

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084016.D
 Acq On : 19 Sep 2024 06:57
 Operator : JC\MD
 Sample : P4087-32
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-614-COMP-06

Manual Integrations
 APPROVED

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

Quant Time: Sep 19 07:38:35 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	167810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130089	51.412	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
35) Dibromofluoromethane	8.165	113	89393	48.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.360%			
50) Toluene-d8	10.565	98	347218	54.137	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.280%			
62) 4-Bromofluorobenzene	12.847	95	128067	48.398	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.800%			
Target Compounds						
16) Acetone	4.430	43	16499	16.266	ug/l	91
20) Methylene Chloride	5.271	84	5320	2.563	ug/l #	85
25) 2-Butanone	7.488	43	9157	6.868	ug/l	99
43) Isopropyl Acetate	8.688	43	243021m	52.909	ug/l	

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

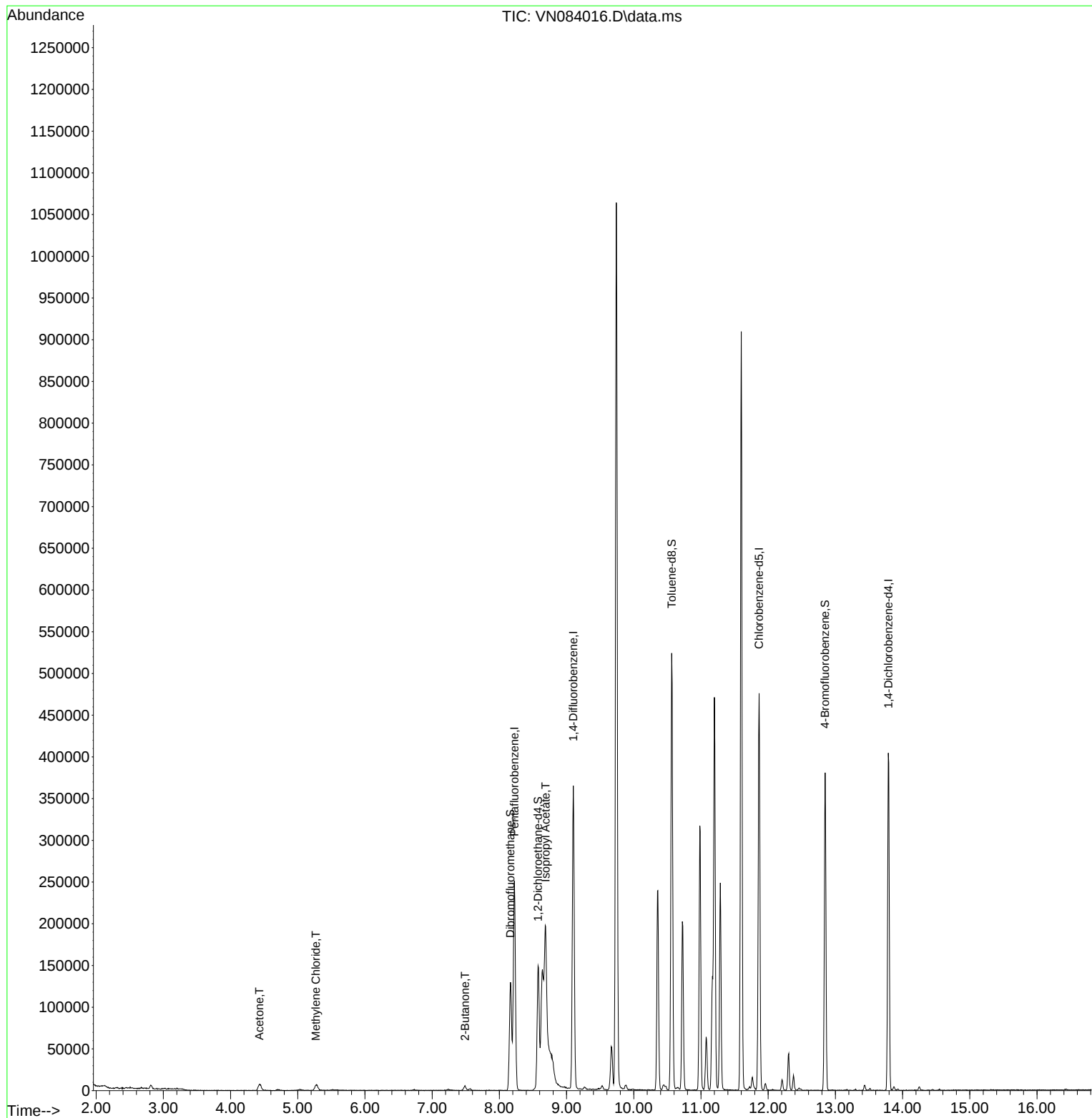
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
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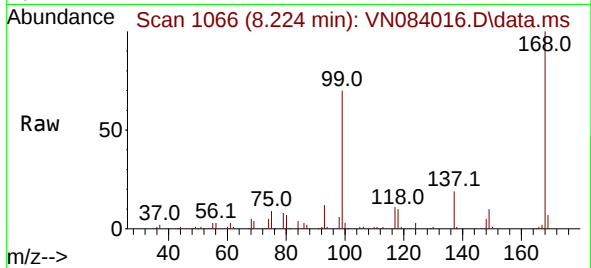
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57

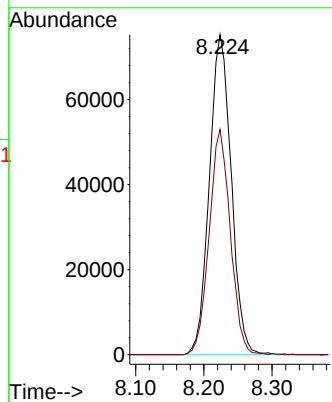
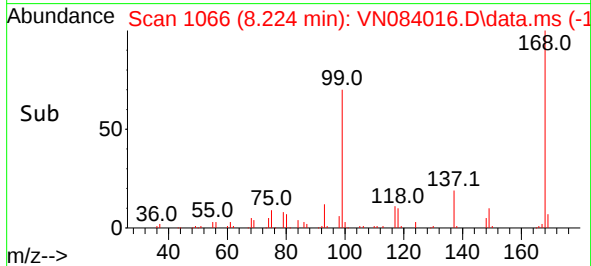
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-06



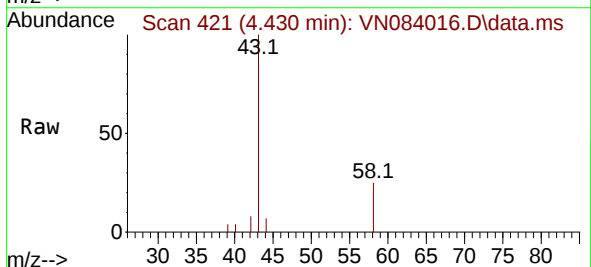
Tgt Ion:168 Resp: 167810
Ion Ratio Lower Upper
168 100
99 70.4 54.2 81.2

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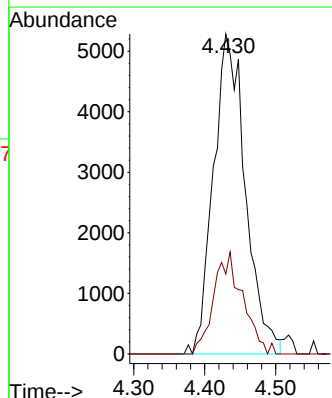
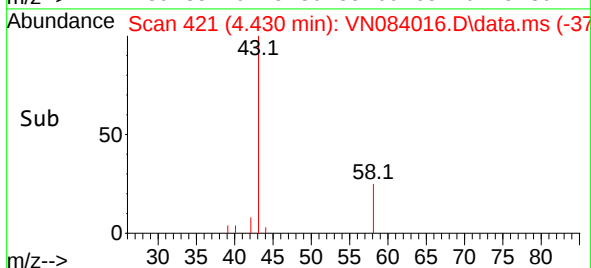
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

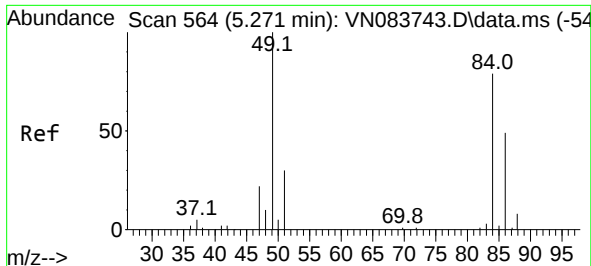


#16
Acetone
Concen: 16.266 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57



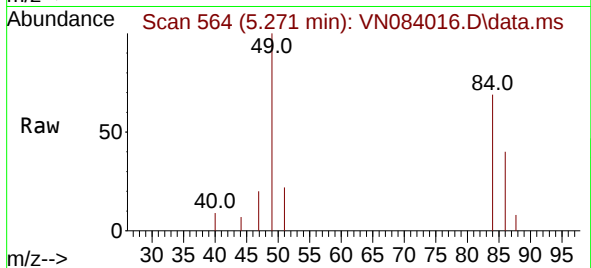
Tgt Ion: 43 Resp: 16499
Ion Ratio Lower Upper
43 100
58 24.9 23.7 35.5





#20
Methylene Chloride
Concen: 2.563 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57

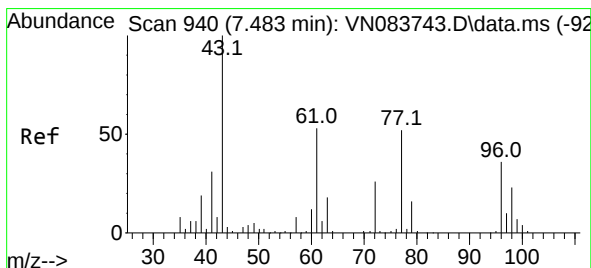
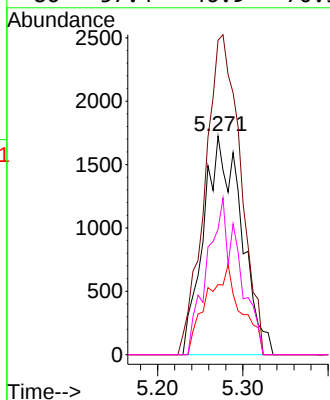
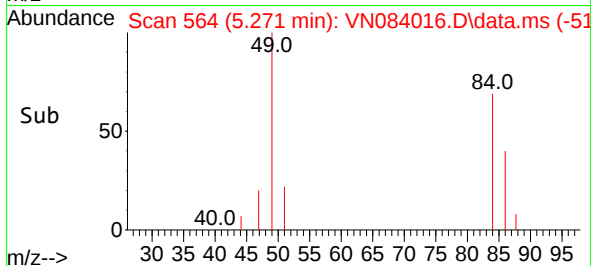
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-06



Tgt Ion:	84	Resp:	5320
Ion	Ratio	Lower	Upper
84	100		
49	143.9	93.4	140.0
51	32.1	29.2	43.8
86	57.4	46.9	70.3

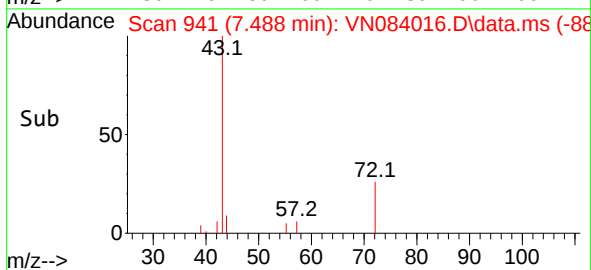
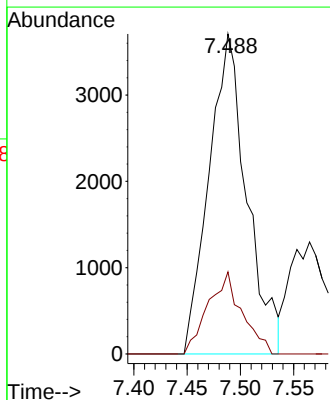
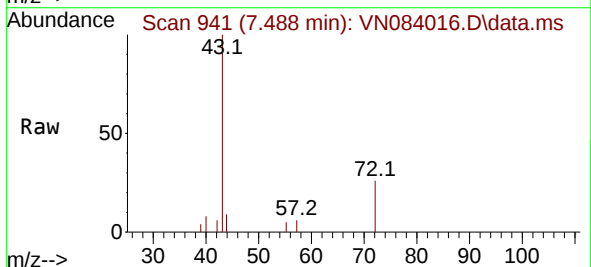
Manual Integrations
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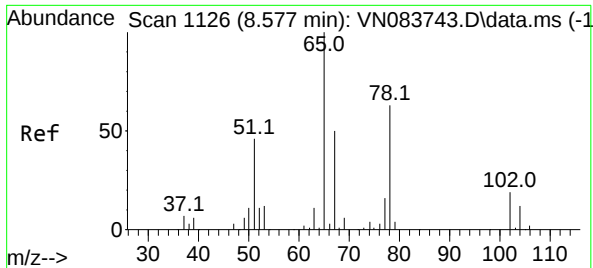
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#25
2-Butanone
Concen: 6.868 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57

Tgt Ion:	43	Resp:	9157
Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.8	31.2





#33

1,2-Dichloroethane-d4

Concen: 51.412 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084016.D

Acq: 19 Sep 2024 06:57

Instrument :

MSVOA_N

ClientSampleId :

NB-614-COMP-06

Tgt Ion: 65 Resp: 130089

Ion Ratio Lower Upper

65 100

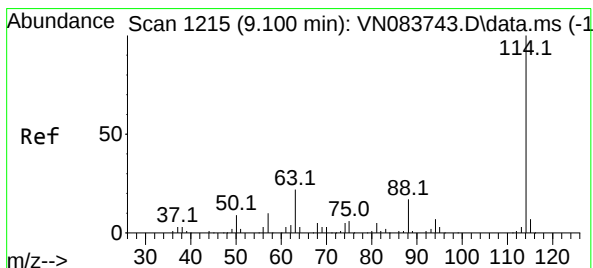
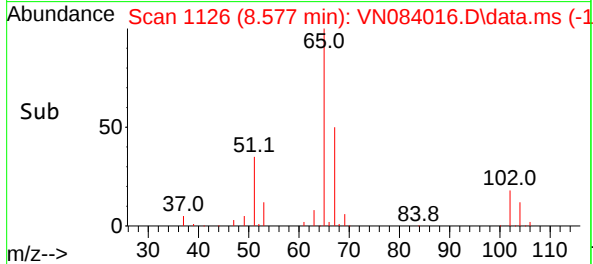
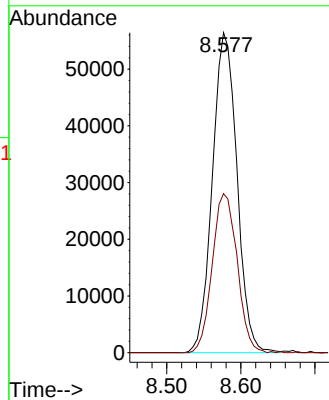
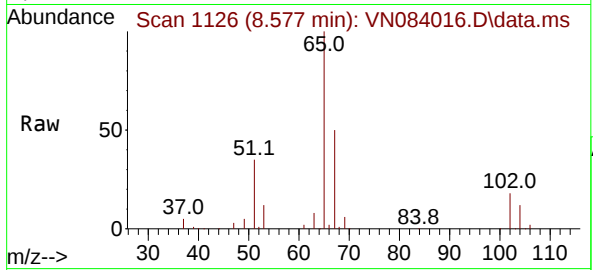
67 50.3 0.0 100.8

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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: VN084016.D

Acq: 19 Sep 2024 06:57

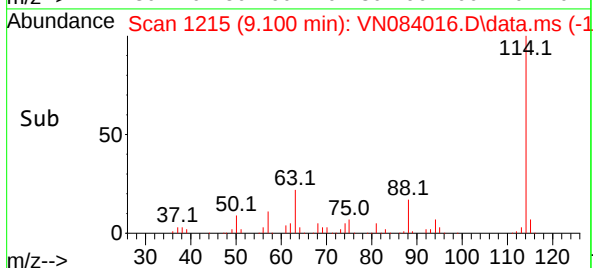
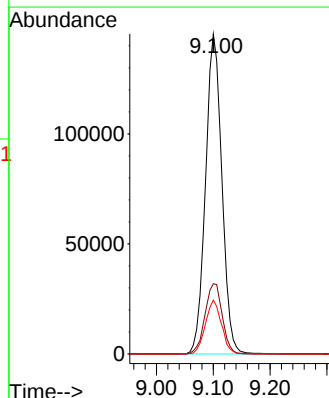
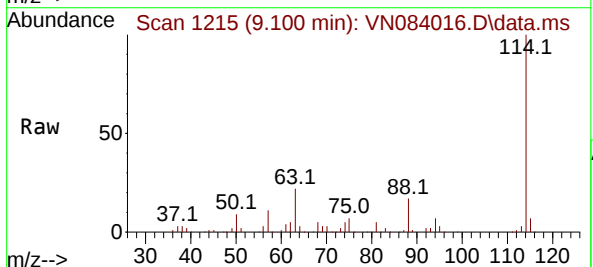
Tgt Ion:114 Resp: 289798

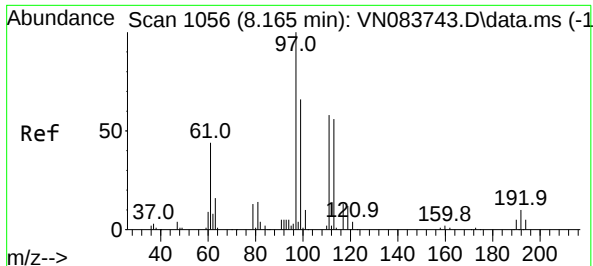
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.184 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084016.D

Acq: 19 Sep 2024 06:57

Instrument :

MSVOA_N

ClientSampleId :

NB-614-COMP-06

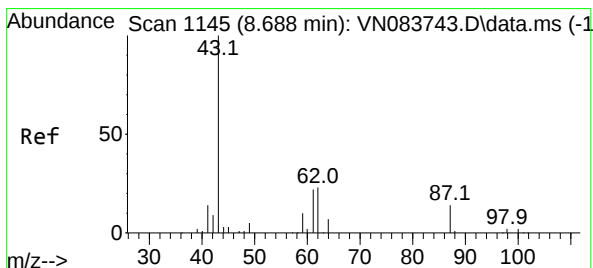
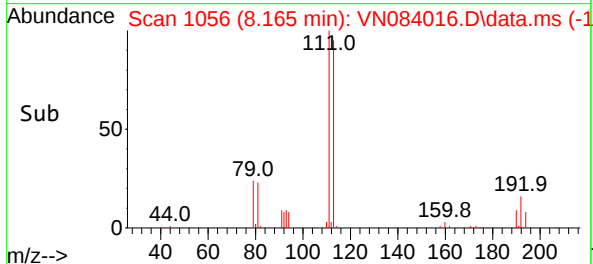
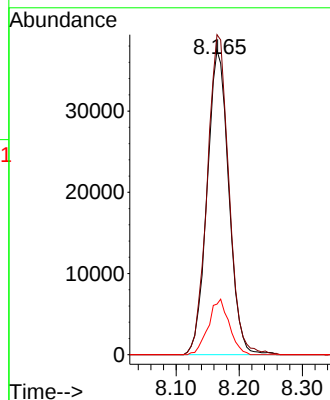
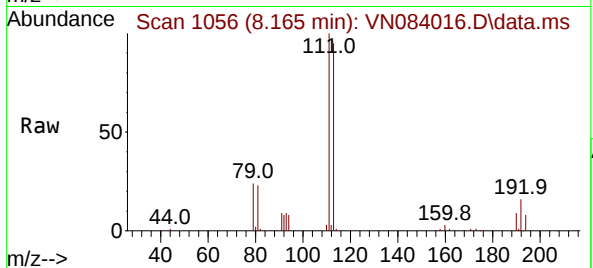
Tgt Ion:	113	Resp:	8939
Ion Ratio	Lower	Upper	
113	100		
111	105.1	82.6	124.0
192	17.5	14.3	21.5

Manual Integrations

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Reviewed By :John Carlone 09/19/2024

Supervised By :Mahesh Dadoda 09/19/2024



#43

Isopropyl Acetate

Concen: 52.909 ug/l m

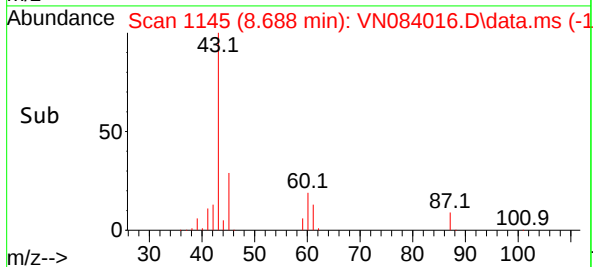
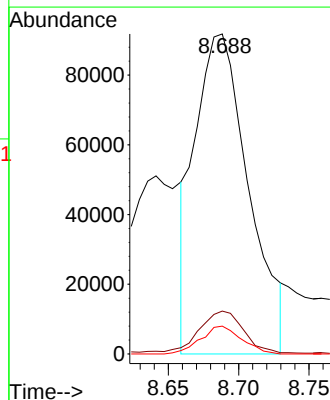
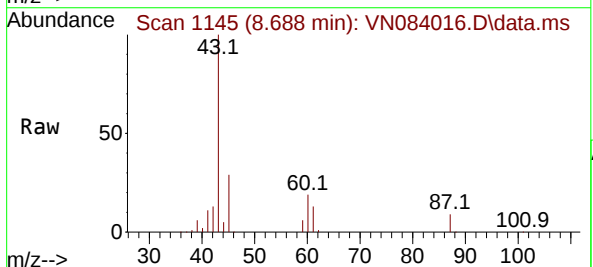
RT: 8.688 min Scan# 1145

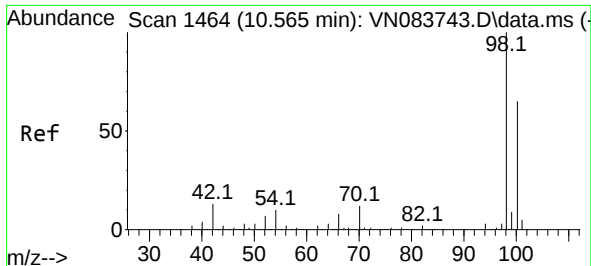
Delta R.T. -0.000 min

Lab File: VN084016.D

Acq: 19 Sep 2024 06:57

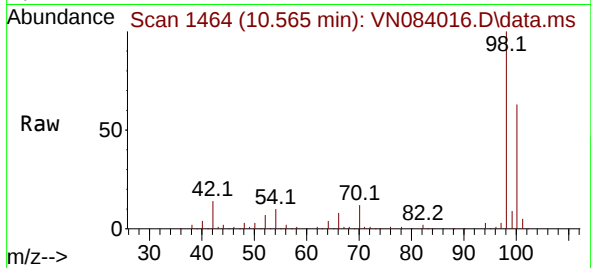
Tgt Ion:	43	Resp:	243021
Ion Ratio	Lower	Upper	
43	100		
61	11.4	19.4	29.0#
87	6.6	9.8	14.6#





#50
Toluene-d8
Concen: 54.137 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57

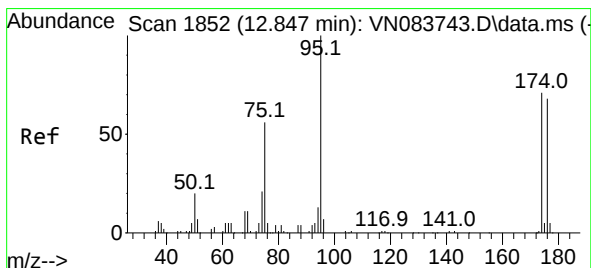
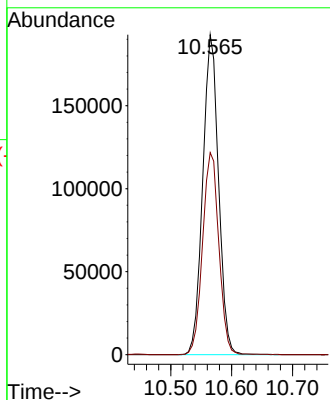
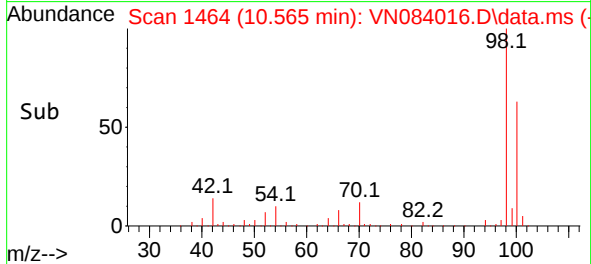
Instrument :
MSVOA_N
ClientSampleId :
NB-614-COMP-06



Tgt Ion: 98 Resp: 347218
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

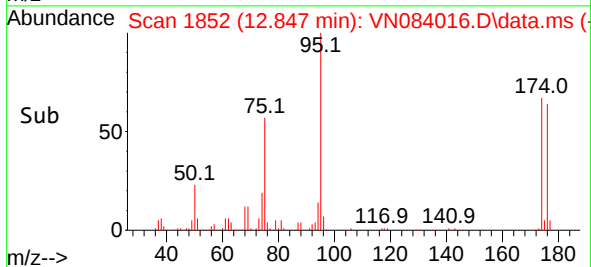
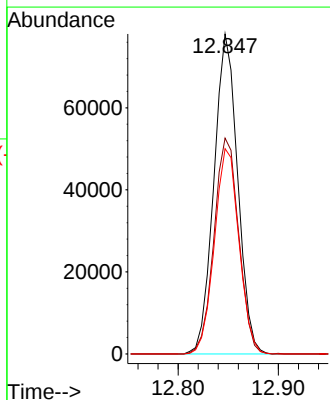
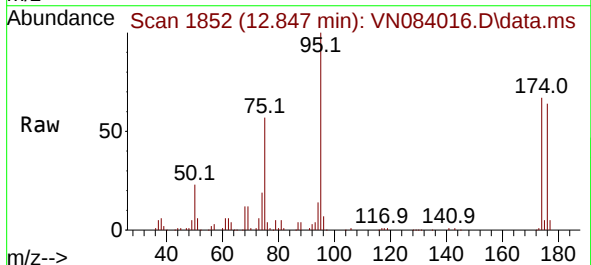
Manual Integrations
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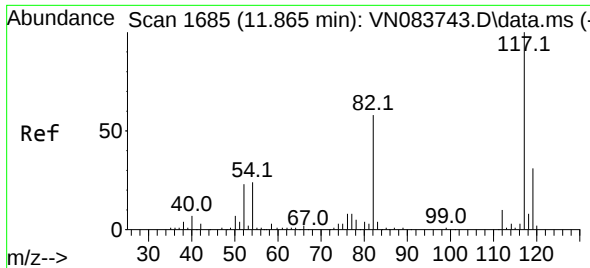
Reviewed By :John Carlone 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#62
4-Bromofluorobenzene
Concen: 48.398 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57

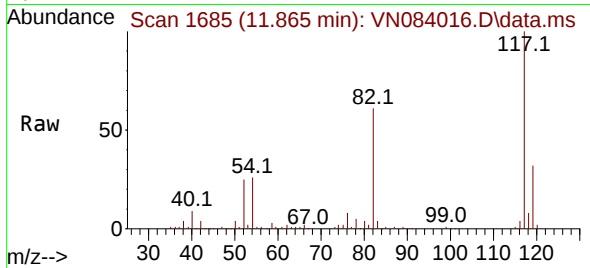
Tgt Ion: 95 Resp: 128067
Ion Ratio Lower Upper
95 100
174 70.0 0.0 139.8
176 66.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57

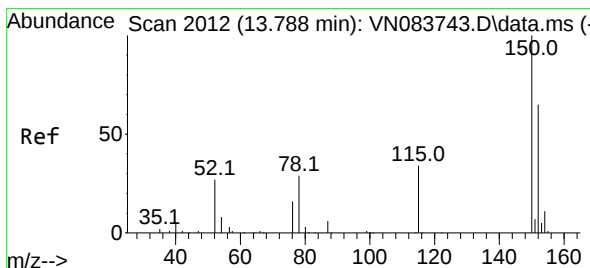
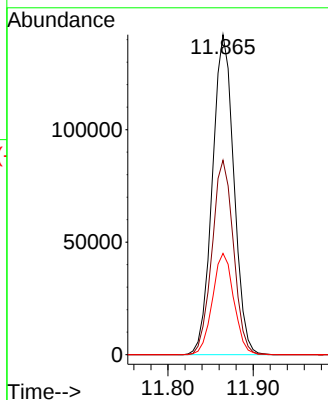
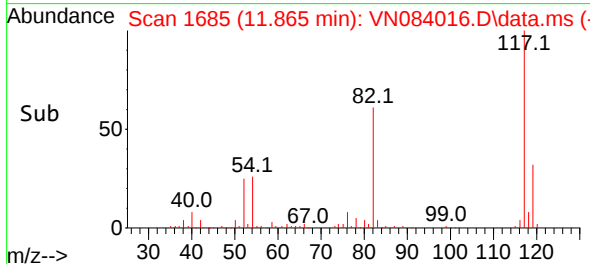
Instrument :
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NB-614-COMP-06



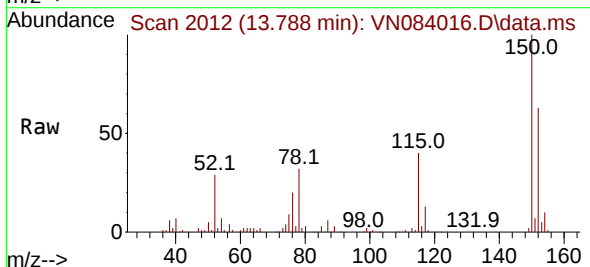
Tgt Ion:117 Resp: 24957
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 31.7 26.3 39.5

Manual Integrations
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Supervised By :Mahesh Dadoda 09/19/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084016.D
Acq: 19 Sep 2024 06:57



Tgt Ion:152 Resp: 100841
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 159.9 0.0 348.6

