

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084013.D
 Acq On : 19 Sep 2024 05:45
 Operator : JC\MD
 Sample : P4087-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-614-COMP-03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 06:18:52 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	164299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129651	52.334	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.660%			
35) Dibromofluoromethane	8.165	113	89336	47.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.900%			
50) Toluene-d8	10.565	98	345470	53.638	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.847	95	127568	48.006	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.020%			
Target Compounds						
						Qvalue
16) Acetone	4.436	43	16058	16.169	ug/l	97
20) Methylene Chloride	5.277	84	5481	2.697	ug/l	93
25) 2-Butanone	7.488	43	8869	6.795	ug/l #	87
43) Isopropyl Acetate	8.688	43	205223m	44.492	ug/l	

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

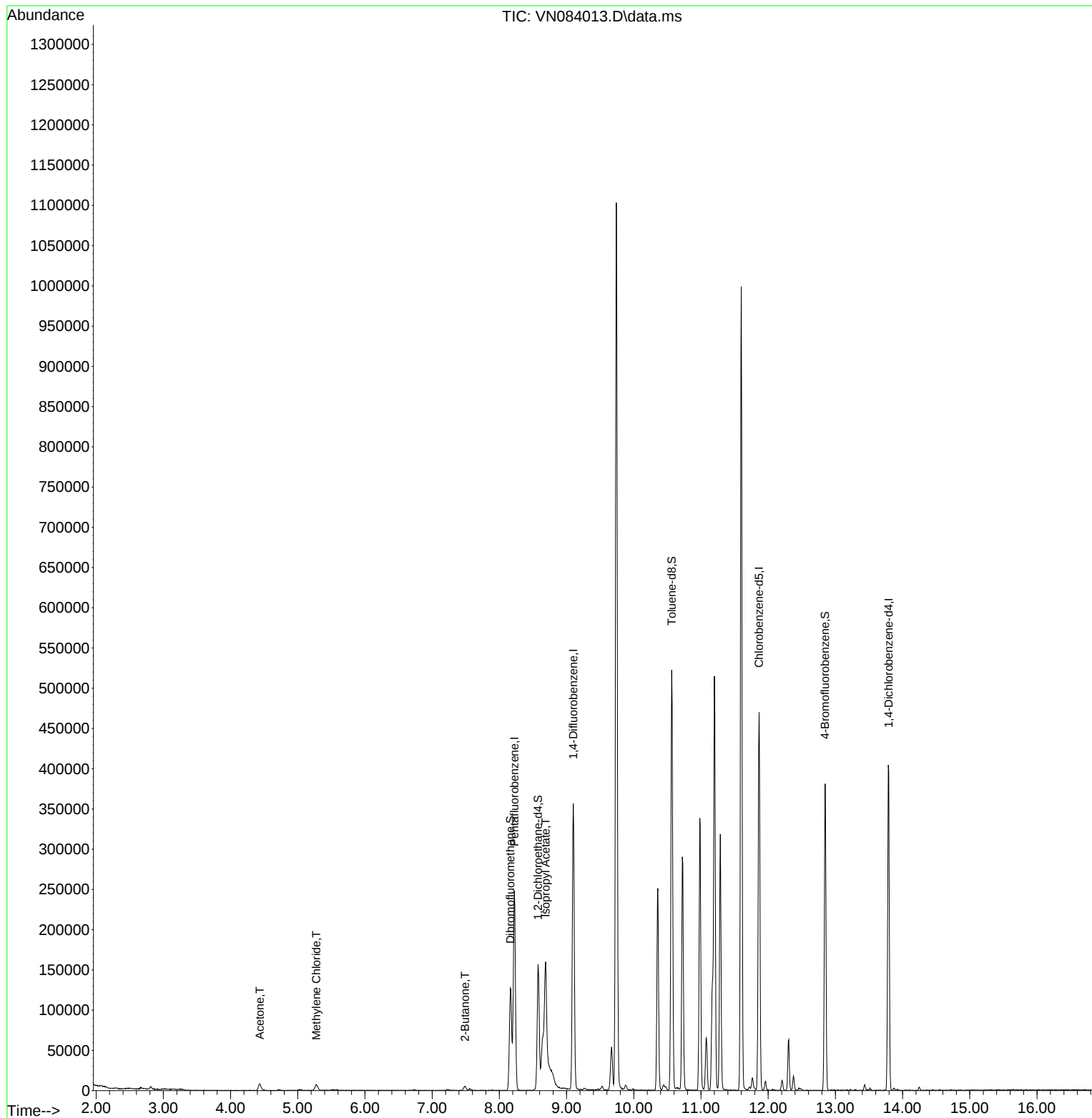
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
Data File : VN084013.D
Acq On : 19 Sep 2024 05:45
Operator : JC\MD
Sample : P4087-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

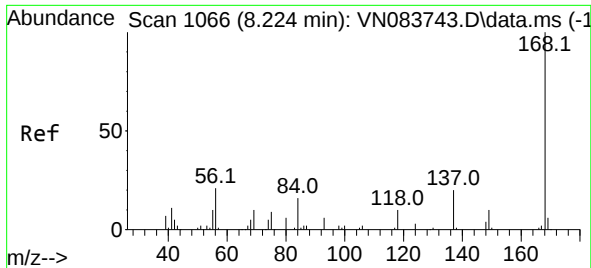
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-03

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

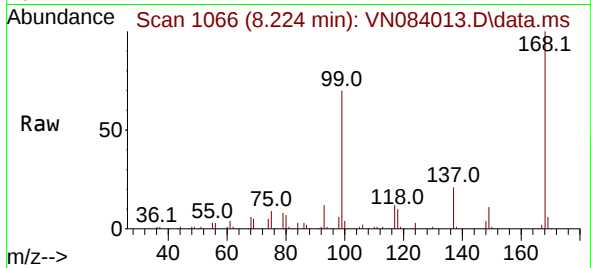
Quant Time: Sep 19 06:18:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45

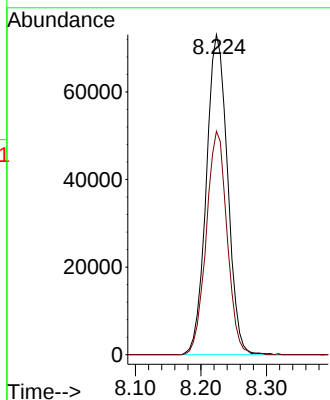
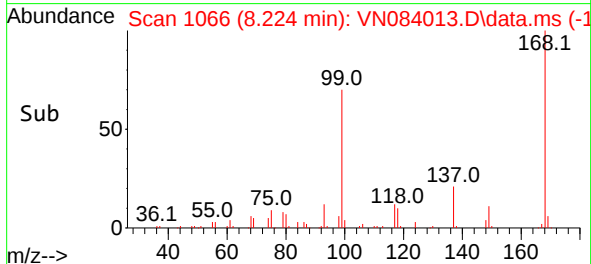
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-03



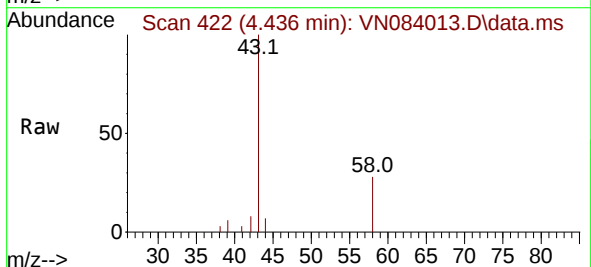
Tgt Ion:168 Resp: 164299
Ion Ratio Lower Upper
168 100
99 69.8 54.2 81.2

Manual Integrations
APPROVED

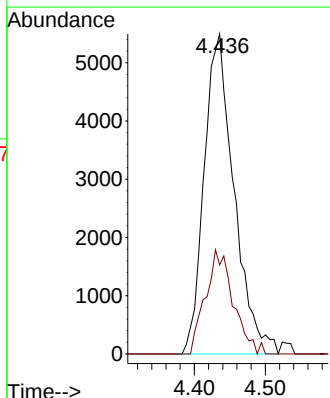
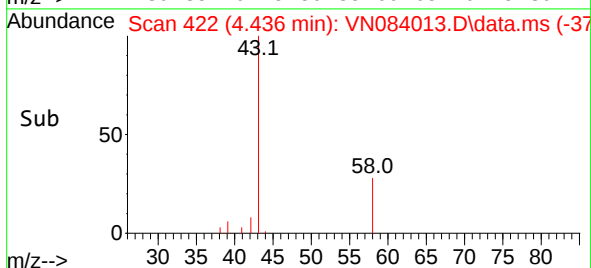
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

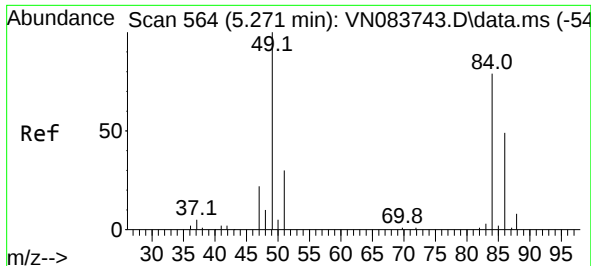


#16
Acetone
Concen: 16.169 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45



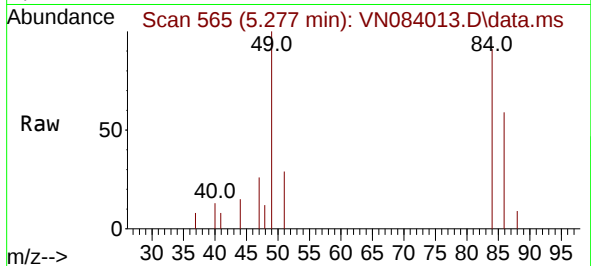
Tgt Ion: 43 Resp: 16058
Ion Ratio Lower Upper
43 100
58 27.8 23.7 35.5





#20
Methylene Chloride
Concen: 2.697 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45

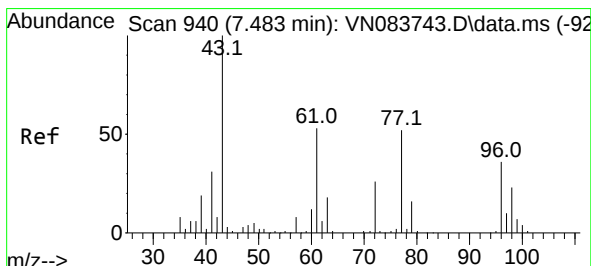
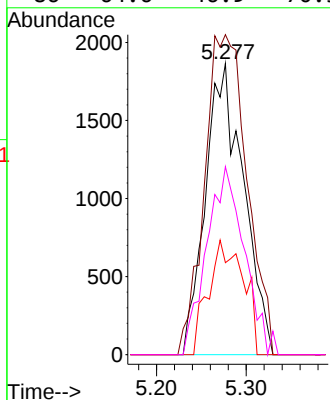
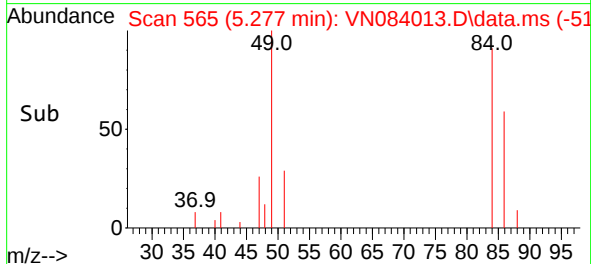
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-03



Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.9	93.4	140.0
51	31.6	29.2	43.8
86	64.6	46.9	70.3

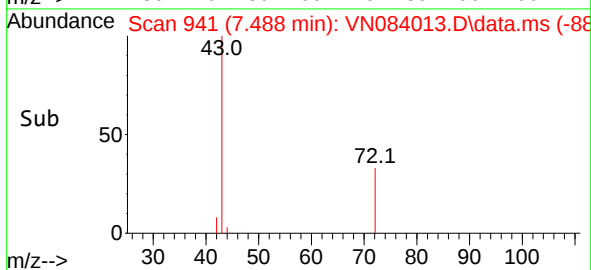
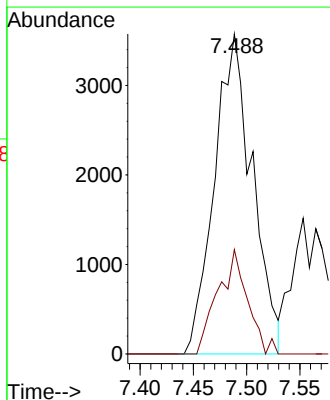
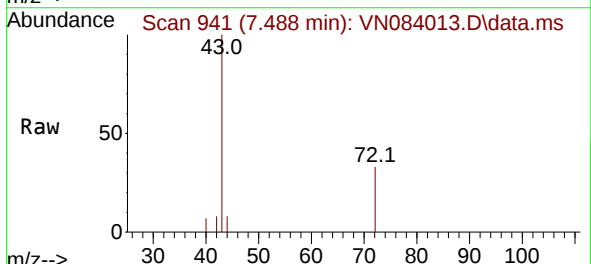
Manual Integrations
APPROVED

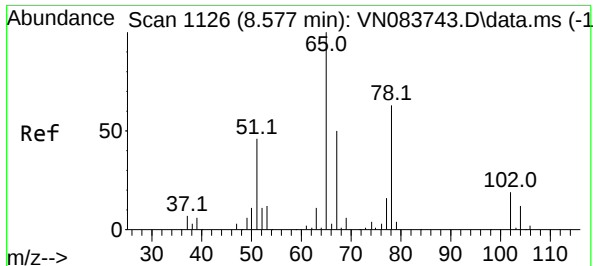
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#25
2-Butanone
Concen: 6.795 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45

Tgt Ion	Ratio	Lower	Upper
43	100		
72	32.6	20.8	31.2





#33

1,2-Dichloroethane-d4

Concen: 52.334 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084013.D

Acq: 19 Sep 2024 05:45

Instrument :

MSVOA_N

ClientSampleId :

NB-614-COMP-03

Tgt Ion: 65 Resp: 12965

Ion Ratio Lower Upper

65 100

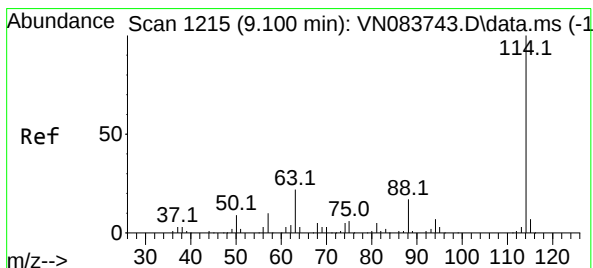
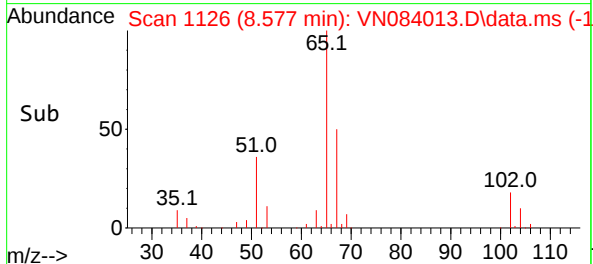
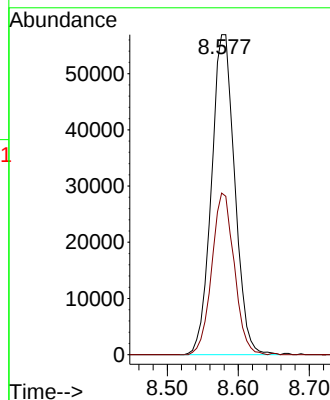
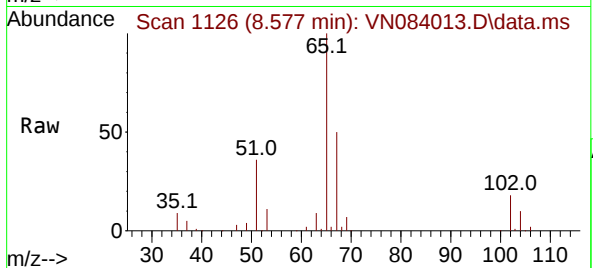
67 48.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084013.D

Acq: 19 Sep 2024 05:45

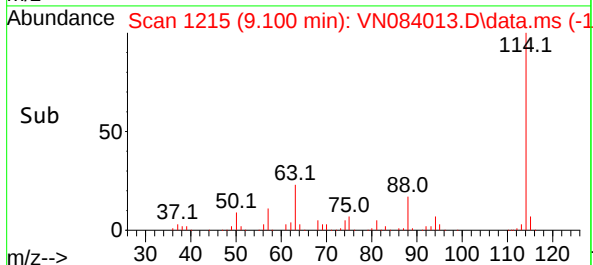
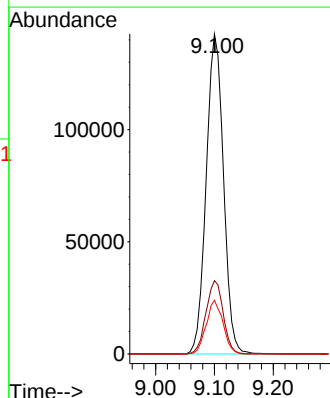
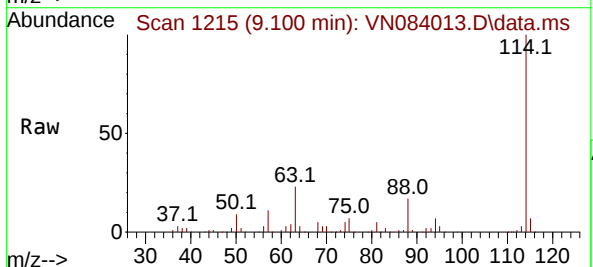
Tgt Ion:114 Resp: 291022

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.951 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084013.D

Acq: 19 Sep 2024 05:45

Instrument :

MSVOA_N

ClientSampleId :

NB-614-COMP-03

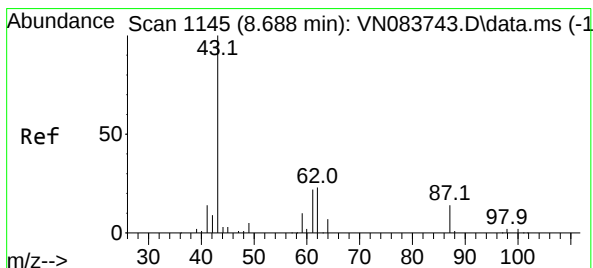
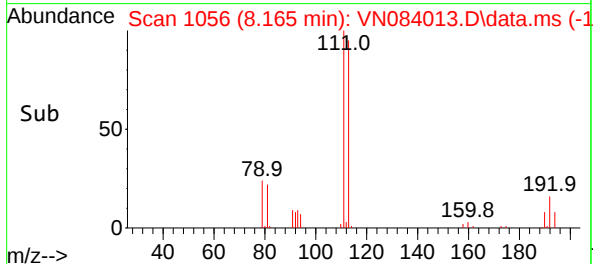
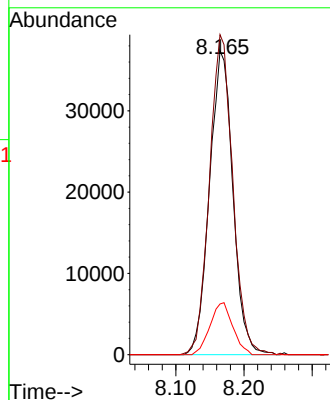
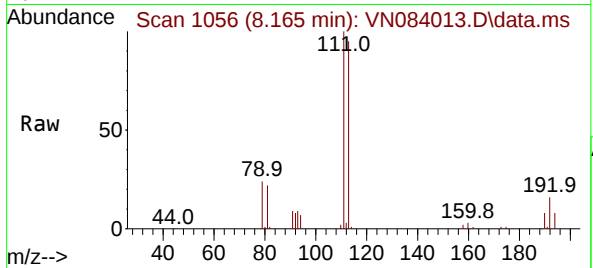
Tgt Ion:	113	Resp:	89330
Ion Ratio	Lower	Upper	
113	100		
111	104.8	82.6	124.0
192	16.7	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#43

Isopropyl Acetate

Concen: 44.492 ug/l m

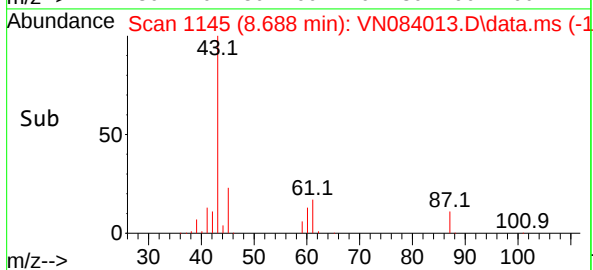
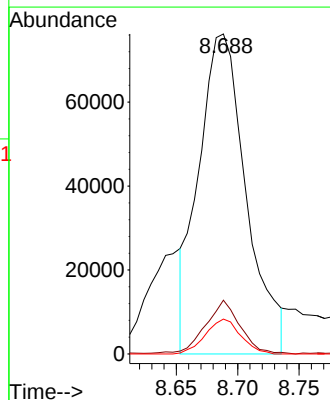
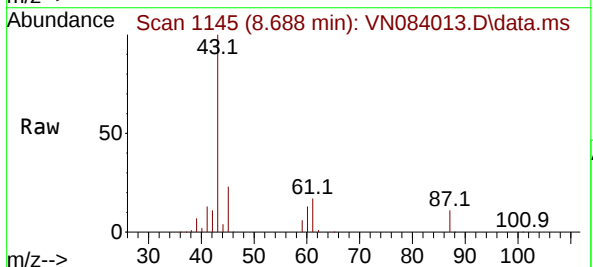
RT: 8.688 min Scan# 1145

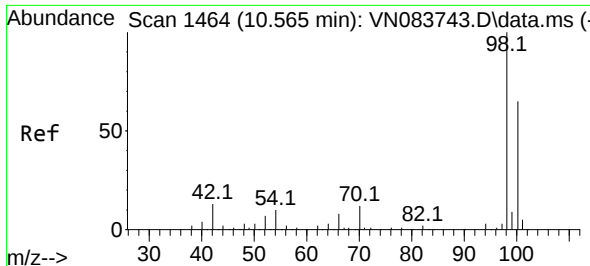
Delta R.T. -0.000 min

Lab File: VN084013.D

Acq: 19 Sep 2024 05:45

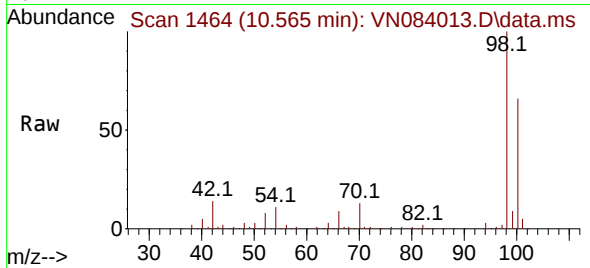
Tgt Ion:	43	Resp:	205223
Ion Ratio	Lower	Upper	
43	100		
61	12.4	19.4	29.0#
87	8.1	9.8	14.6#





#50
Toluene-d8
Concen: 53.638 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45

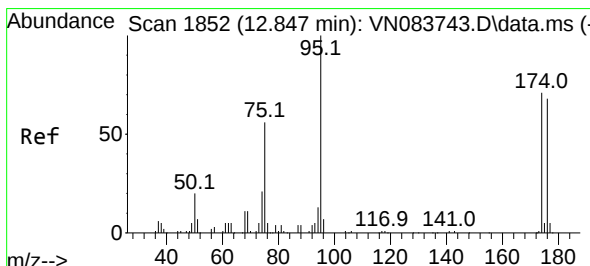
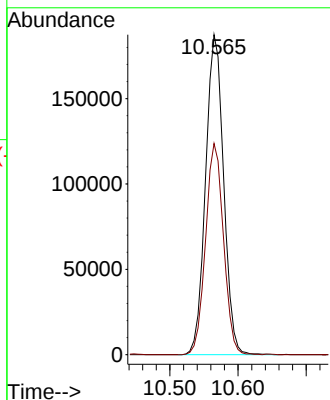
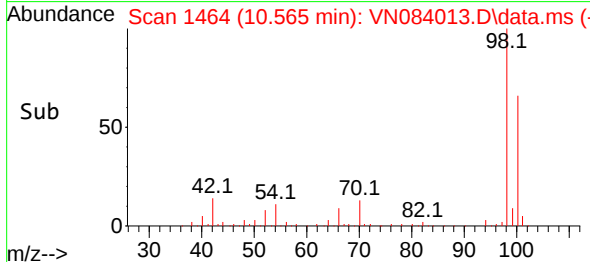
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-03



Tgt Ion: 98 Resp: 345470
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

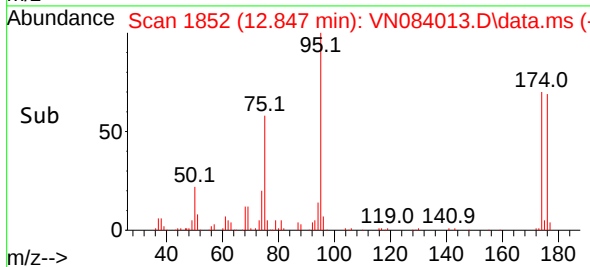
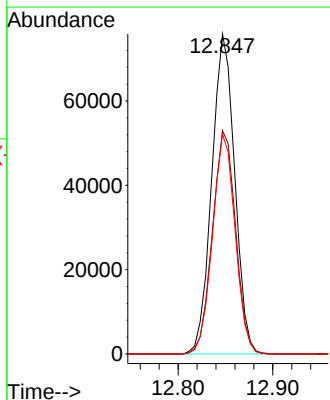
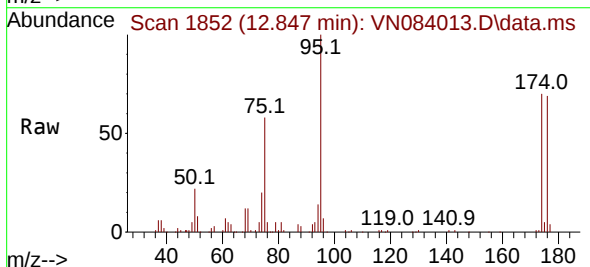
Manual Integrations
APPROVED

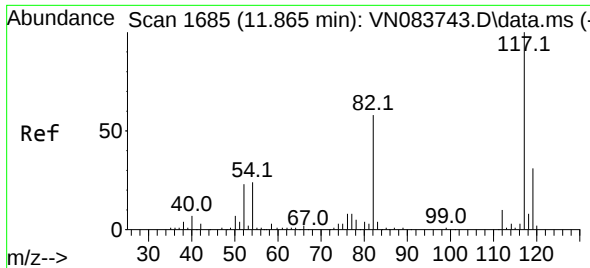
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45

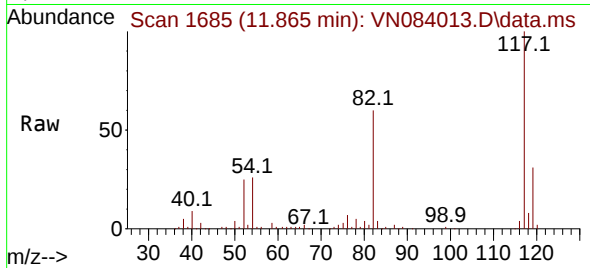
Tgt Ion: 95 Resp: 127568
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 67.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45

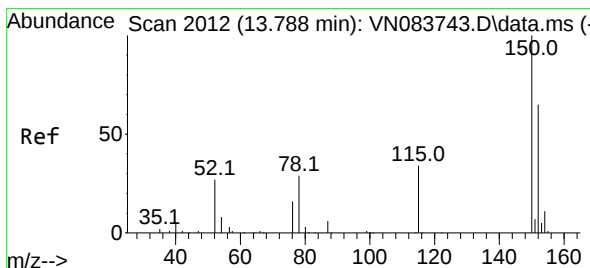
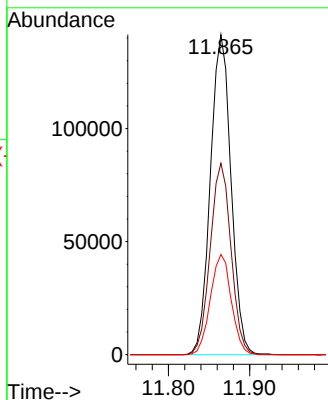
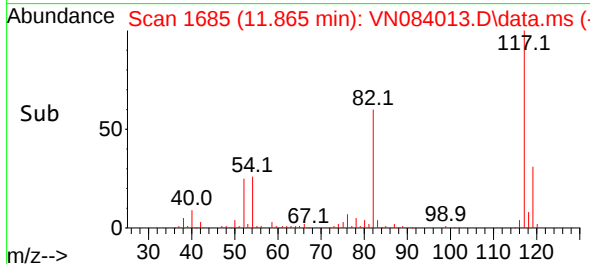
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-03



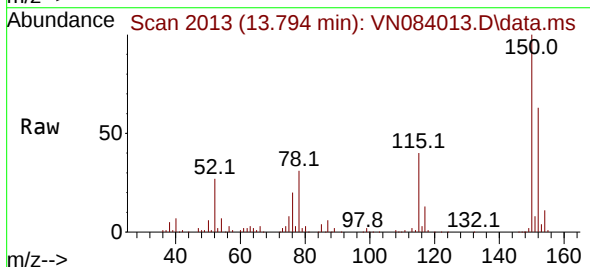
Tgt Ion:117 Resp: 24976
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 31.3 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084013.D
Acq: 19 Sep 2024 05:45



Tgt Ion:152 Resp: 101298
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 158.4 0.0 348.6

