

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082467.D
 Acq On : 05 Jun 2024 13:48
 Operator : JC\MD
 Sample : PB161297ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

Quant Time: Jun 06 00:55:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	158611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	299316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138976	55.490	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.980%			
35) Dibromofluoromethane	8.171	113	100722	55.437	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.880%			
50) Toluene-d8	10.571	98	394048	56.569	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.140%#			
62) 4-Bromofluorobenzene	12.853	95	133255	53.597	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 107.200%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	98731	96.099	ug/l	90
20) Methylene Chloride	5.277	84	4254m	2.052	ug/l	
25) 2-Butanone	7.488	43	24379	15.651	ug/l	90
43) Isopropyl Acetate	8.688	43	281120	46.523	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	19508m	5.682	ug/l	

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

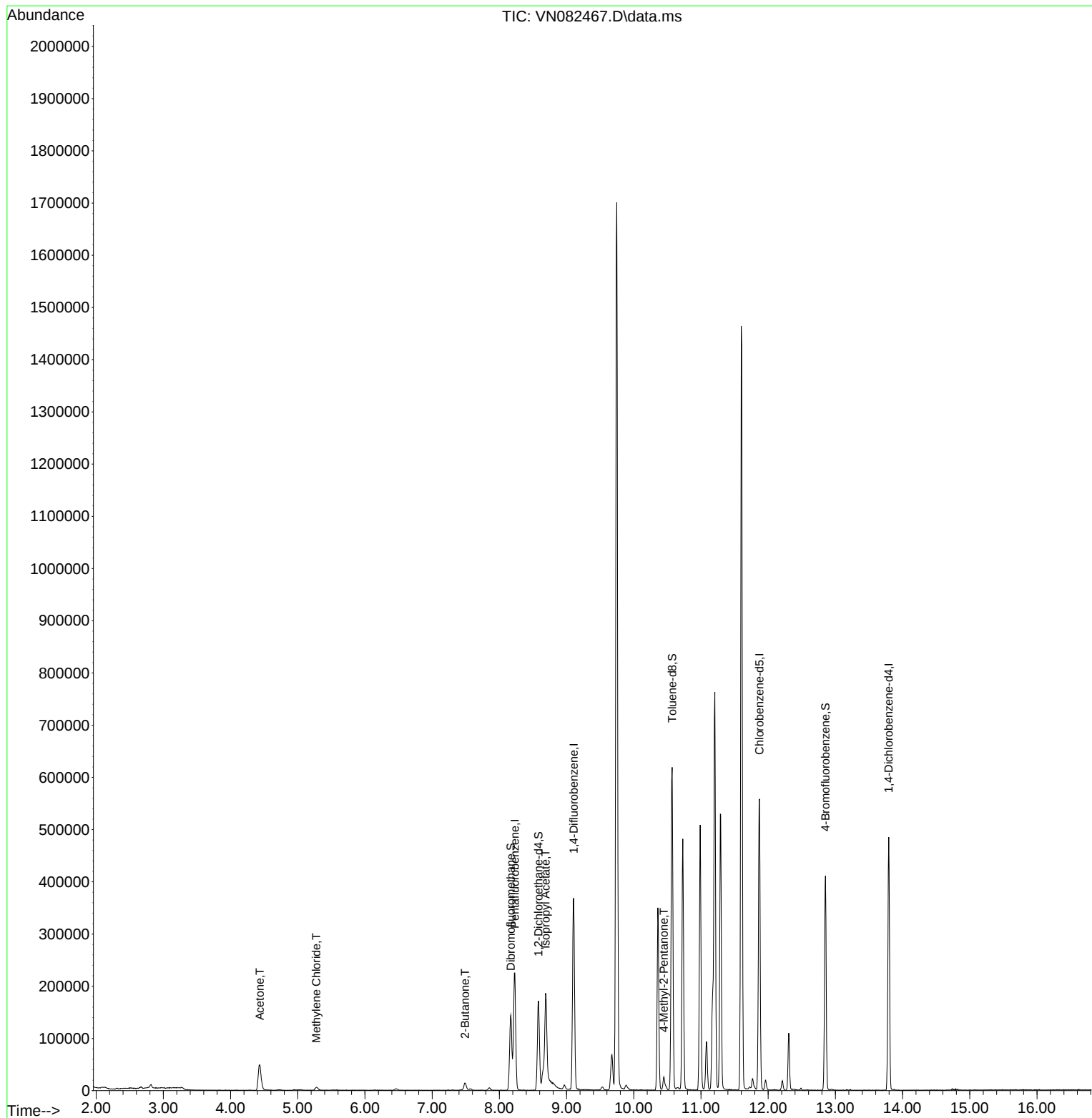
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
Data File : VN082467.D
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Operator : JC\MD
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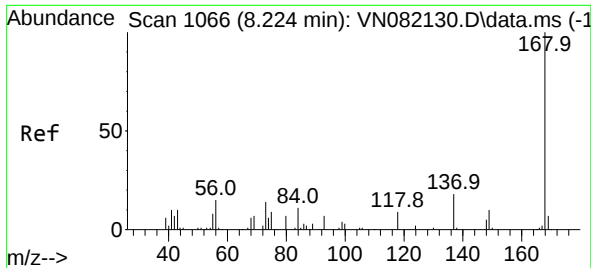
Instrument :
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ClientSampleId :
PB161297ZHE#03

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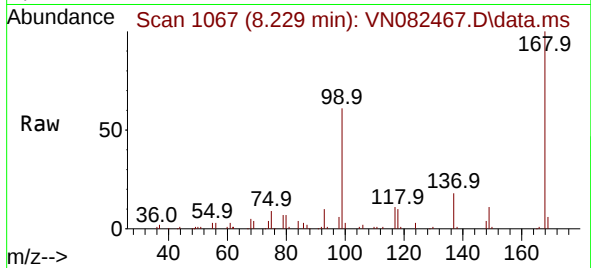
Quant Time: Jun 06 00:55:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48

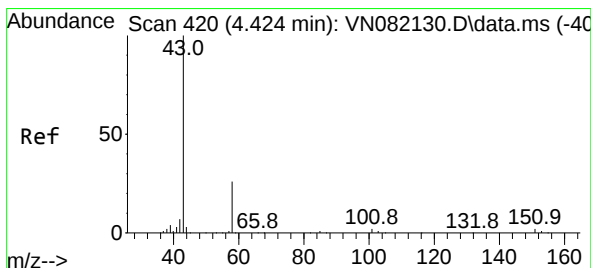
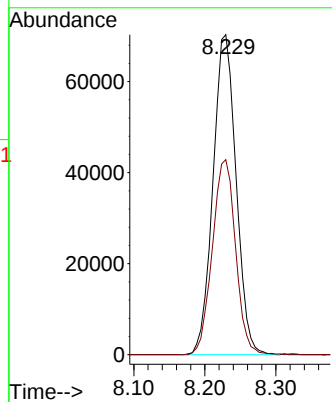
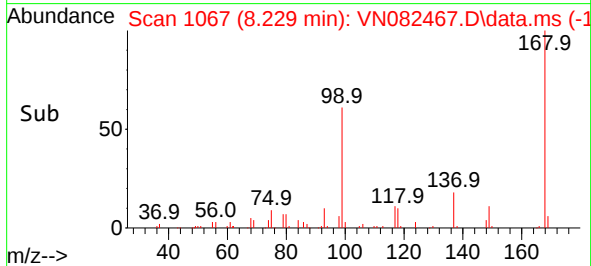
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#03



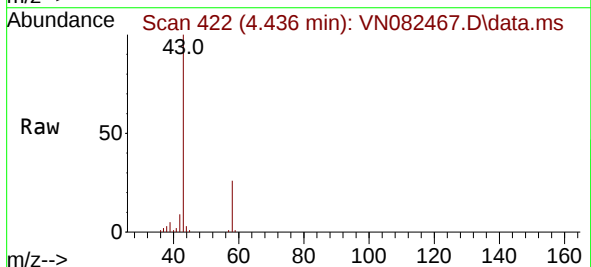
Tgt Ion:168 Resp: 15861
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4

Manual Integrations
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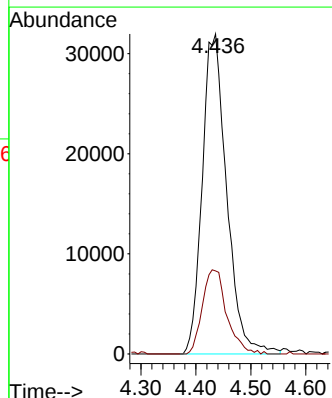
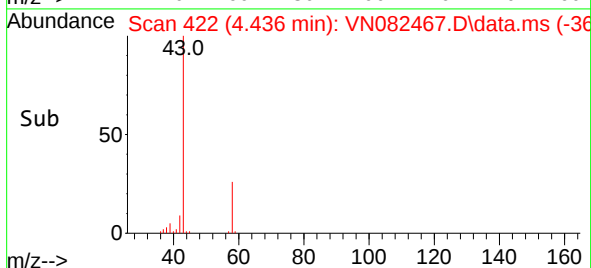
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#16
Acetone
Concen: 96.099 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48



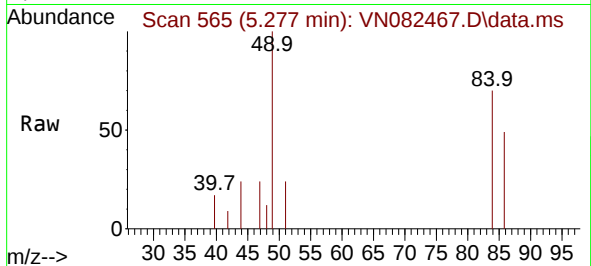
Tgt Ion: 43 Resp: 98731
Ion Ratio Lower Upper
43 100
58 25.9 25.2 37.8





#20
Methylene Chloride
Concen: 2.052 ug/l m
RT: 5.277 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48

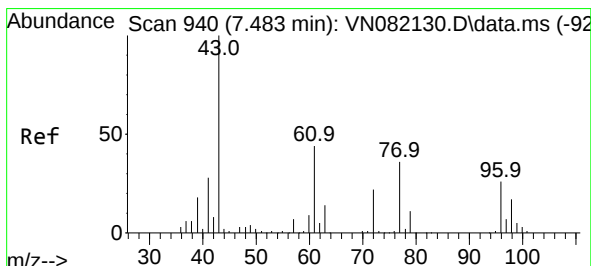
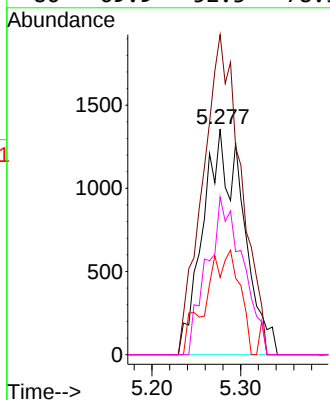
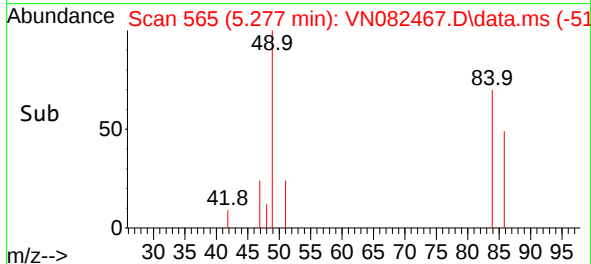
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#03



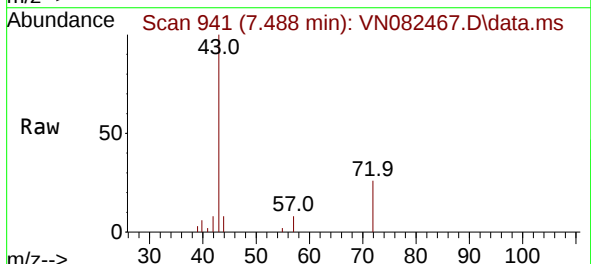
Tgt Ion: 84 Resp: 4254
Ion Ratio Lower Upper
84 100
49 141.9 84.9 127.3
51 34.2 27.0 40.6
86 69.9 52.3 78.5

Manual Integrations
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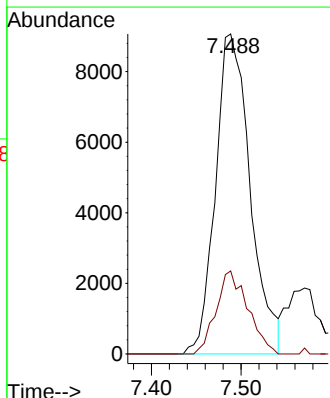
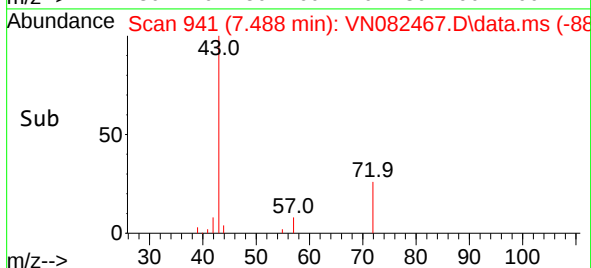
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Supervised By :Mahesh Dadoda 06/06/2024

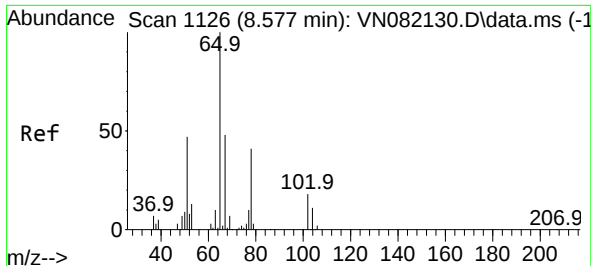


#25
2-Butanone
Concen: 15.651 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48



Tgt Ion: 43 Resp: 24379
Ion Ratio Lower Upper
43 100
72 26.0 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 55.490 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082467.D

Acq: 05 Jun 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

PB161297ZHE#03

Tgt Ion: 65 Resp: 138970

Ion Ratio Lower Upper

65 100

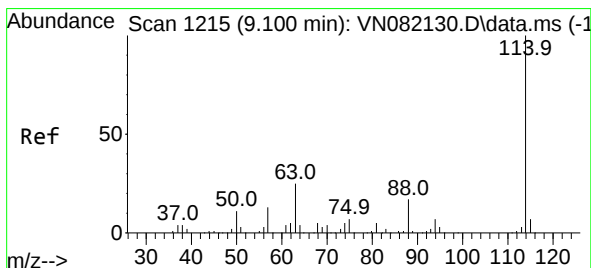
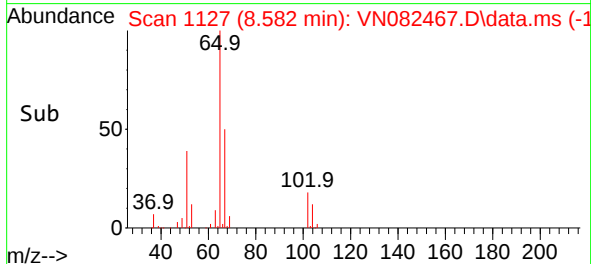
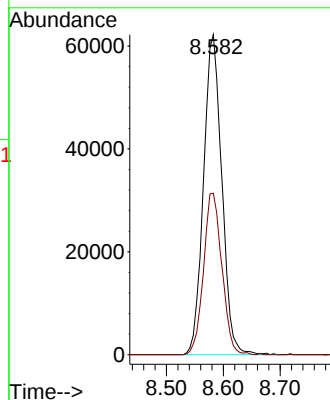
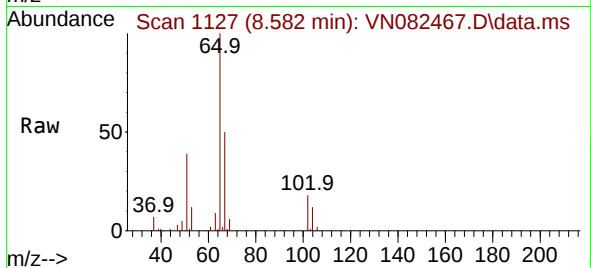
67 50.5 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082467.D

Acq: 05 Jun 2024 13:48

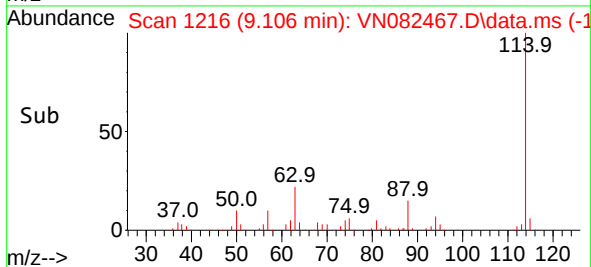
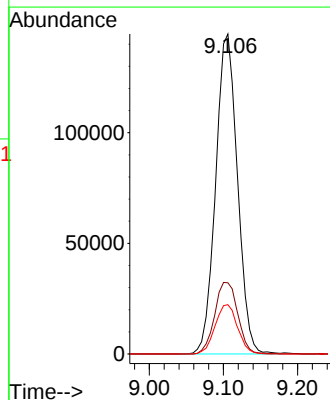
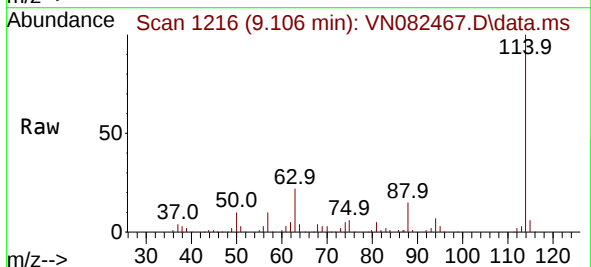
Tgt Ion:114 Resp: 295352

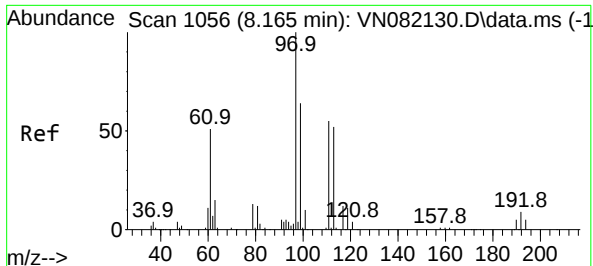
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.0

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.437 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082467.D

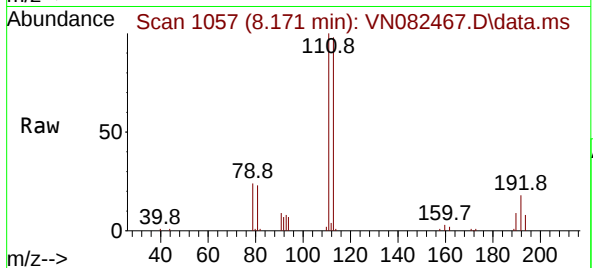
Acq: 05 Jun 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

PB161297ZHE#03



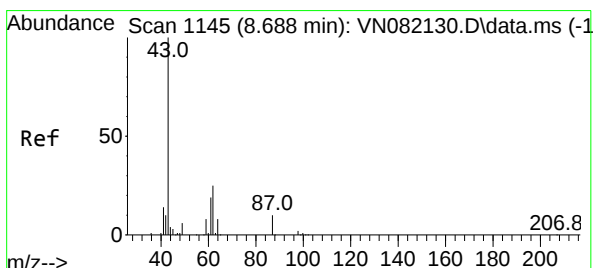
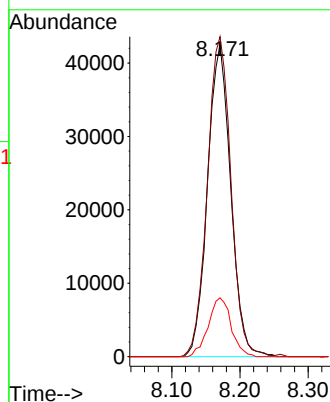
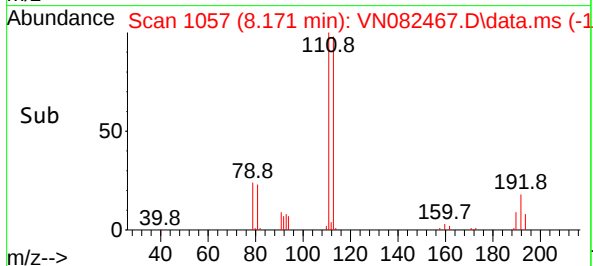
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.2
192	18.6	14.0	21.0

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#43

Isopropyl Acetate

Concen: 46.523 ug/l

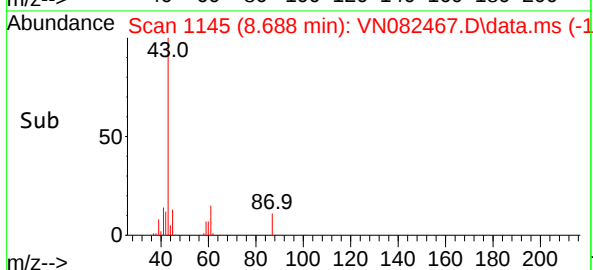
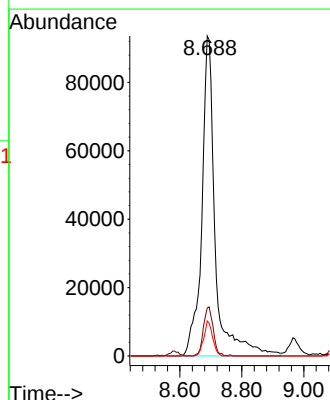
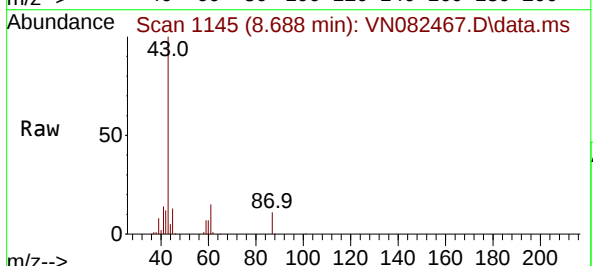
RT: 8.688 min Scan# 1145

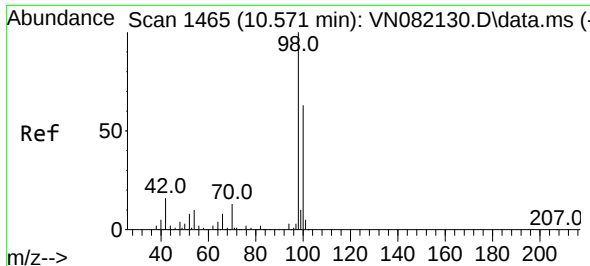
Delta R.T. -0.000 min

Lab File: VN082467.D

Acq: 05 Jun 2024 13:48

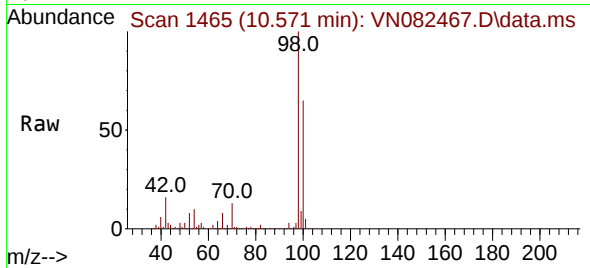
Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.1	22.8	34.2#
87	7.2	12.0	18.0#





#50
Toluene-d8
Concen: 56.569 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48

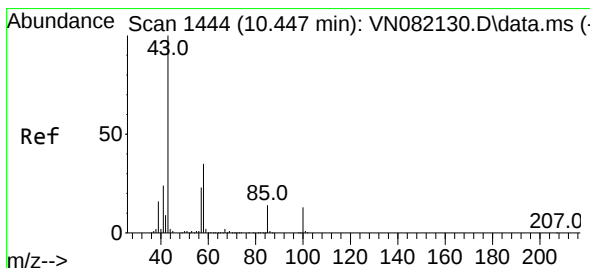
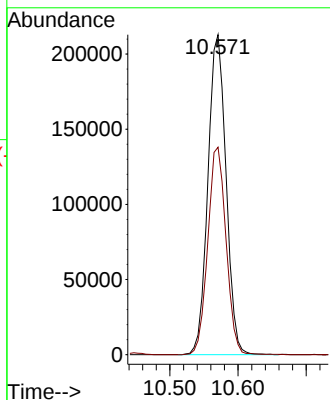
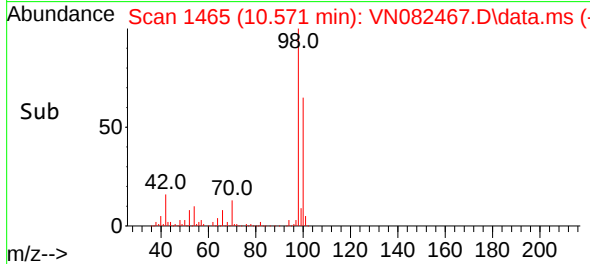
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#03



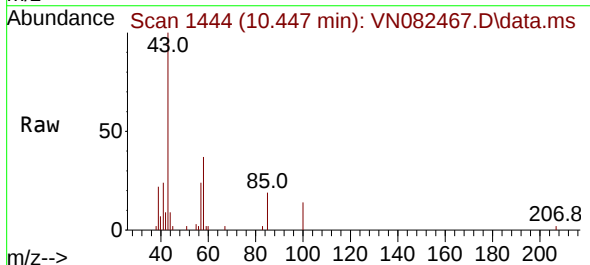
Tgt Ion: 98 Resp: 394048
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

Manual Integrations
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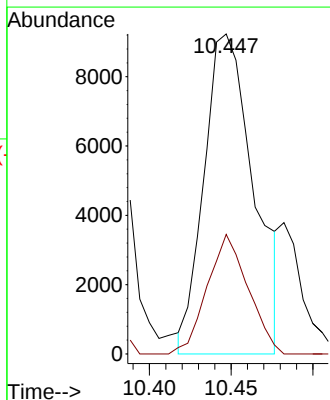
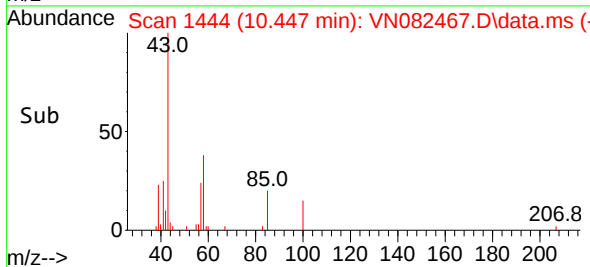
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

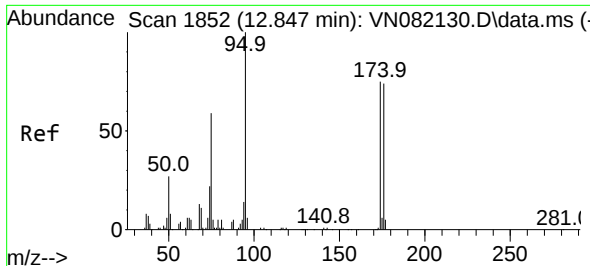


#51
4-Methyl-2-Pentanone
Concen: 5.682 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48



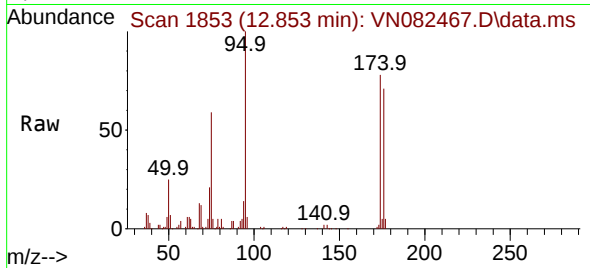
Tgt Ion: 43 Resp: 19508
Ion Ratio Lower Upper
43 100
58 22.6 33.2 49.8#





#62
4-Bromofluorobenzene
Concen: 53.597 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48

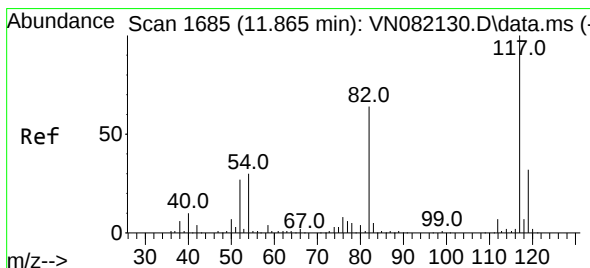
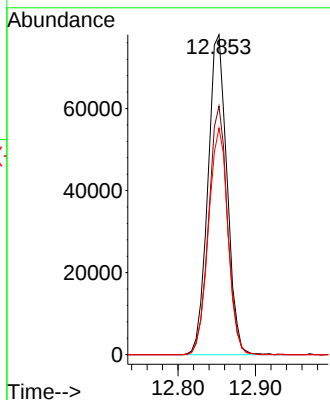
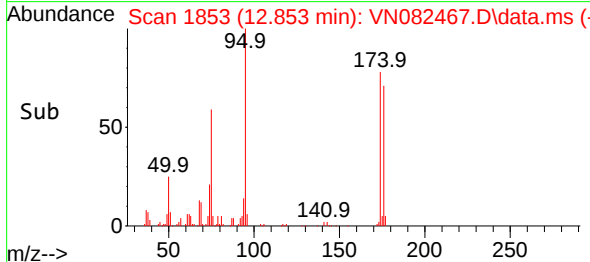
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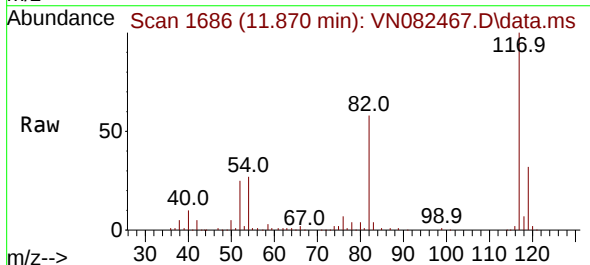
Tgt Ion: 95 Resp: 13325
Ion Ratio Lower Upper
95 100
174 76.8 0.0 160.6
176 72.0 0.0 152.8

Manual Integrations
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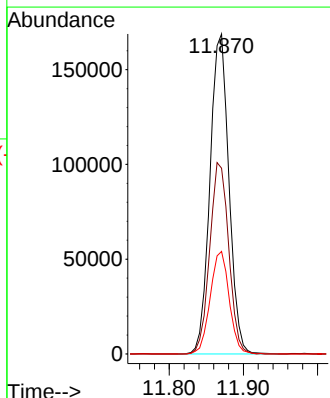
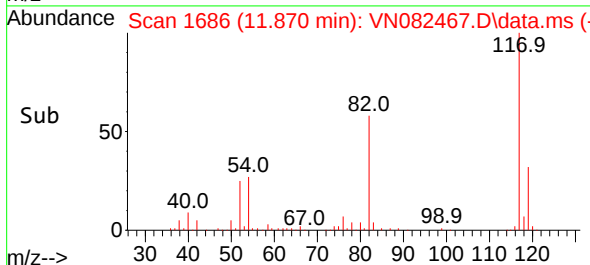
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

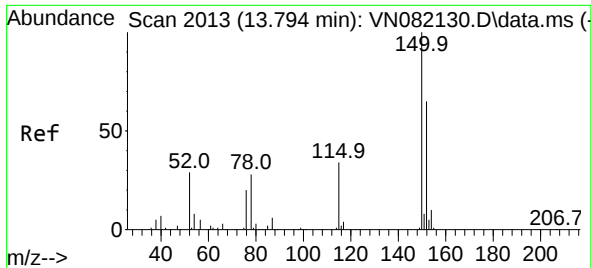


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082467.D
Acq: 05 Jun 2024 13:48



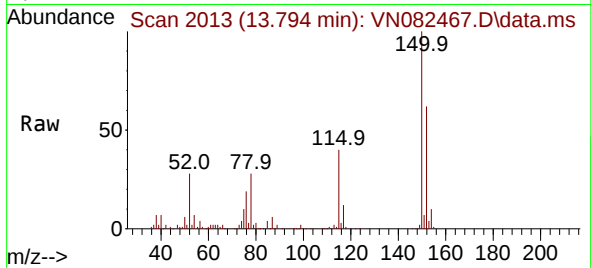
Tgt Ion:117 Resp: 299316
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 32.0 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082467.D
 Acq: 05 Jun 2024 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#03



Tgt Ion:152 Resp: 122379
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.4 91.3
 150 155.9 0.0 353.2

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