

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081914.D
 Acq On : 29 Apr 2024 15:08
 Operator : JC\MD
 Sample : P2291-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418098-02

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 04:38:26 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

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

Internal Standards						
1) Bromochloromethane	7.818	128	41849	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	250543	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	210691	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	104537	29.835	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.467%	
60) 4-Bromofluorobenzene	12.853	95	99589	28.402	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	94.667%	
63) Toluene-d8	10.570	98	306744	30.657	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.200%	
Target Compounds						
15) Acetone	4.424	58	19670m	60.138	ug/l	Qvalue
22) cis-1,2-Dichloroethene	7.488	96	3024	0.933	ug/l #	89
25) Chloroform	7.977	83	8677	1.717	ug/l	85
37) Trichloroethene	9.347	130	3071m	1.054	ug/l	
62) Toluene	10.635	91	12634	1.066	ug/l	94

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

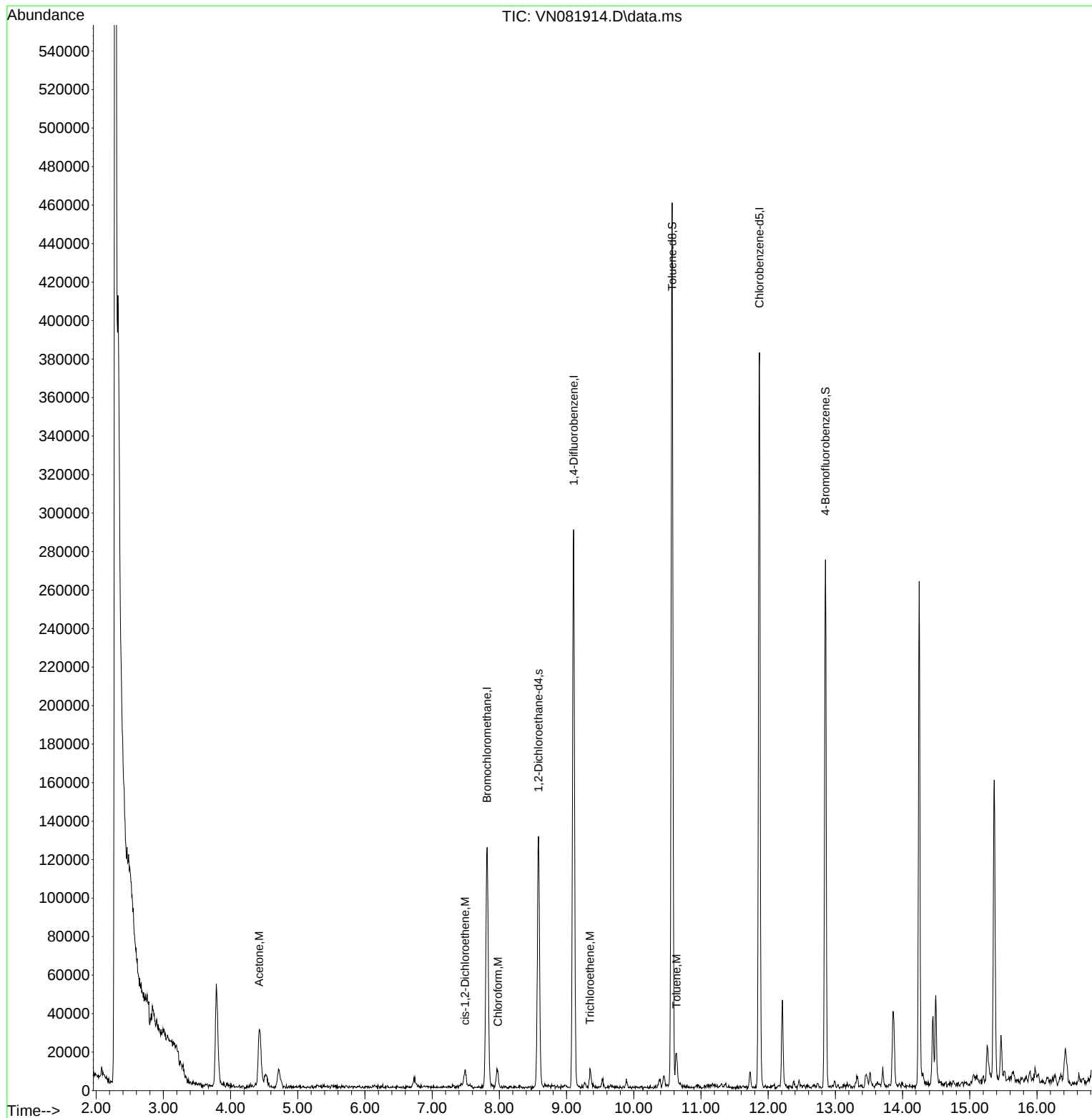
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
Data File : VN081914.D
Acq On : 29 Apr 2024 15:08
Operator : JC\MD
Sample : P2291-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

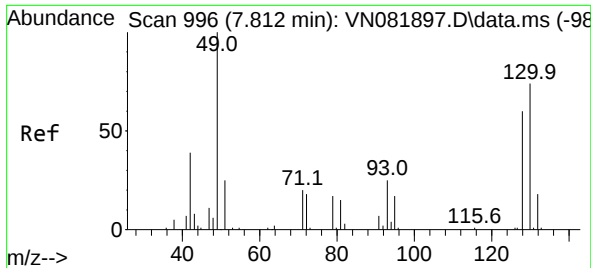
Instrument :
MSVOA_N
ClientSampleId :
240418098-02

Quant Time: Apr 30 04:38:26 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

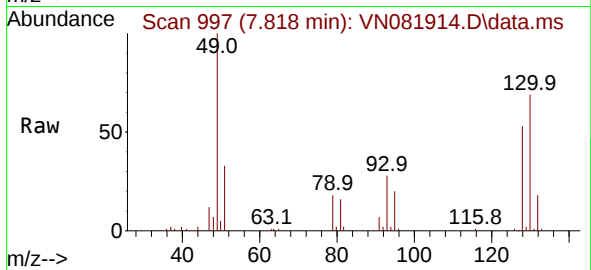
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08

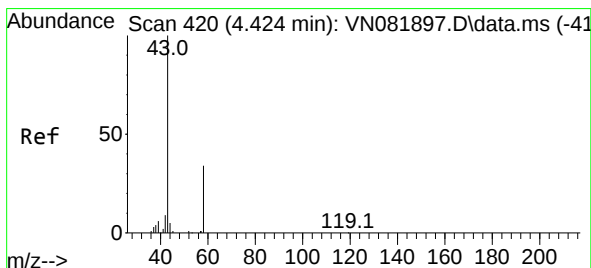
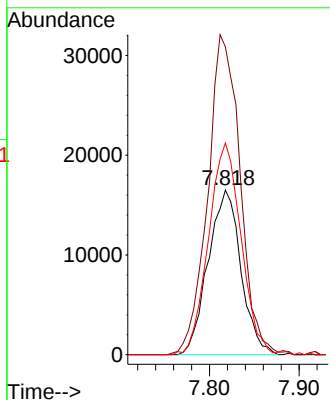
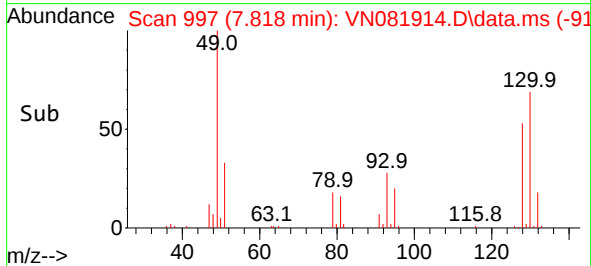
Instrument :
MSVOA_N
ClientSampleId :
240418098-02



Tgt Ion:128 Resp: 41849
Ion Ratio Lower Upper
128 100
49 191.5 0.0 403.7
130 127.5 0.0 323.3

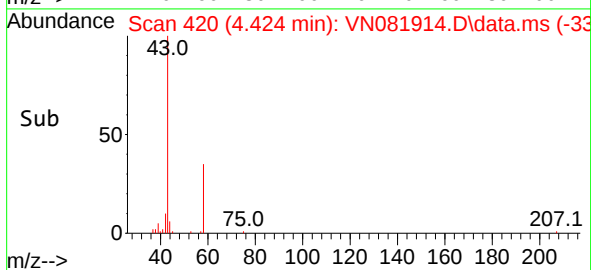
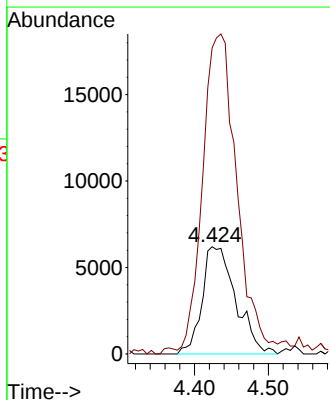
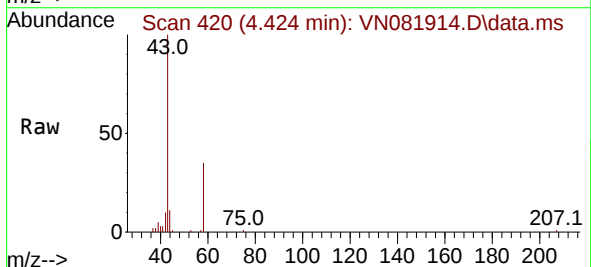
Manual Integrations
APPROVED

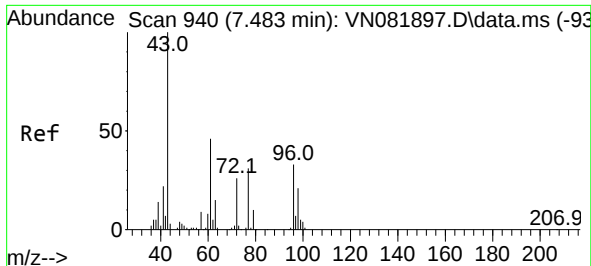
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#15
Acetone
Concen: 60.138 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08

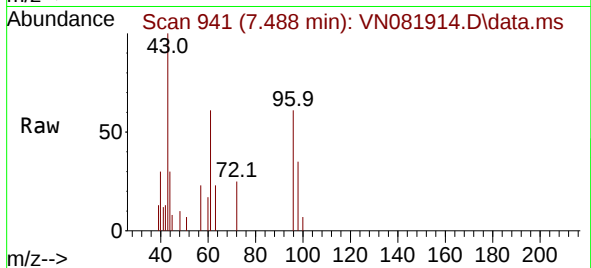
Tgt Ion: 58 Resp: 19670
Ion Ratio Lower Upper
58 100
43 285.4 223.1 334.7





#22
cis-1,2-Dichloroethene
Concen: 0.933 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08

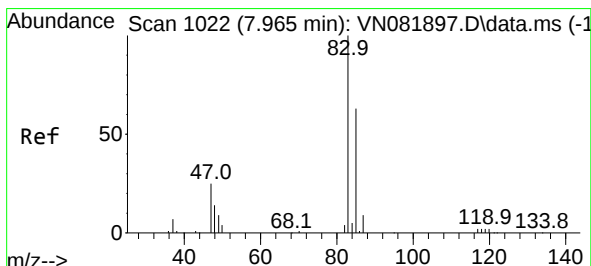
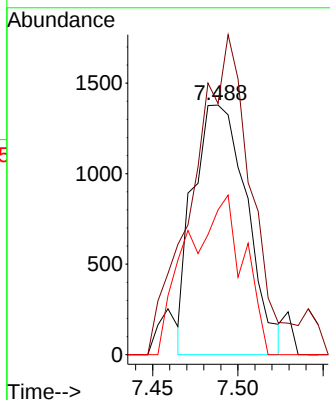
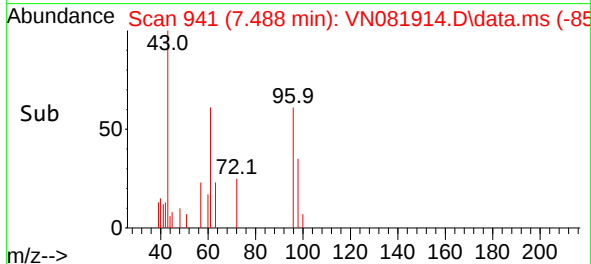
Instrument :
MSVOA_N
ClientSampleId :
240418098-02



Tgt Ion: 96 Resp: 3024
Ion Ratio Lower Upper
96 100
61 138.4 113.5 170.3
98 42.8 52.0 78.0

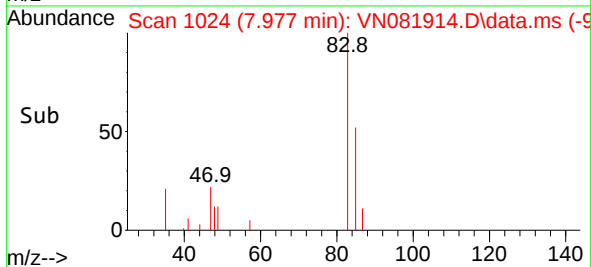
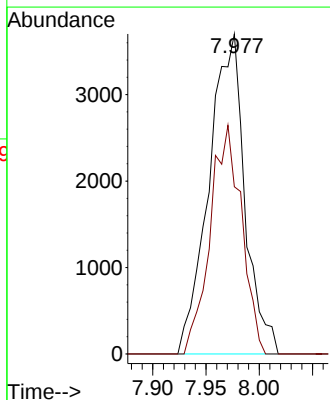
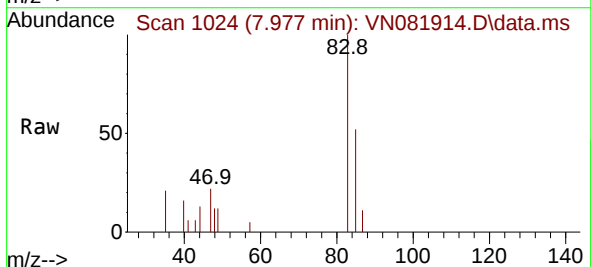
Manual Integrations
APPROVED

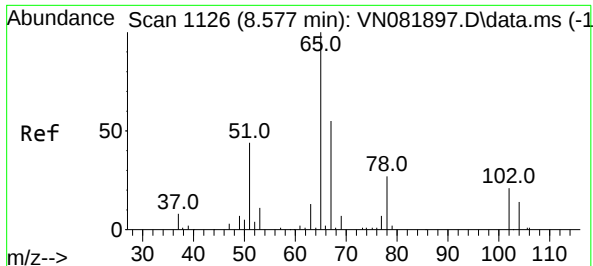
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#25
Chloroform
Concen: 1.717 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08

Tgt Ion: 83 Resp: 8677
Ion Ratio Lower Upper
83 100
85 52.2 50.9 76.3





#27
1,2-Dichloroethane-d4
Concen: 29.835 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

240418098-02

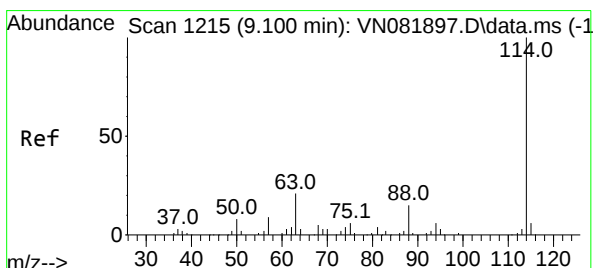
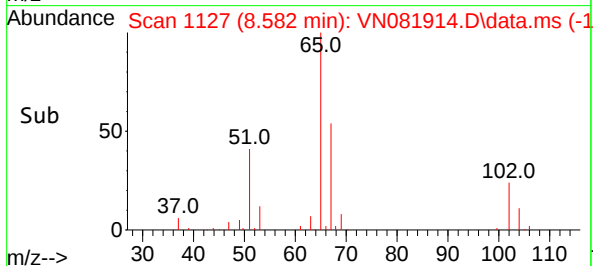
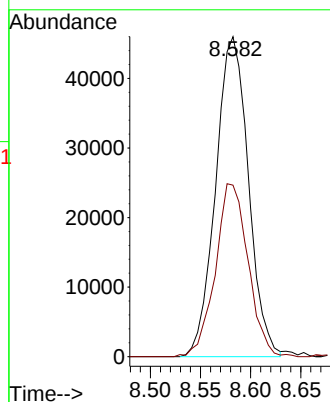
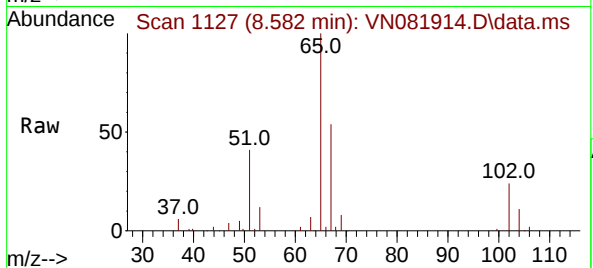
Tgt Ion: 65 Resp: 10453
Ion Ratio Lower Upper
65 100
67 53.7 43.2 64.8

Manual Integrations

APPROVED

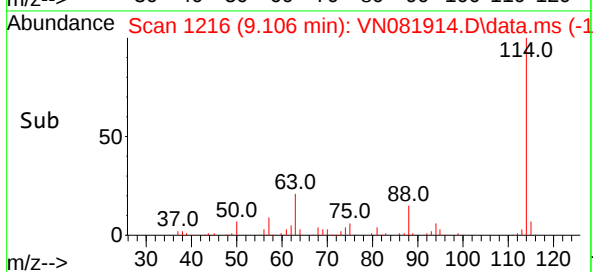
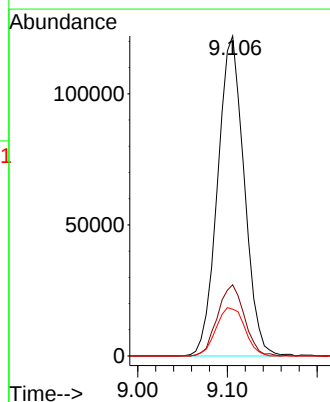
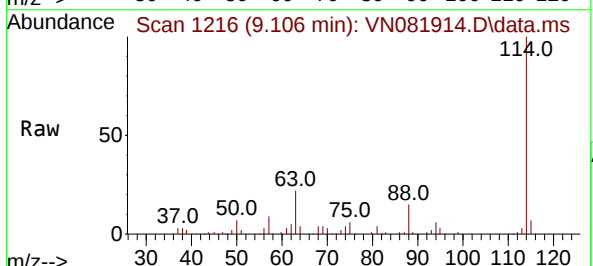
Reviewed By :John Carlone 04/30/2024

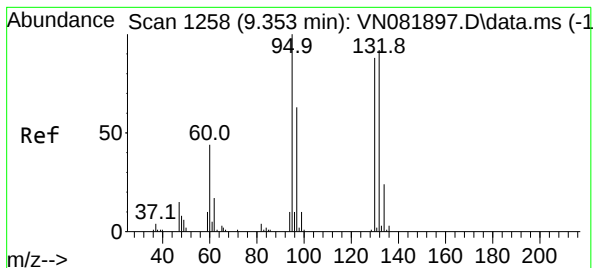
Supervised By :Mahesh Dadoda 04/30/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08

Tgt Ion:114 Resp: 250543
Ion Ratio Lower Upper
114 100
63 22.5 15.9 23.9
88 16.3 12.7 19.1





#37

Trichloroethene

Concen: 1.054 ug/l m

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN081914.D

Acq: 29 Apr 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

240418098-02

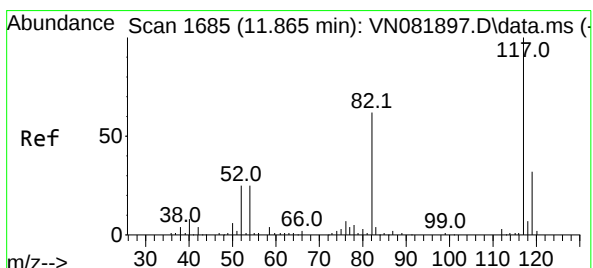
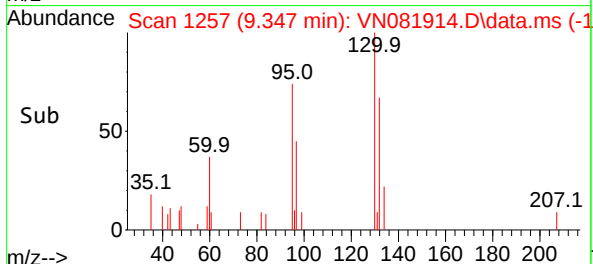
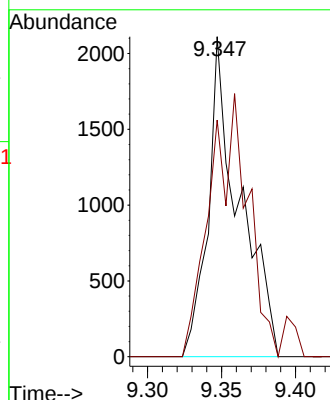
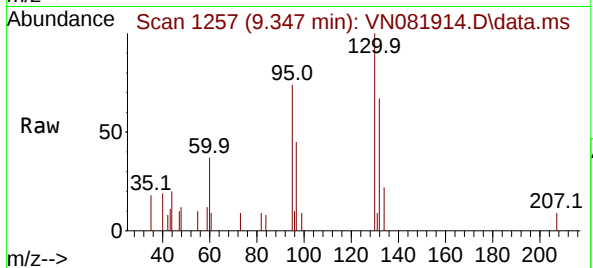
Tgt Ion:130 Resp: 307
 Ion Ratio Lower Upper
 130 100
 95 73.9 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

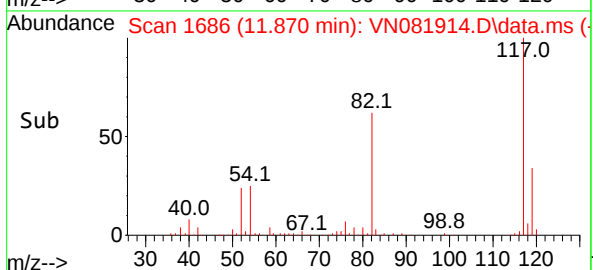
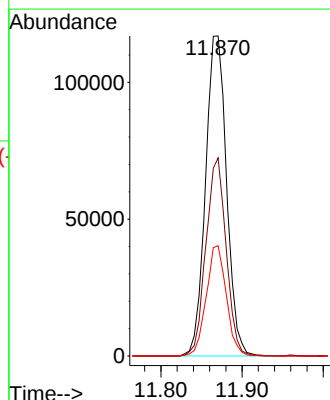
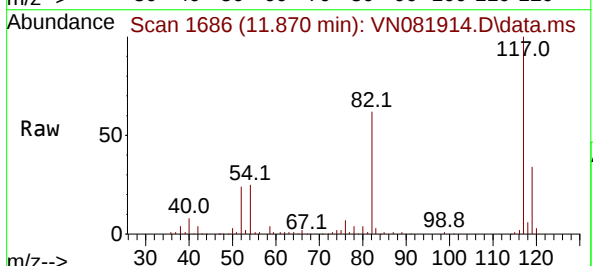
RT: 11.870 min Scan# 1686

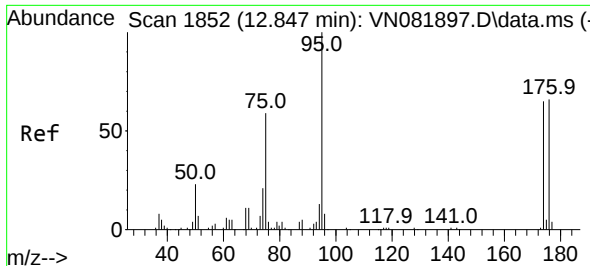
Delta R.T. 0.006 min

Lab File: VN081914.D

Acq: 29 Apr 2024 15:08

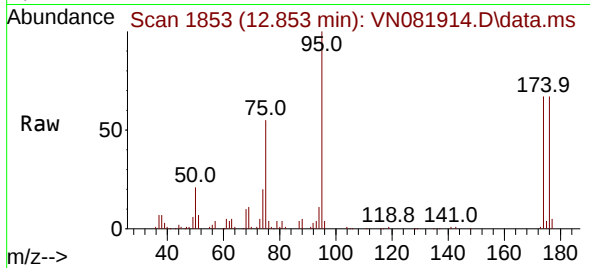
Tgt Ion:117 Resp: 210691
 Ion Ratio Lower Upper
 117 100
 82 59.4 46.6 69.8
 119 32.9 25.4 38.2





#60
4-Bromofluorobenzene
Concen: 28.402 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08

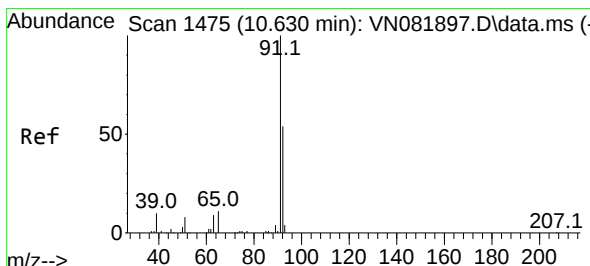
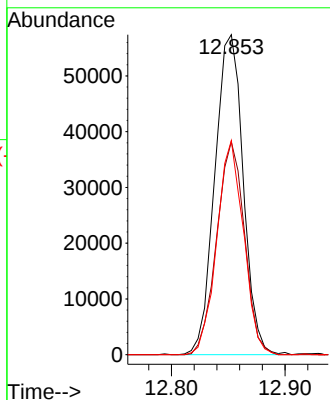
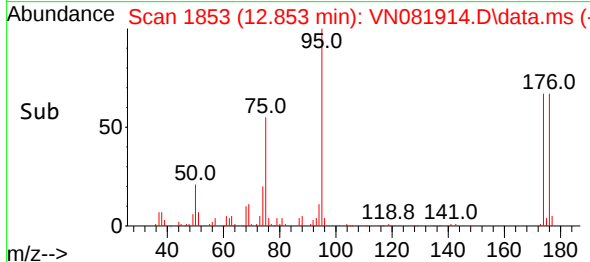
Instrument :
MSVOA_N
ClientSampleId :
240418098-02



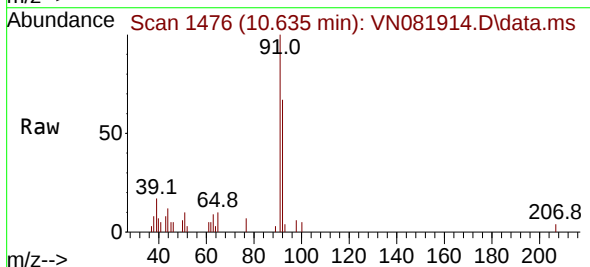
Tgt Ion: 95 Resp: 99589
Ion Ratio Lower Upper
95 100
174 65.2 60.5 90.7
176 63.0 57.8 86.6

Manual Integrations
APPROVED

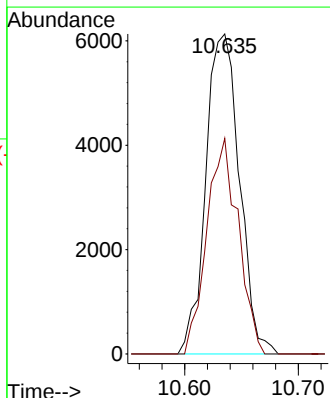
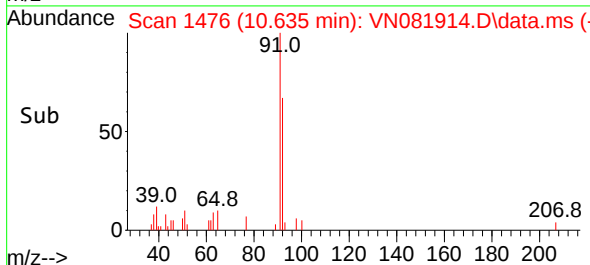
Reviewed By :John Carlone 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

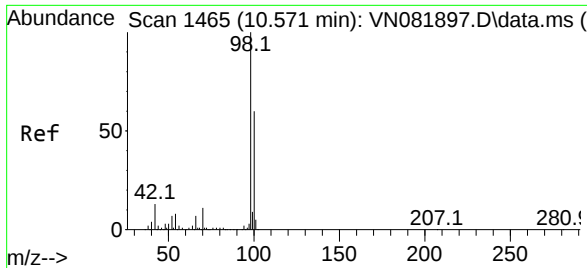


#62
Toluene
Concen: 1.066 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081914.D
Acq: 29 Apr 2024 15:08



Tgt Ion: 91 Resp: 12634
Ion Ratio Lower Upper
91 100
92 62.9 46.5 69.7





#63

Toluene-d8

Concen: 30.657 ug/l

RT: 10.570 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN081914.D

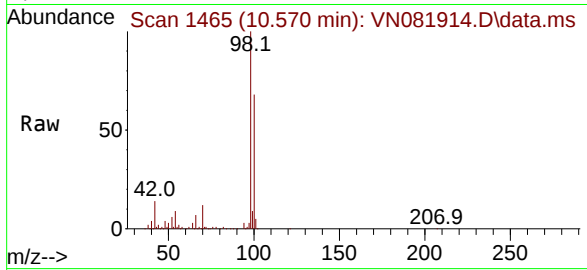
Acq: 29 Apr 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

240418098-02



Tgt Ion: 98 Resp: 306744

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024

