

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082466.D
 Acq On : 05 Jun 2024 13:24
 Operator : JC\MD
 Sample : PB161297ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#02

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 00:55:28 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	8.230	168	154687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135999	55.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.360%			
35) Dibromofluoromethane	8.171	113	98991	55.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.380%			
50) Toluene-d8	10.571	98	386512	56.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.420%#			
62) 4-Bromofluorobenzene	12.853	95	129234	53.128	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.260%			
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	97284	97.092	ug/l	93
20) Methylene Chloride	5.283	84	4224	2.089	ug/l #	80
25) 2-Butanone	7.494	43	24453	16.096	ug/l #	84
43) Isopropyl Acetate	8.694	43	258768	43.770	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	23806m	7.087	ug/l	

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

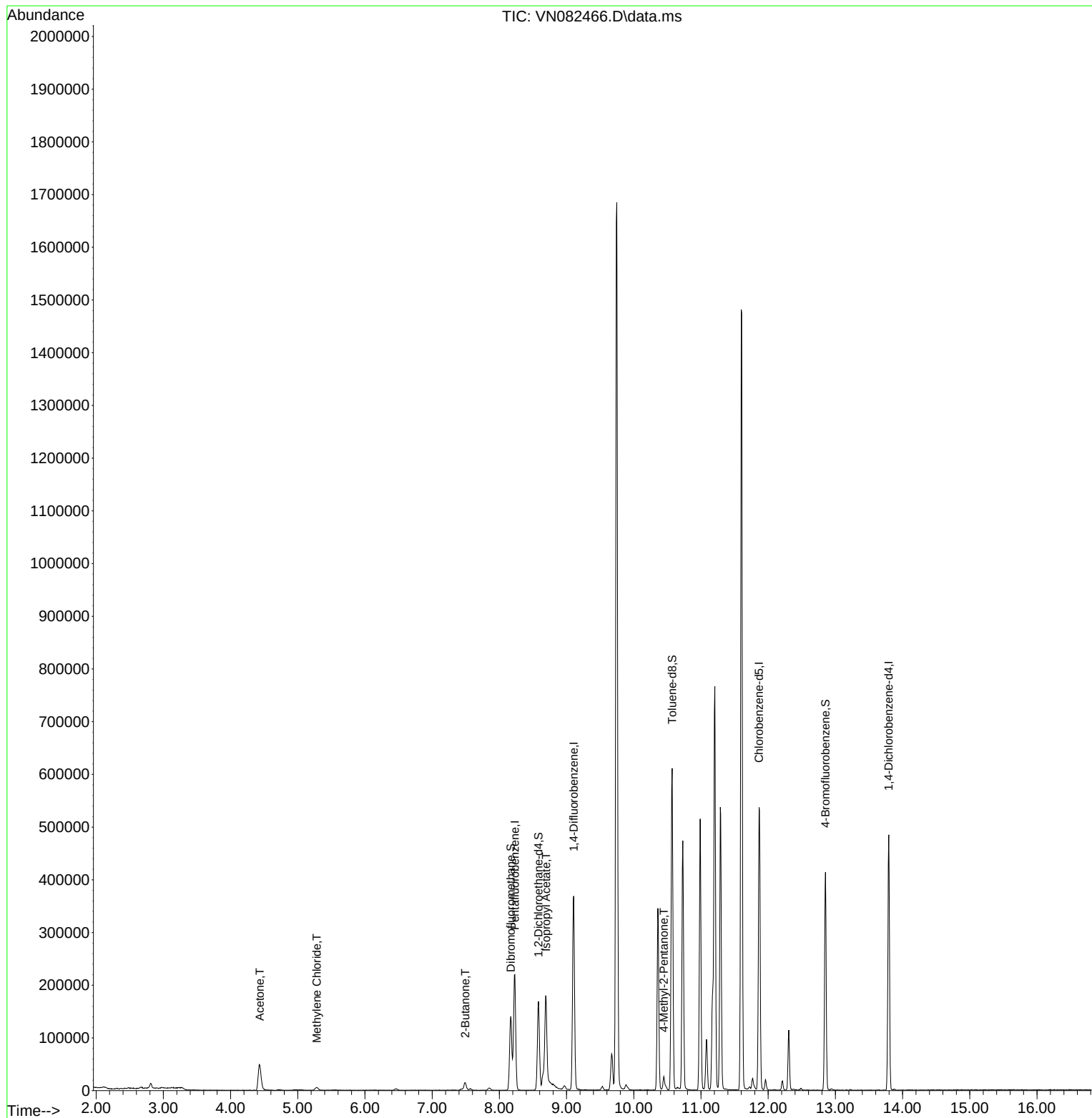
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
Data File : VN082466.D
Acq On : 05 Jun 2024 13:24
Operator : JC\MD
Sample : PB161297ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

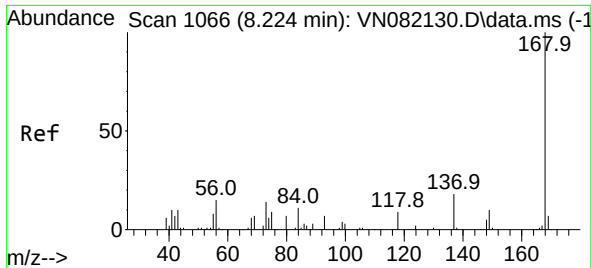
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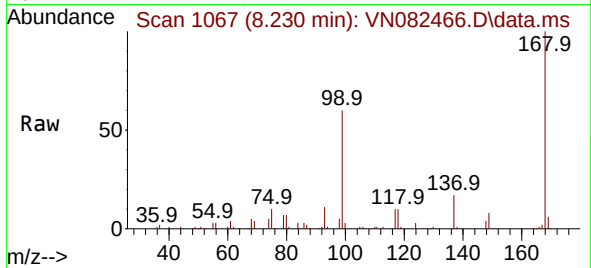
Quant Time: Jun 06 00:55:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

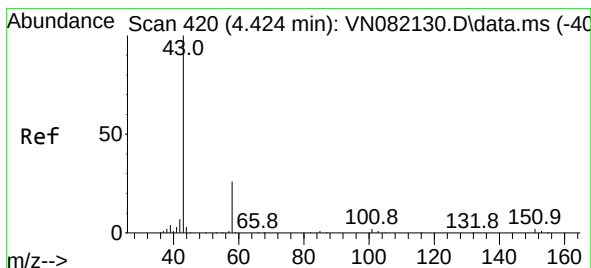
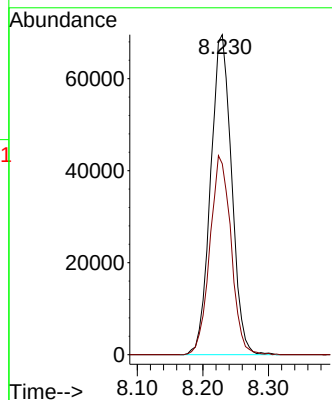
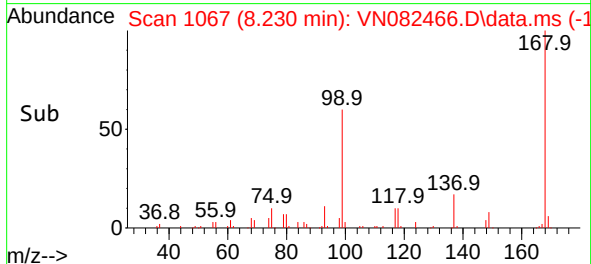
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#02



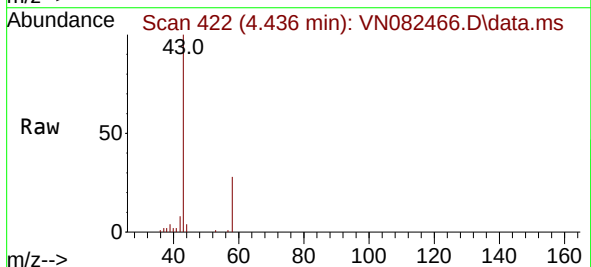
Tgt Ion:168 Resp: 15468
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4

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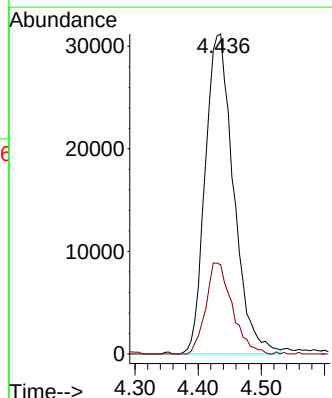
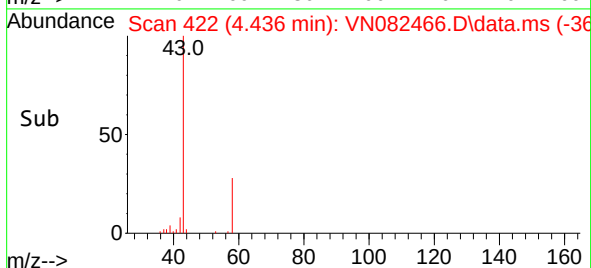
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

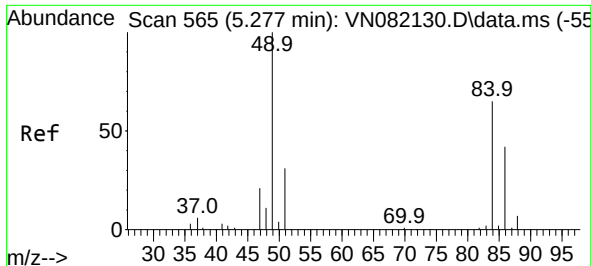


#16
Acetone
Concen: 97.092 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24



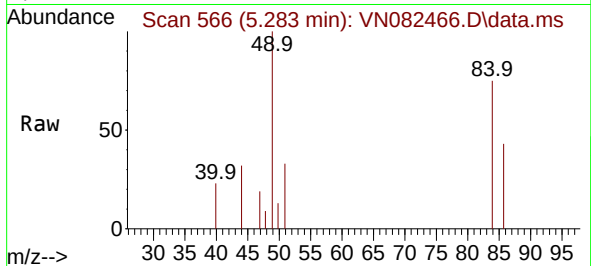
Tgt Ion: 43 Resp: 97284
Ion Ratio Lower Upper
43 100
58 27.9 25.2 37.8





#20
Methylene Chloride
Concen: 2.089 ug/l
RT: 5.283 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

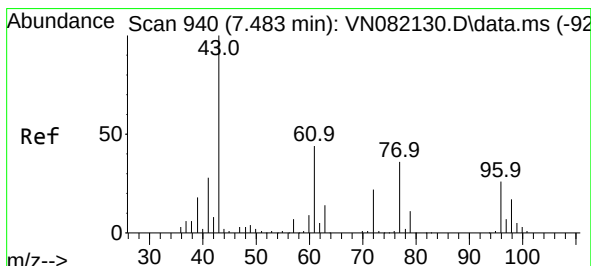
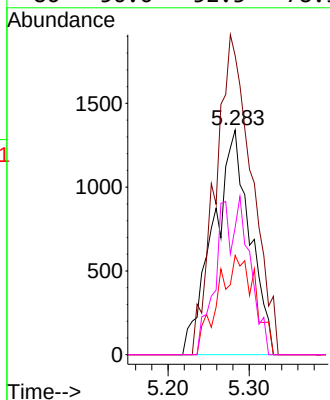
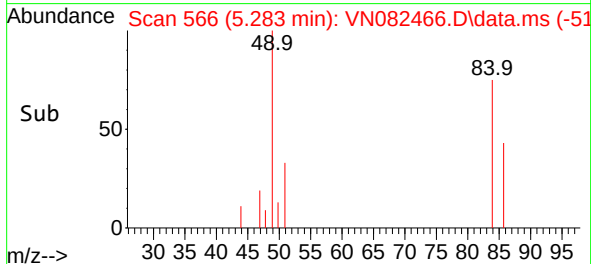
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#02



Tgt Ion: 84 Resp: 4224
Ion Ratio Lower Upper
84 100
49 133.1 84.9 127.3
51 44.1 27.0 40.6
86 56.6 52.3 78.5

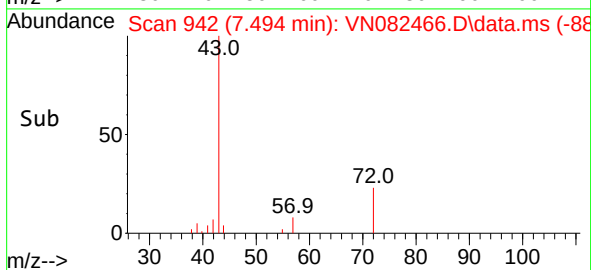
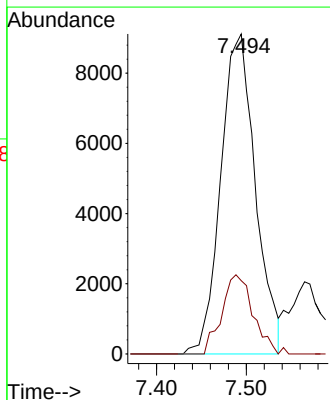
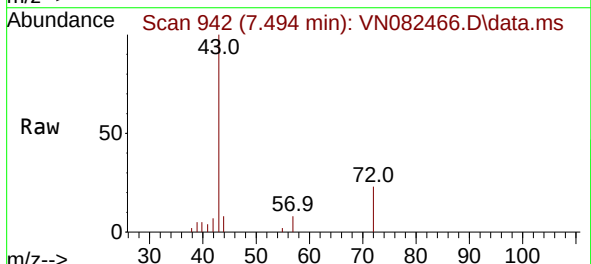
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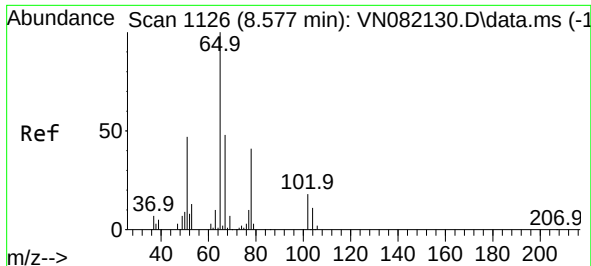
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#25
2-Butanone
Concen: 16.096 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

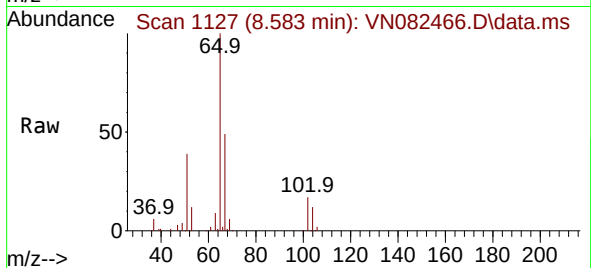
Tgt Ion: 43 Resp: 24453
Ion Ratio Lower Upper
43 100
72 22.9 25.3 37.9#





#33
1,2-Dichloroethane-d4
Concen: 55.679 ug/l
RT: 8.583 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

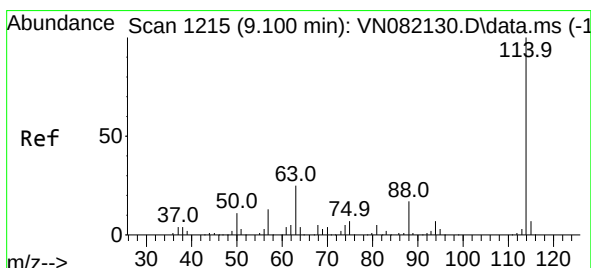
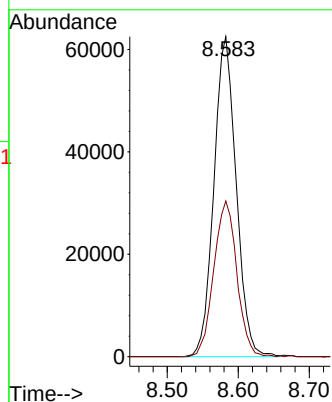
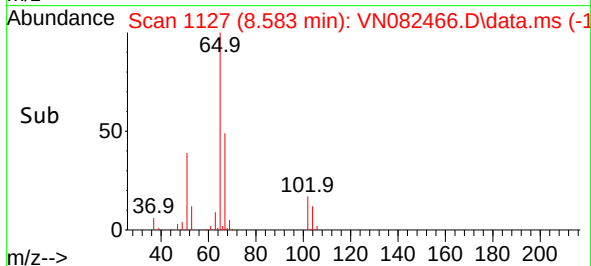
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#02



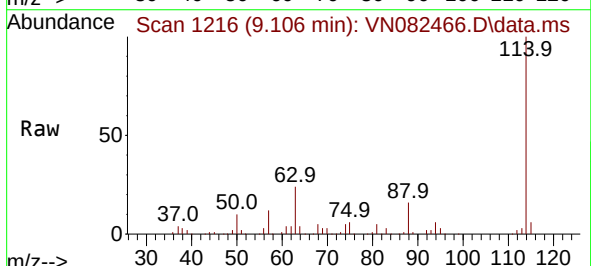
Tgt Ion: 65 Resp: 135998
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0

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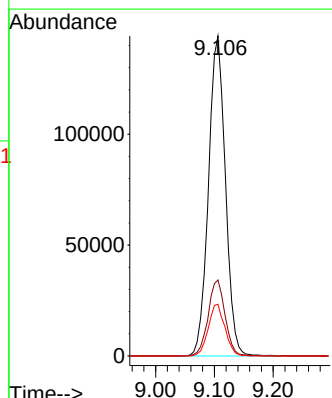
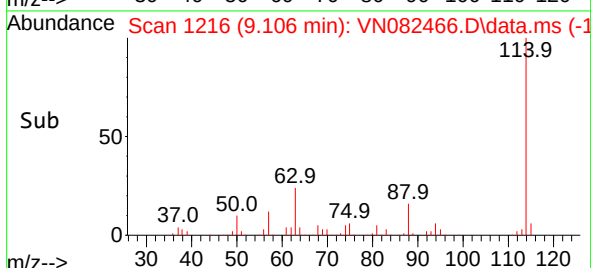
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

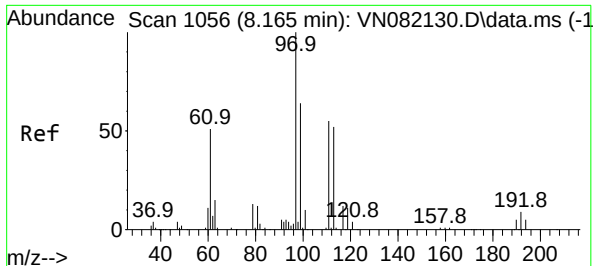


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24



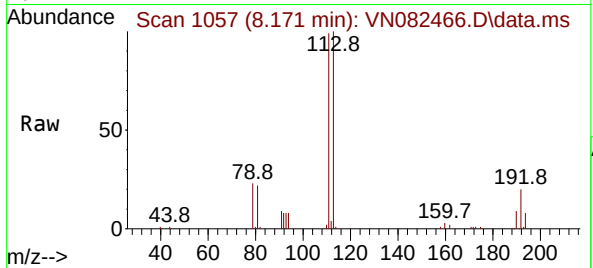
Tgt Ion: 114 Resp: 288968
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.0
88 16.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 55.688 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

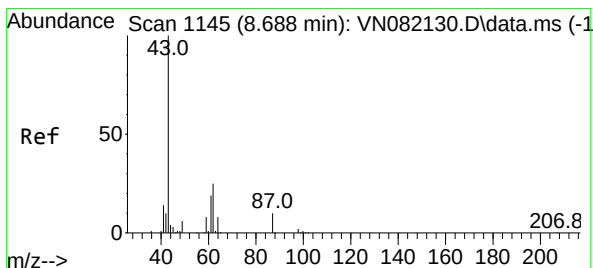
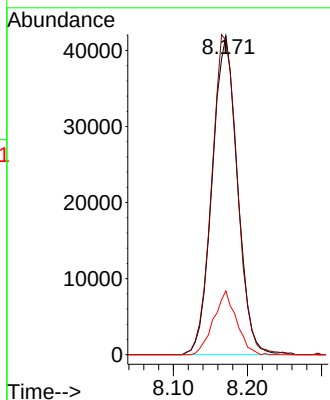
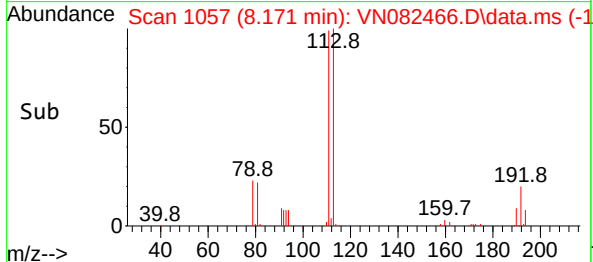
Instrument :
MSVOA_N
ClientSampleId :
PB161297ZHE#02



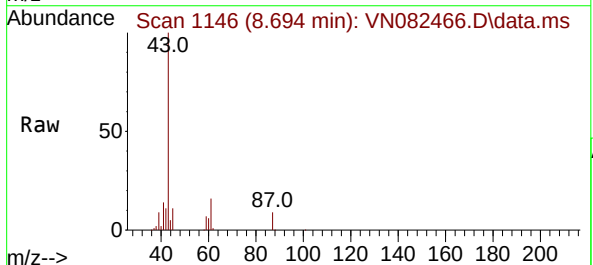
Tgt Ion: 113 Resp: 9899
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 18.2 14.0 21.0

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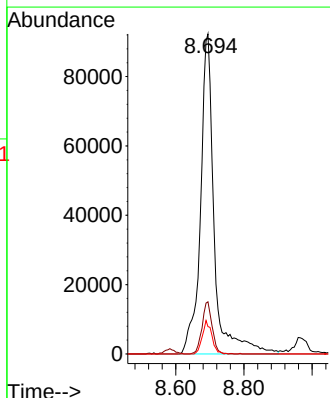
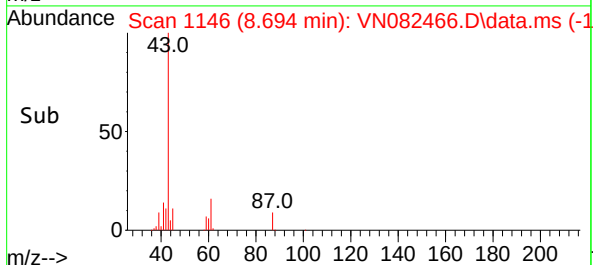
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

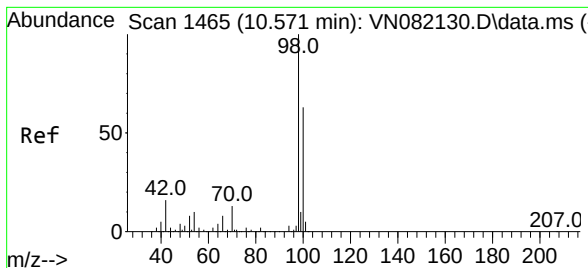


#43
Isopropyl Acetate
Concen: 43.770 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24



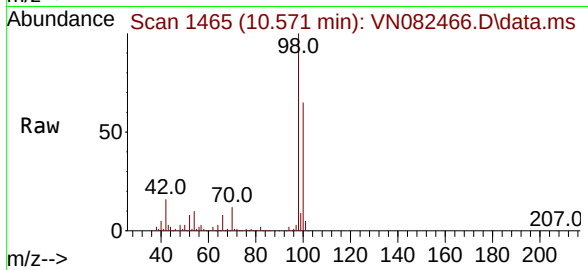
Tgt Ion: 43 Resp: 258768
Ion Ratio Lower Upper
43 100
61 11.9 22.8 34.2#
87 7.1 12.0 18.0#





#50
Toluene-d8
Concen: 56.713 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

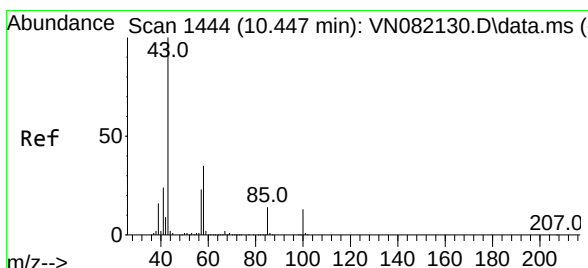
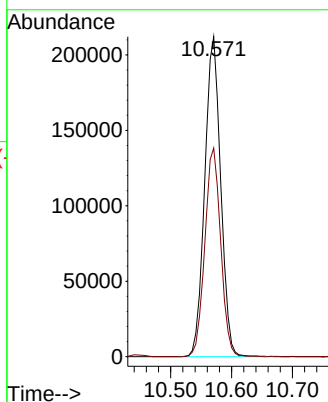
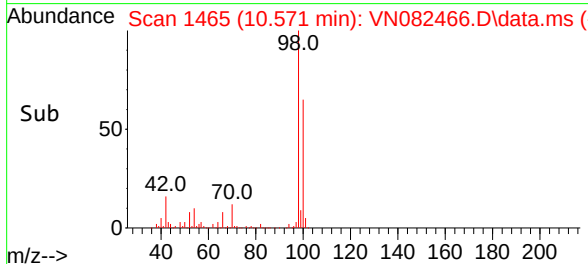
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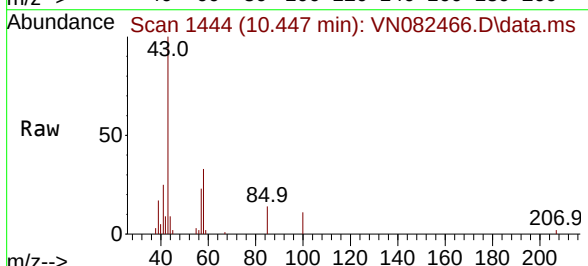
Tgt Ion: 98 Resp: 386512
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

Manual Integrations
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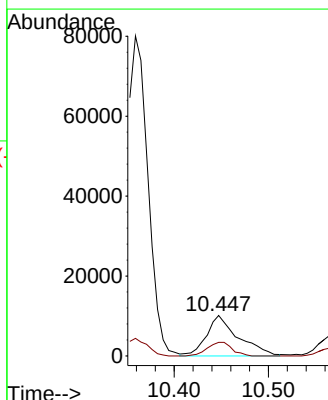
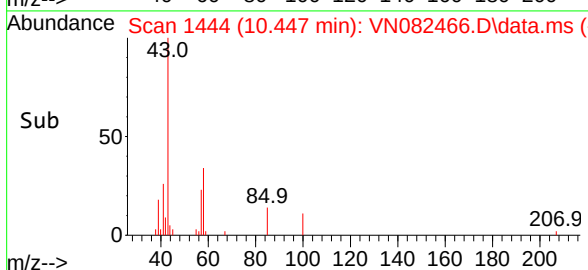
Reviewed By :John Carlone 06/06/2024
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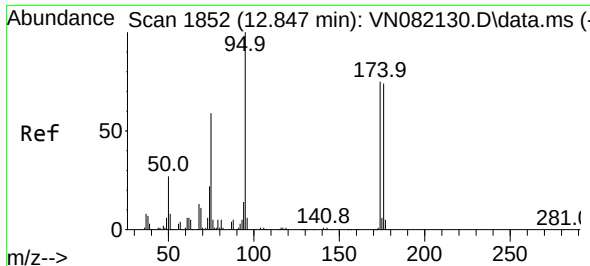


#51
4-Methyl-2-Pentanone
Concen: 7.087 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24



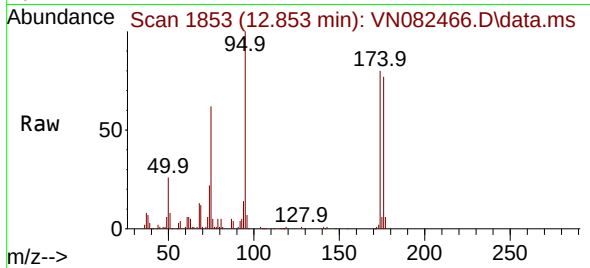
Tgt Ion: 43 Resp: 23806
Ion Ratio Lower Upper
43 100
58 17.4 33.2 49.8#





#62
4-Bromofluorobenzene
Concen: 53.128 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

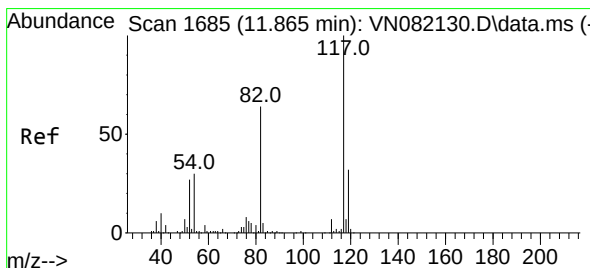
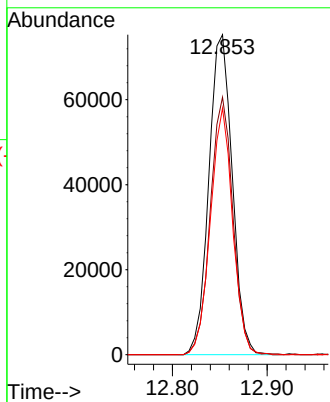
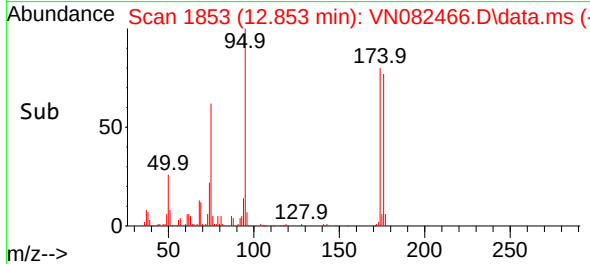
Instrument :
MSVOA_N
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PB161297ZHE#02



Tgt Ion: 95 Resp: 129234
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.6
176 73.3 0.0 152.8

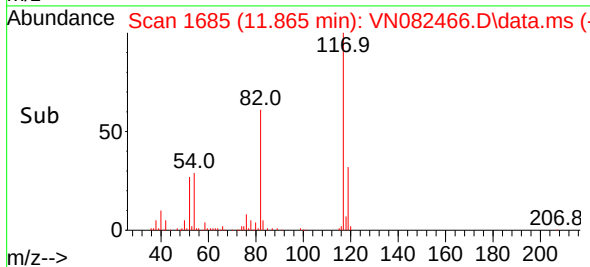
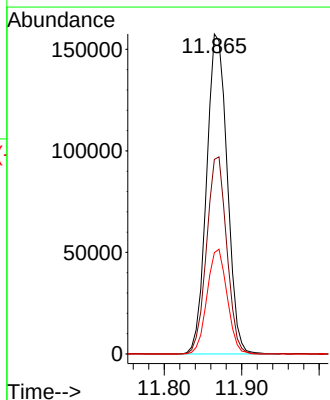
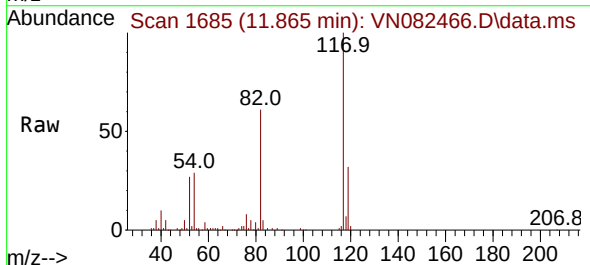
Manual Integrations
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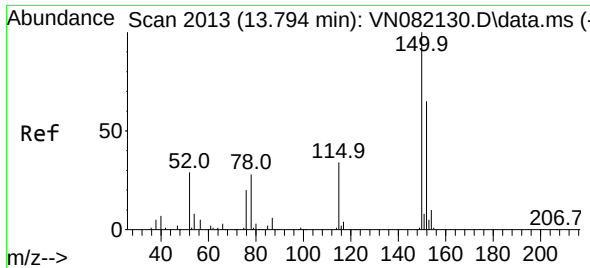
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082466.D
Acq: 05 Jun 2024 13:24

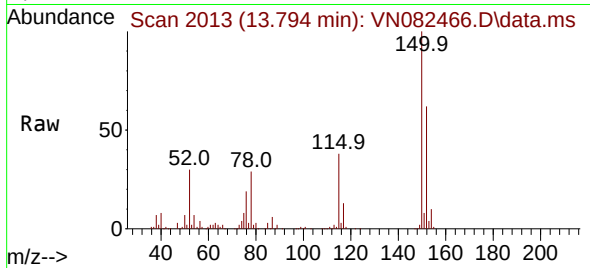
Tgt Ion:117 Resp: 291196
Ion Ratio Lower Upper
117 100
82 60.8 44.6 66.8
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082466.D
 Acq: 05 Jun 2024 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161297ZHE#02



Tgt Ion:152 Resp: 119109
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.4 91.3
 150 160.9 0.0 353.2

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