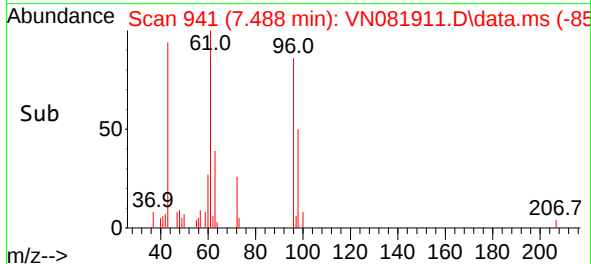
Instrument :
MSVOA_N
ClientSampleId :
240418099-02



Tgt Ion: 96 Resp: 10320
Ion Ratio Lower Upper
96 100
61 135.5 113.5 170.3
98 59.9 52.0 78.0

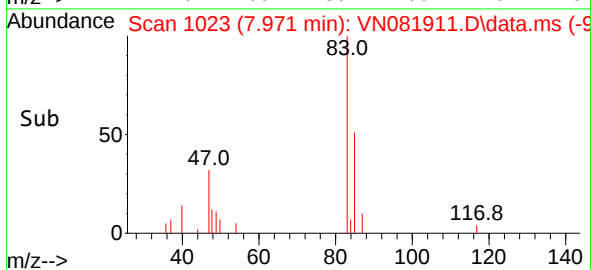
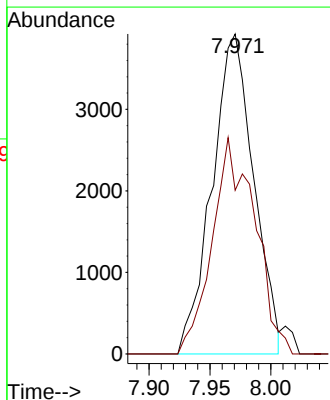
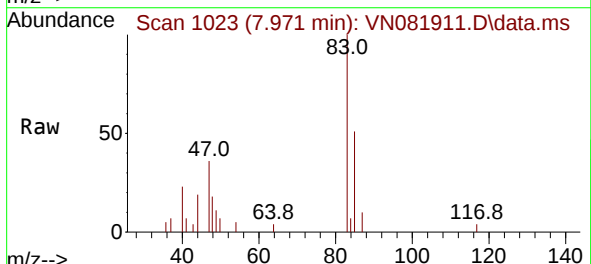
Manual Integrations
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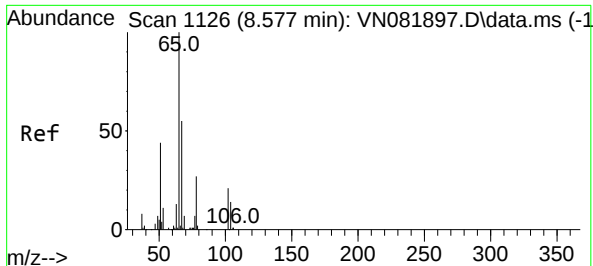
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#25
Chloroform
Concen: 1.837 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

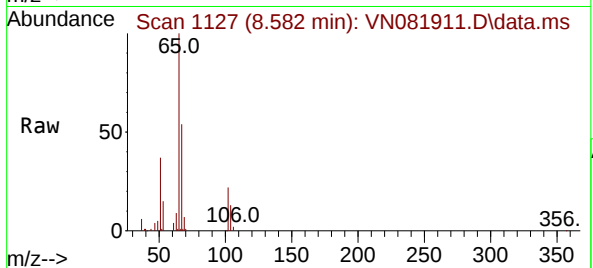
Tgt Ion: 83 Resp: 9353
Ion Ratio Lower Upper
83 100
85 51.1 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 29.550 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

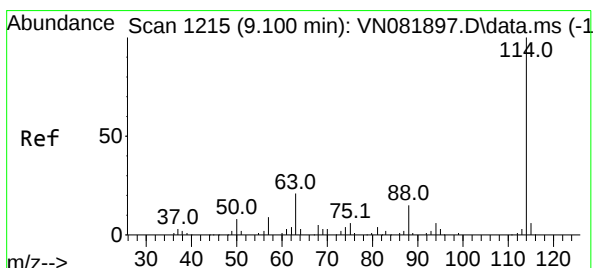
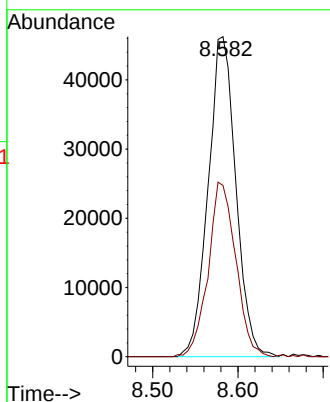
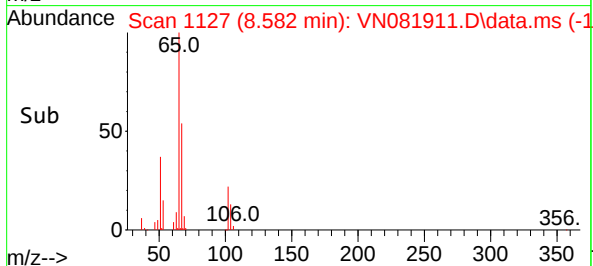
Instrument :
MSVOA_N
ClientSampleId :
240418099-02



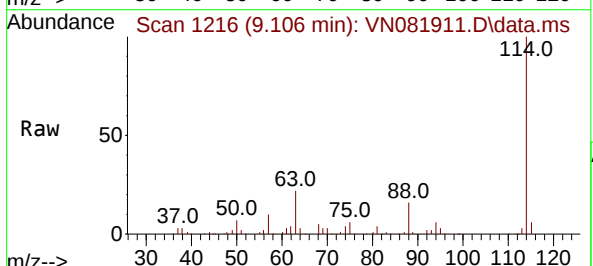
Tgt Ion: 65 Resp: 10429
Ion Ratio Lower Upper
65 100
67 54.3 43.2 64.8

Manual Integrations
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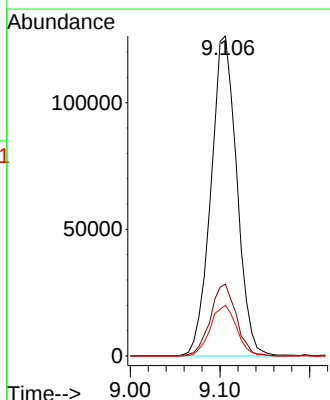
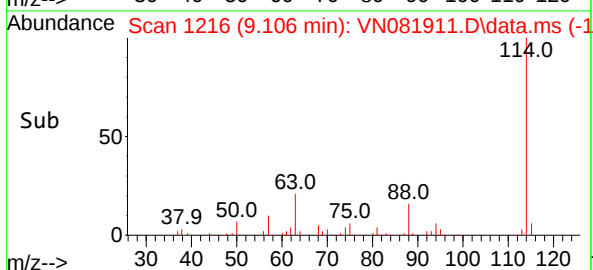
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

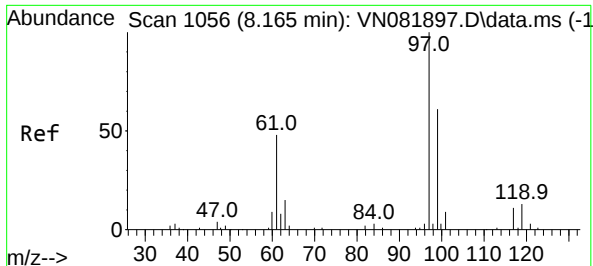


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56



Tgt Ion:114 Resp: 252832
Ion Ratio Lower Upper
114 100
63 22.6 15.9 23.9
88 16.1 12.7 19.1





#32

1,1,1-Trichloroethane

Concen: 2.934 ug/l

RT: 8.177 min Scan# 1056

Delta R.T. 0.012 min

Lab File: VN081911.D

Acq: 29 Apr 2024 13:56

Instrument :

MSVOA_N

ClientSampleId :

240418099-02

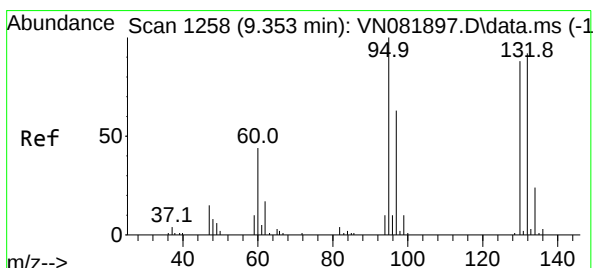
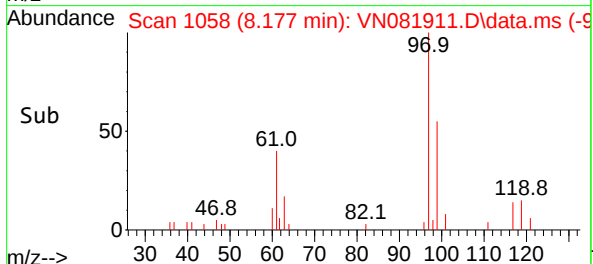
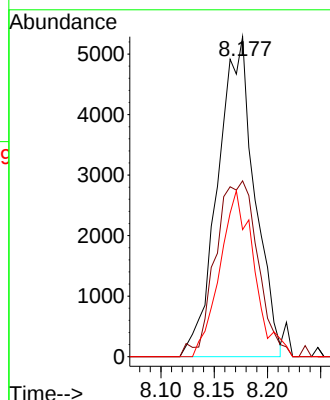
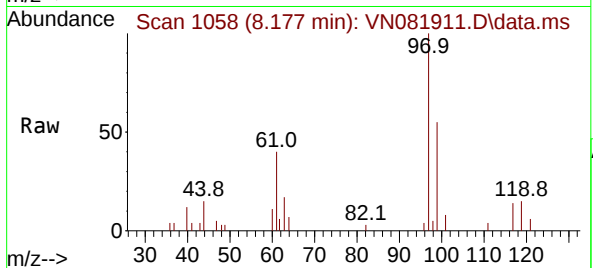
Tgt Ion: 97	Resp: 1270
Ion Ratio	Lower Upper
97	100
99	30.9 51.0 76.4
61	45.9 33.8 50.8

Manual Integrations

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Supervised By :Mahesh Dadoda 04/30/2024



#37

Trichloroethene

Concen: 0.407 ug/l

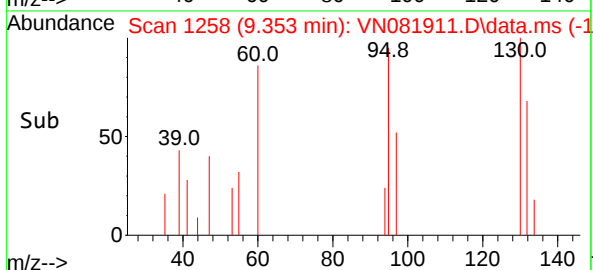
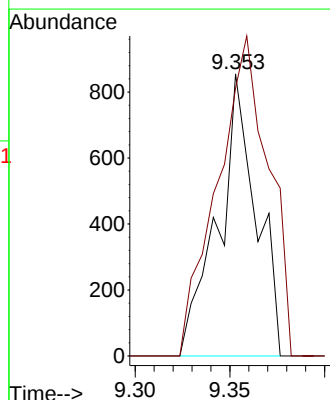
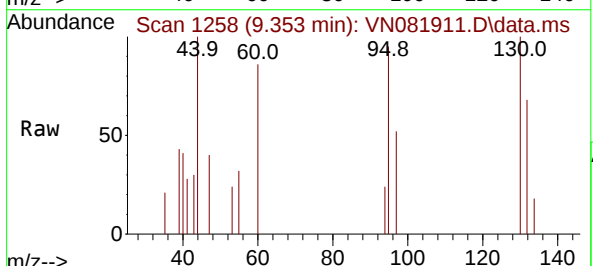
RT: 9.353 min Scan# 1258

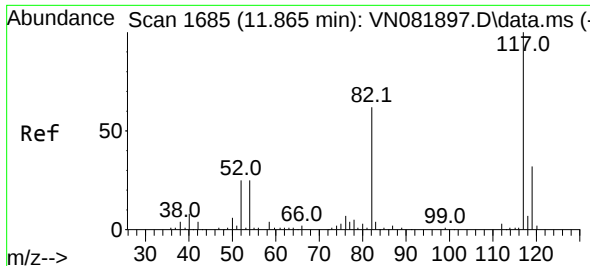
Delta R.T. -0.000 min

Lab File: VN081911.D

Acq: 29 Apr 2024 13:56

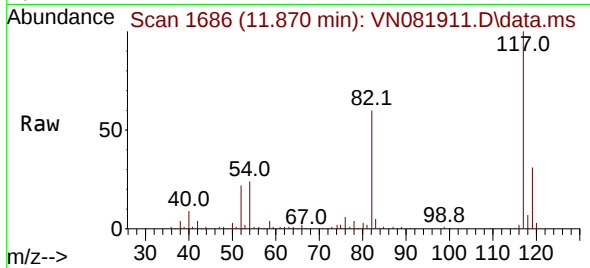
Tgt Ion:130	Resp: 1196
Ion Ratio	Lower Upper
130	100
95	95.0 80.2 120.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

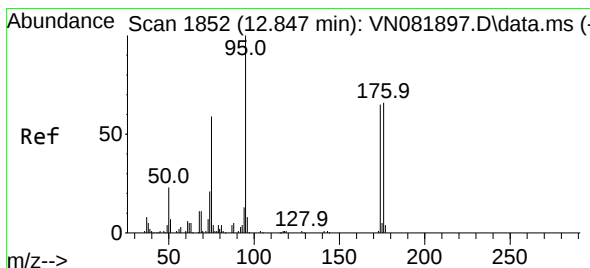
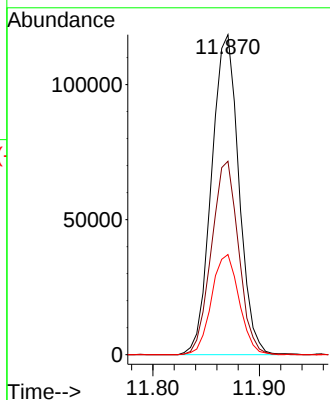
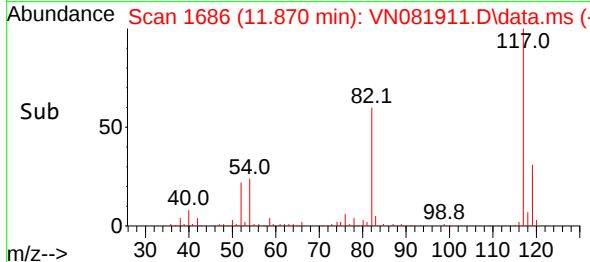
Instrument :
MSVOA_N
ClientSampleId :
240418099-02



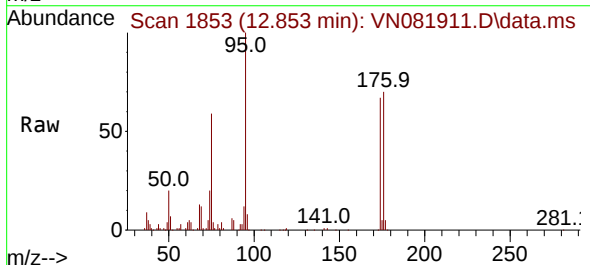
Tgt Ion:117 Resp: 211049
Ion Ratio Lower Upper
117 100
82 60.0 46.6 69.8
119 31.7 25.4 38.2

Manual Integrations
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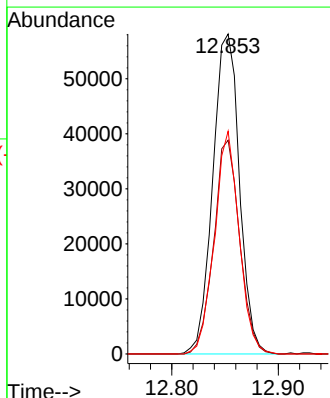
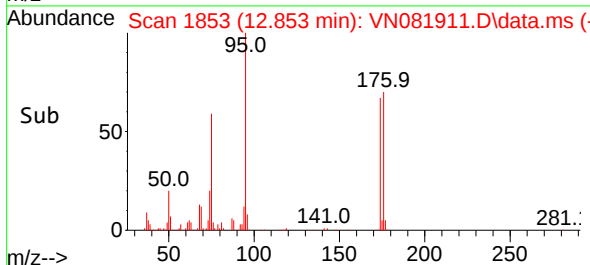
Reviewed By :John Carbone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

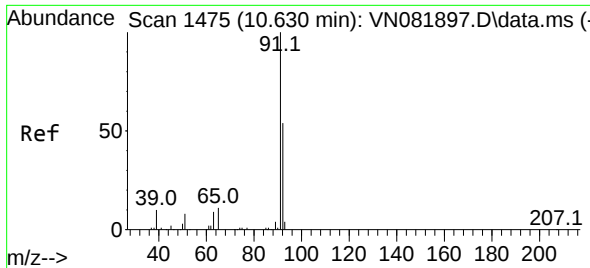


#60
4-Bromofluorobenzene
Concen: 28.763 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56



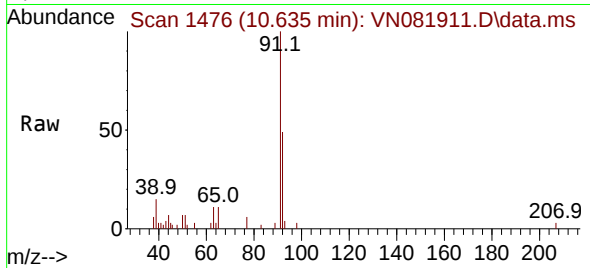
Tgt Ion: 95 Resp: 101024
Ion Ratio Lower Upper
95 100
174 64.9 60.5 90.7
176 64.1 57.8 86.6





#62
Toluene
Concen: 0.989 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56

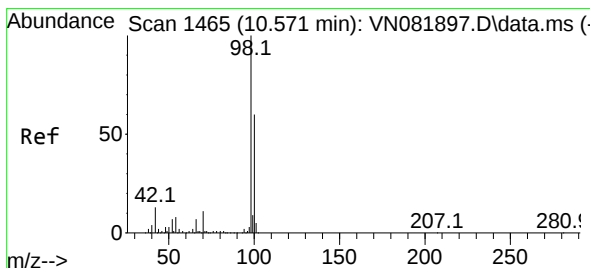
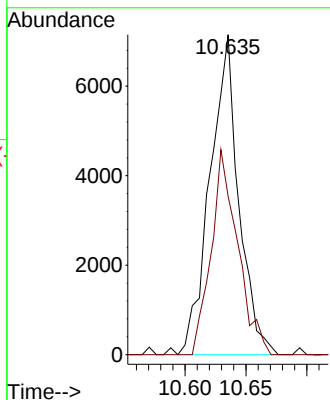
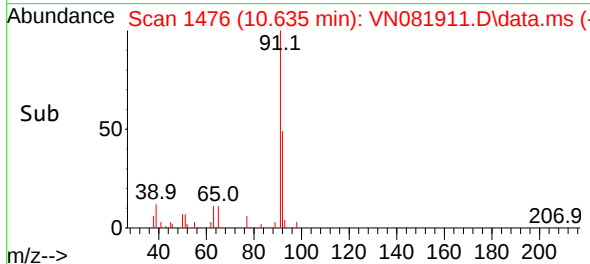
Instrument :
MSVOA_N
ClientSampleId :
240418099-02



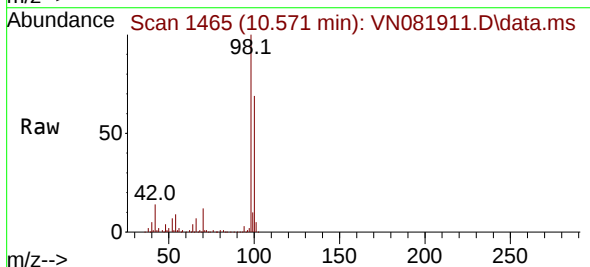
Tgt Ion: 91 Resp: 11740
Ion Ratio Lower Upper
91 100
92 59.2 46.5 69.7

Manual Integrations
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Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#63
Toluene-d8
Concen: 30.375 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081911.D
Acq: 29 Apr 2024 13:56



Tgt Ion: 98 Resp: 304442
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

