

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082055.D
 Acq On : 09 May 2024 16:58
 Operator : JC\MD
 Sample : PB160759TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2024
 Supervised By : Mahesh Dadoda 05/10/2024

Quant Time: May 10 03:53:56 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	8.224	168	119678	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	257850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	105938	52.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	104.900%	
35) Dibromofluoromethane	8.171	113	80373	51.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	103.540%	
50) Toluene-d8	10.571	98	337520	55.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	110.720%	
62) 4-Bromofluorobenzene	12.847	95	109586	45.466	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	=	90.940%	
Target Compounds						Qvalue
16) Acetone	4.436	43	22584	33.067	ug/l	# 88
20) Methylene Chloride	5.271	84	7270m	4.200	ug/l	
25) 2-Butanone	7.483	43	23645	20.625	ug/l	# 88
43) Isopropyl Acetate	8.688	43	252755	49.225	ug/l	# 74

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

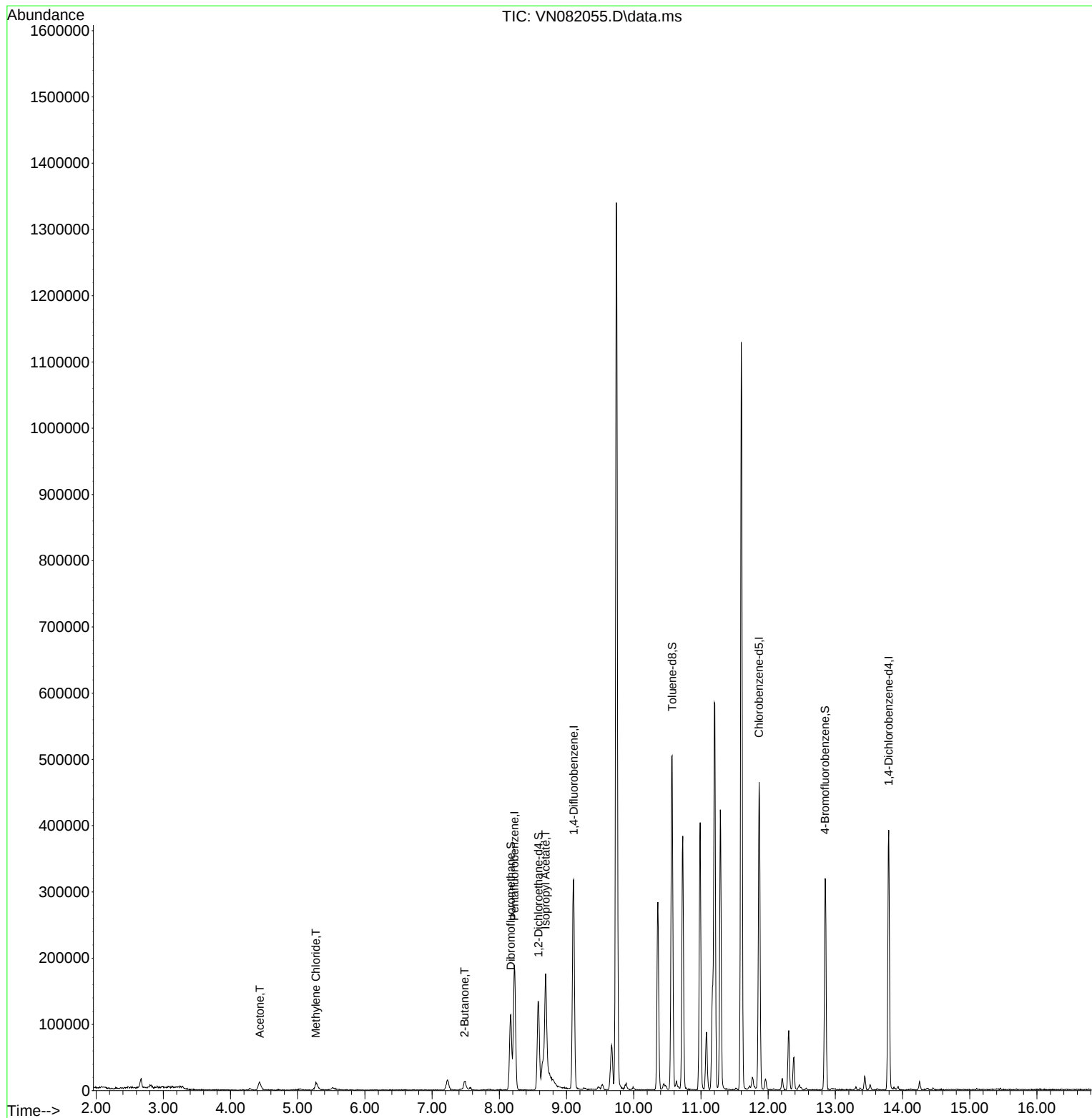
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
Data File : VN082055.D
Acq On : 09 May 2024 16:58
Operator : JC\MD
Sample : PB160759TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

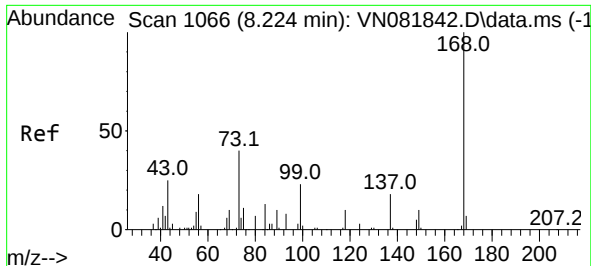
Instrument :
MSVOA_N
ClientSampleId :
PB160759TB

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/10/2024
Supervised By : Mahesh Dadoda 05/10/2024

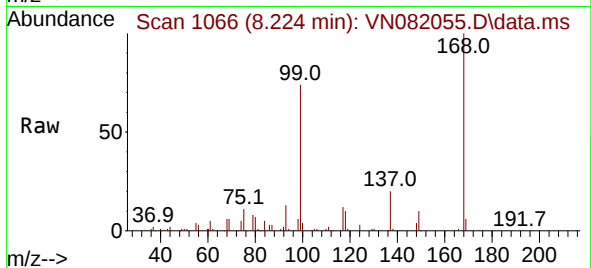
Quant Time: May 10 03:53:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58

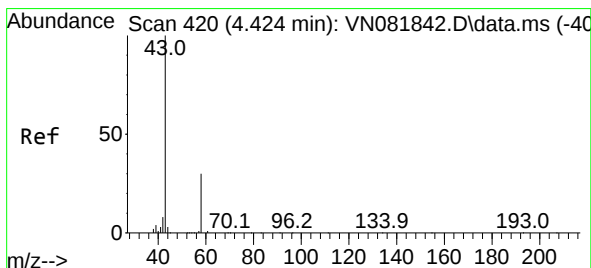
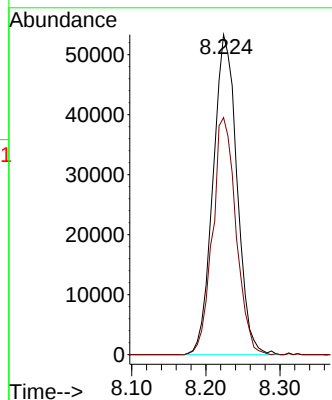
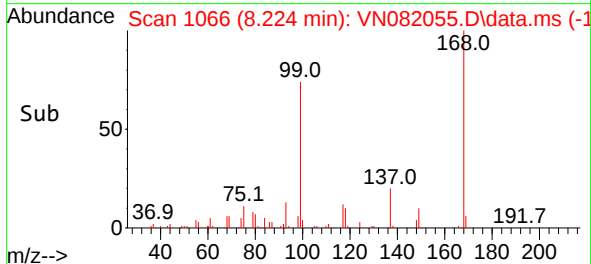
Instrument :
MSVOA_N
ClientSampleId :
PB160759TB



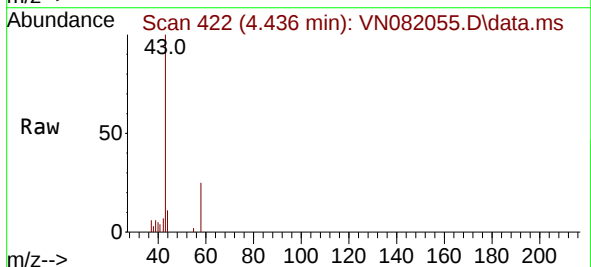
Tgt Ion:168 Resp: 119678
Ion Ratio Lower Upper
168 100
99 74.1 48.2 72.4

Manual Integrations
APPROVED

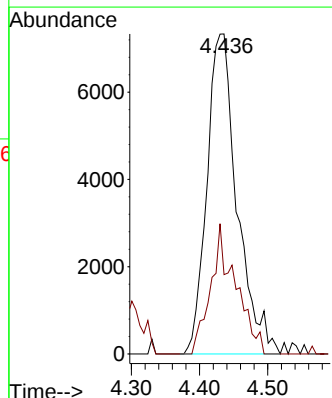
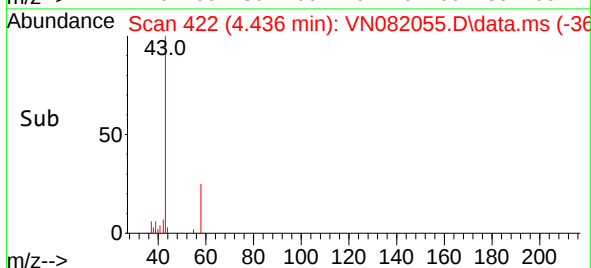
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024

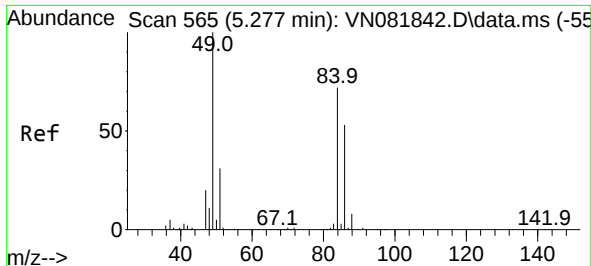


#16
Acetone
Concen: 33.067 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58



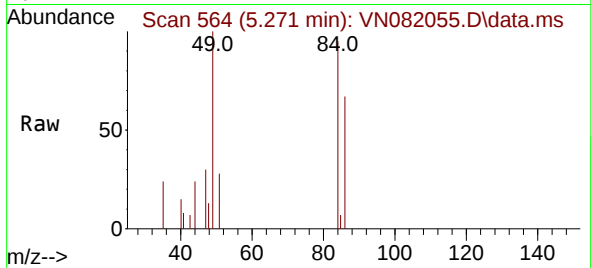
Tgt Ion: 43 Resp: 22584
Ion Ratio Lower Upper
43 100
58 24.8 25.2 37.8





#20
Methylene Chloride
Concen: 4.200 ug/l m
RT: 5.271 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58

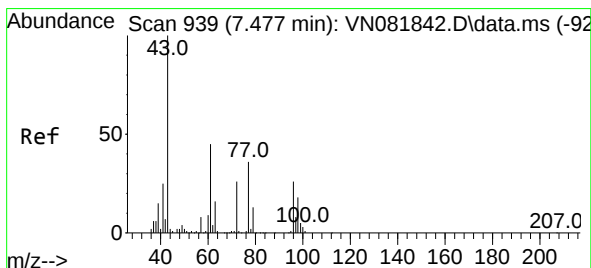
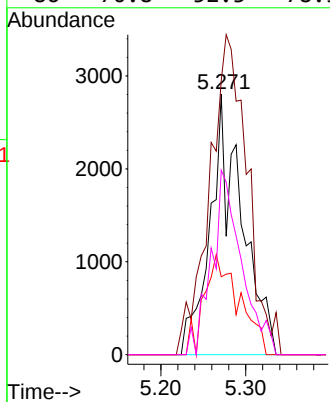
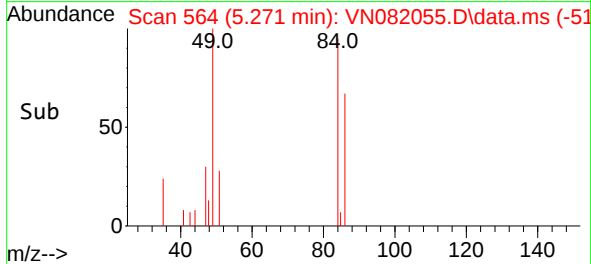
Instrument :
MSVOA_N
ClientSampleId :
PB160759TB



Tgt Ion: 84 Resp: 7270
Ion Ratio Lower Upper
84 100
49 105.2 84.9 127.3
51 29.9 27.0 40.6
86 70.8 52.3 78.5

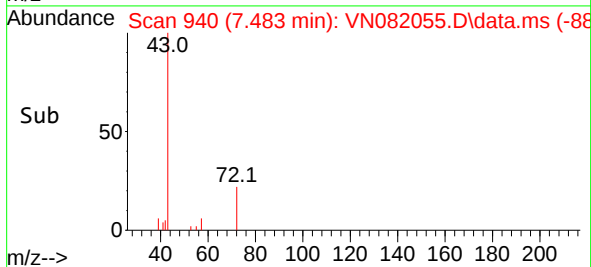
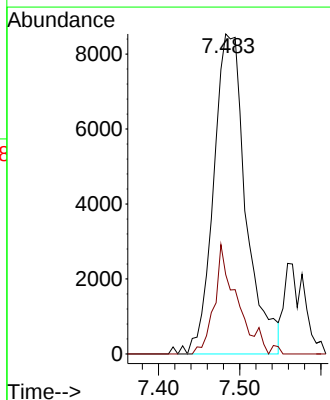
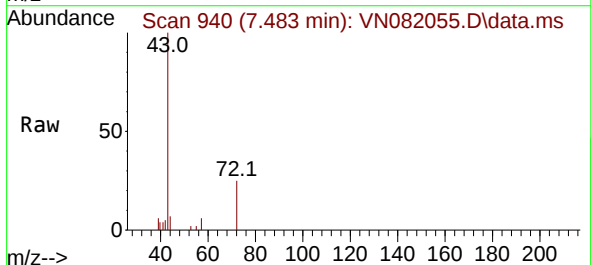
Manual Integrations
APPROVED

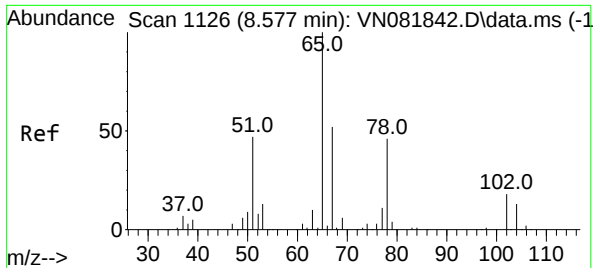
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#25
2-Butanone
Concen: 20.625 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58

Tgt Ion: 43 Resp: 23645
Ion Ratio Lower Upper
43 100
72 24.8 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 52.448 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082055.D

Acq: 09 May 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :

PB160759TB

Tgt Ion: 65 Resp: 105938

Ion Ratio Lower Upper

65 100

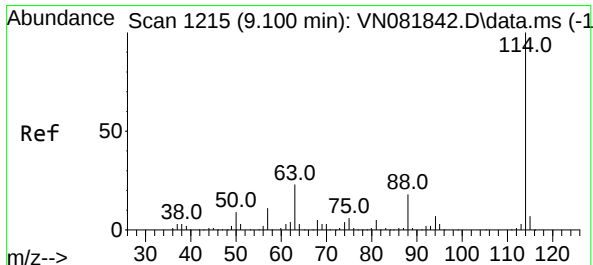
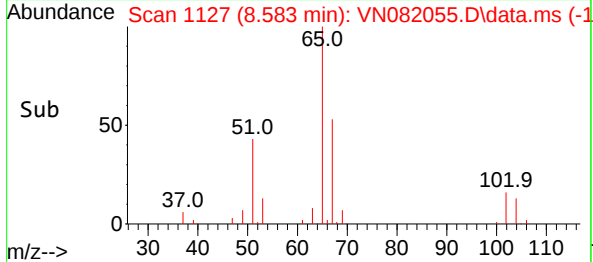
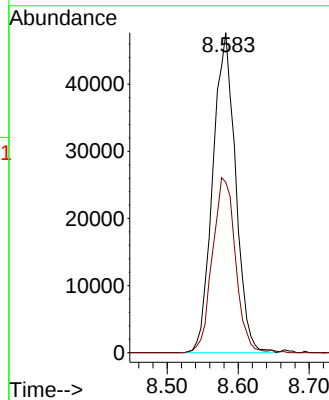
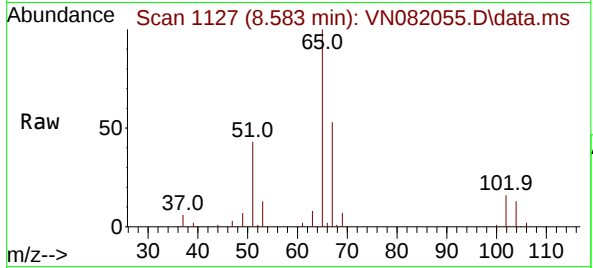
67 55.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2024

Supervised By :Mahesh Dadoda 05/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082055.D

Acq: 09 May 2024 16:58

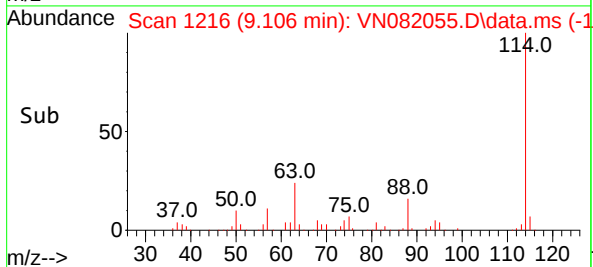
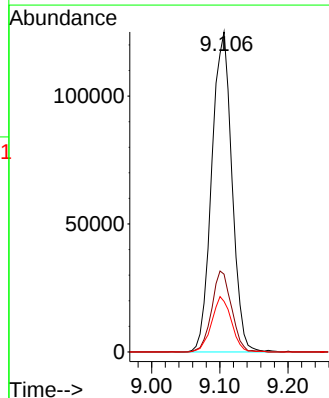
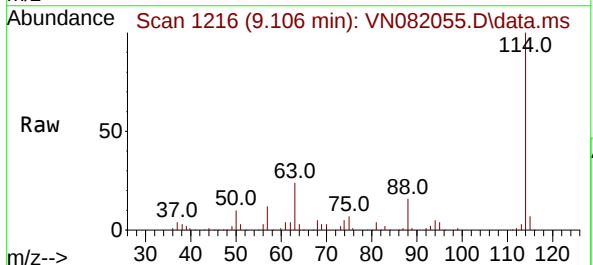
Tgt Ion:114 Resp: 257850

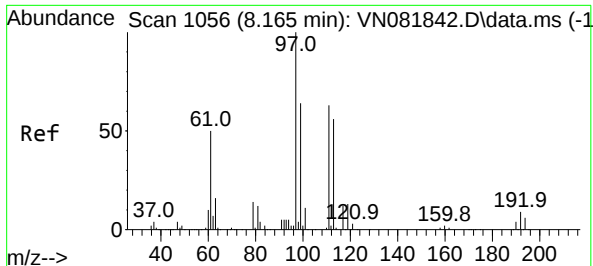
Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

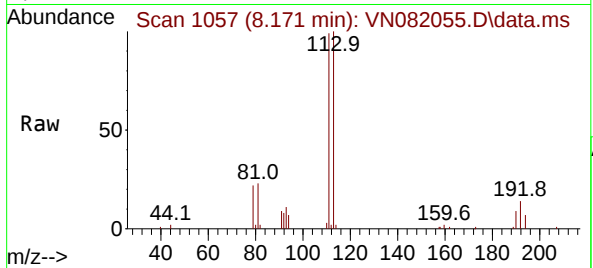
88 15.8 0.0 31.4





#35
 Dibromofluoromethane
 Concen: 51.771 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082055.D
 Acq: 09 May 2024 16:58

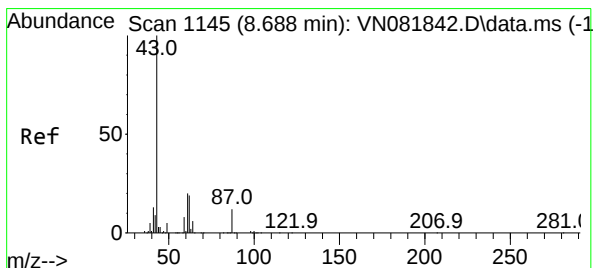
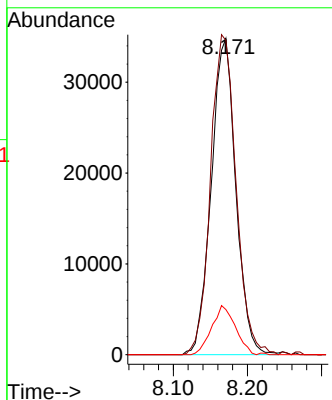
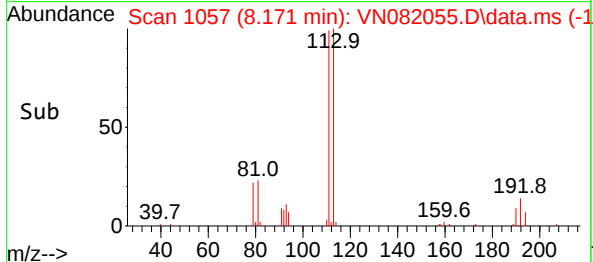
Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759TB



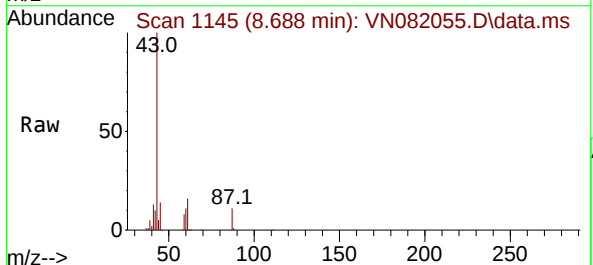
Tgt Ion: 113 Resp: 8037
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.4 125.2
 192 14.9 14.0 21.0

Manual Integrations
 APPROVED

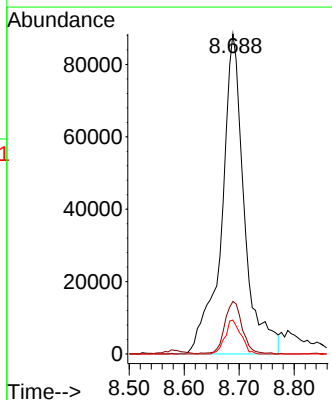
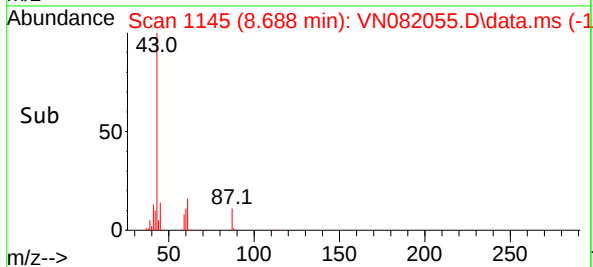
Reviewed By :John Carlone 05/10/2024
 Supervised By :Mahesh Dadoda 05/10/2024

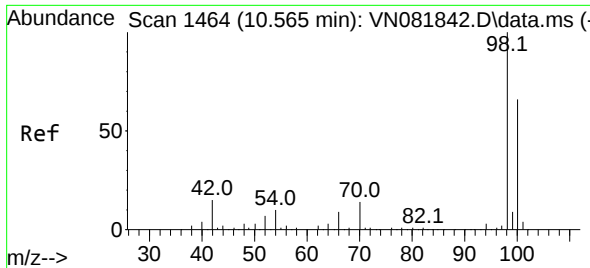


#43
 Isopropyl Acetate
 Concen: 49.225 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.000 min
 Lab File: VN082055.D
 Acq: 09 May 2024 16:58



Tgt Ion: 43 Resp: 252755
 Ion Ratio Lower Upper
 43 100
 61 12.8 22.8 34.2#
 87 7.4 12.0 18.0#





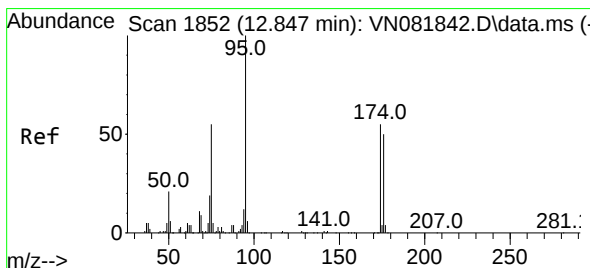
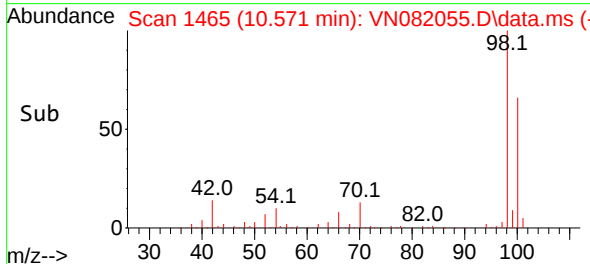
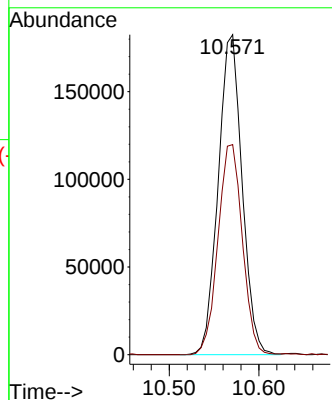
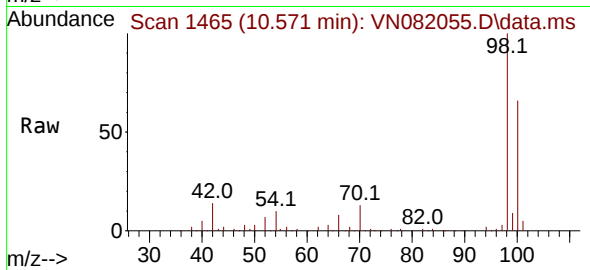
#50
Toluene-d8
Concen: 55.356 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58

Instrument :
MSVOA_N
ClientSampleId :
PB160759TB

Tgt Ion: 98 Resp: 337520
Ion Ratio Lower Upper
98 100
100 67.0 51.8 77.6

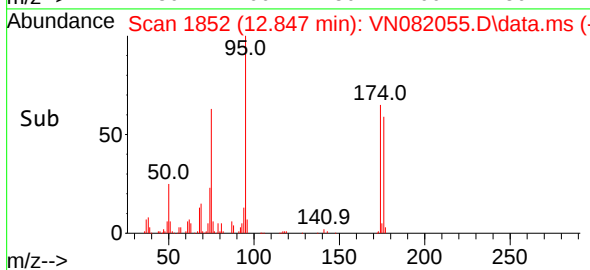
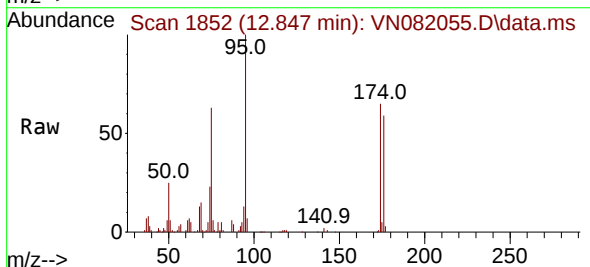
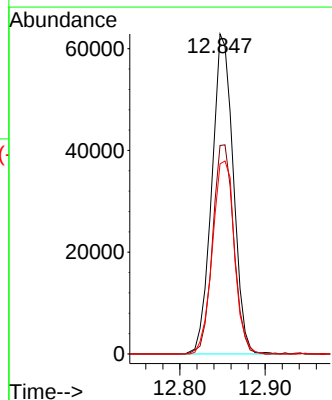
Manual Integrations
APPROVED

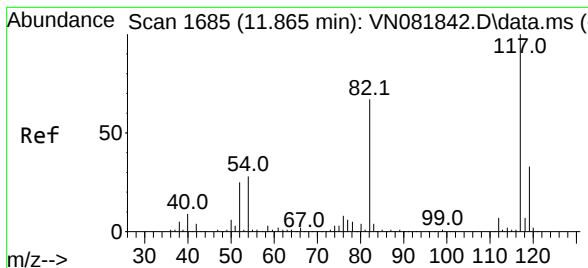
Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#62
4-Bromofluorobenzene
Concen: 45.466 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58

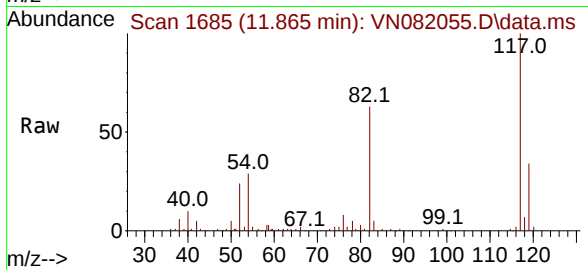
Tgt Ion: 95 Resp: 109586
Ion Ratio Lower Upper
95 100
174 64.6 0.0 160.6
176 62.1 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58

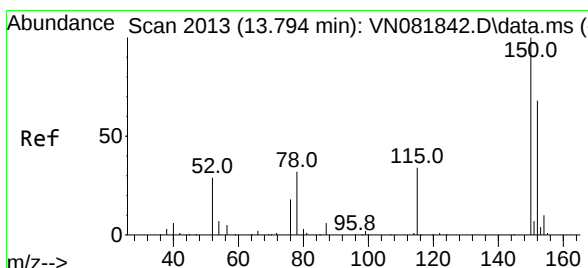
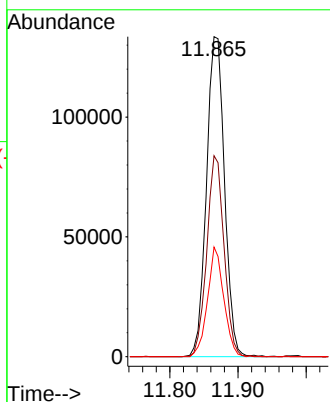
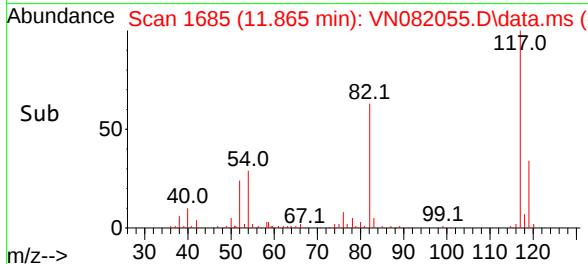
Instrument :
MSVOA_N
ClientSampleId :
PB160759TB



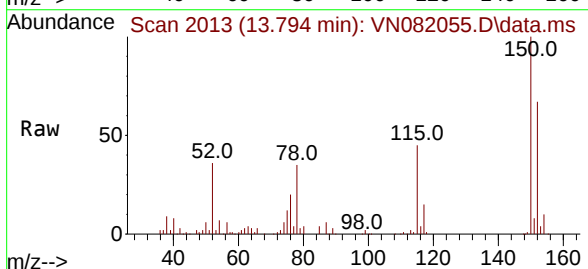
Tgt Ion:117 Resp: 24585
Ion Ratio Lower Upper
117 100
82 62.8 44.6 66.8
119 34.3 25.9 38.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2024
Supervised By :Mahesh Dadoda 05/10/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082055.D
Acq: 09 May 2024 16:58



Tgt Ion:152 Resp: 92342
Ion Ratio Lower Upper
152 100
115 66.3 30.4 91.3
150 156.4 0.0 353.2

