

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081174.D
 Acq On : 23 Feb 2024 21:21
 Operator : JC\MD
 Sample : P1574-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:06:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	269949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	486667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179516	54.254	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.500%			
35) Dibromofluoromethane	8.171	113	147935	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.900%			
50) Toluene-d8	10.571	98	494667	46.084	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.160%			
62) 4-Bromofluorobenzene	12.853	95	175817	43.591	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.180%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	66063	50.742	ug/l	98
18) Methyl Acetate	5.024	43	6916m	2.178	ug/l	
20) Methylene Chloride	5.283	84	19588	4.979	ug/l	85
43) Isopropyl Acetate	8.694	43	503783	61.643	ug/l #	79

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

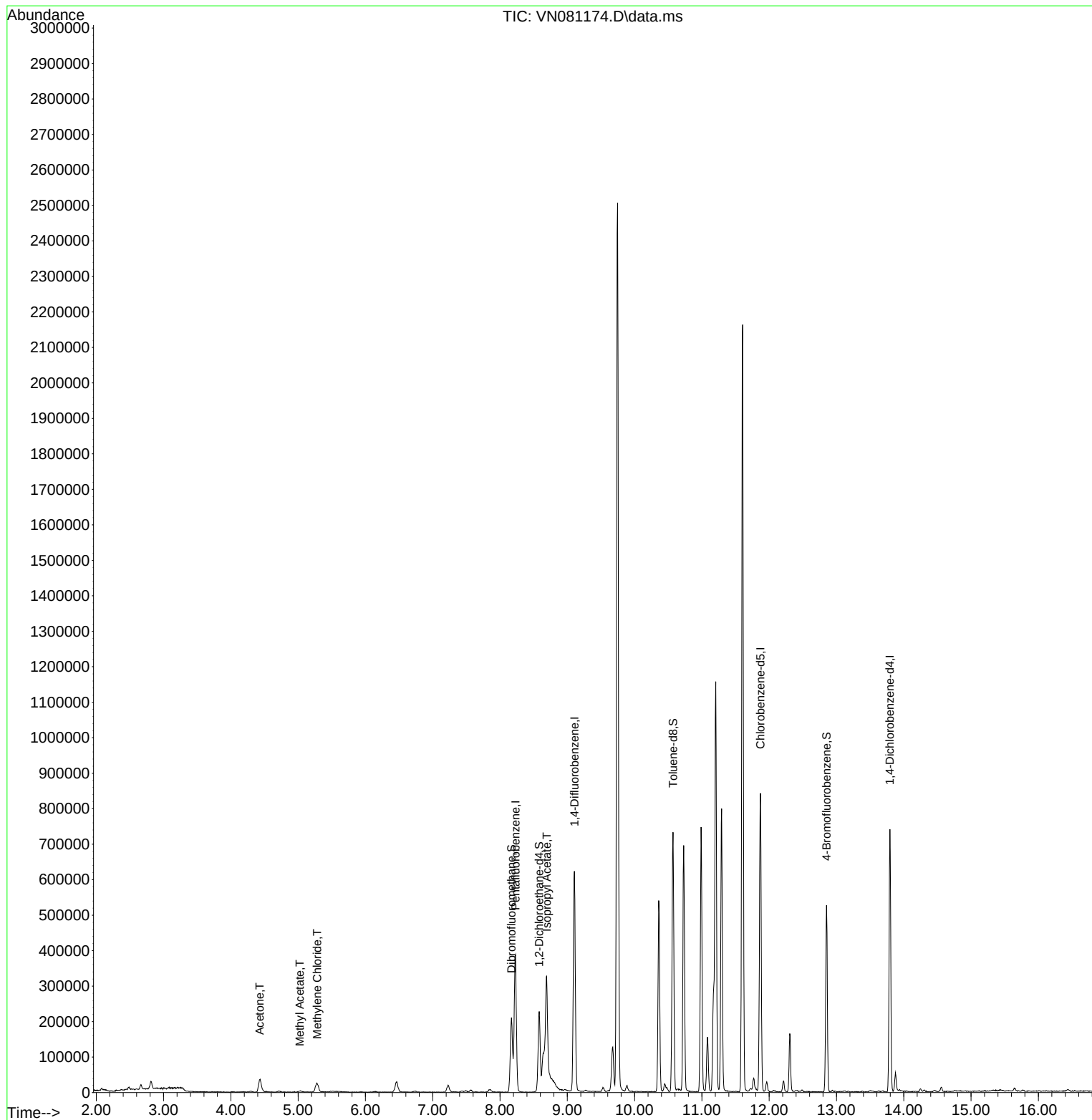
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081174.D
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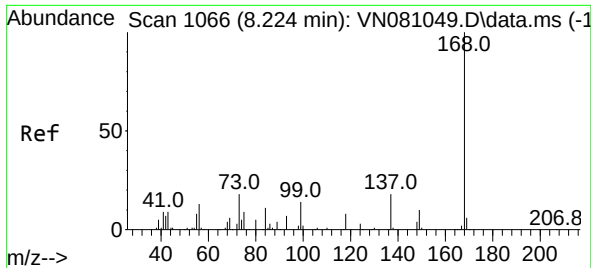
Instrument :
MSVOA_N
ClientSampleId :
SB-4

Quant Time: Feb 23 22:06:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
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Response via : Initial Calibration

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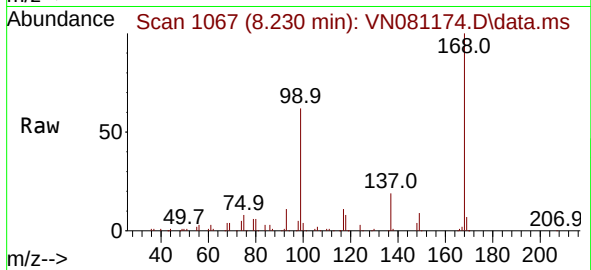
Reviewed By : John Carlone 02/26/2024
Supervised By : Mahesh Dadoda 02/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

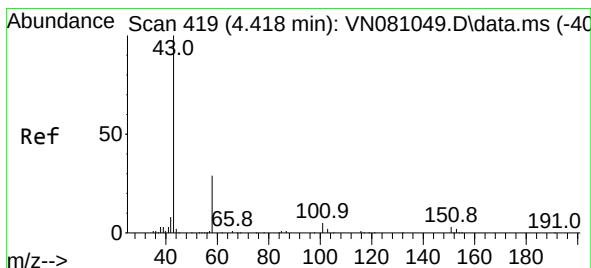
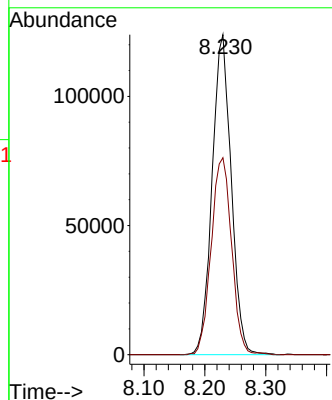
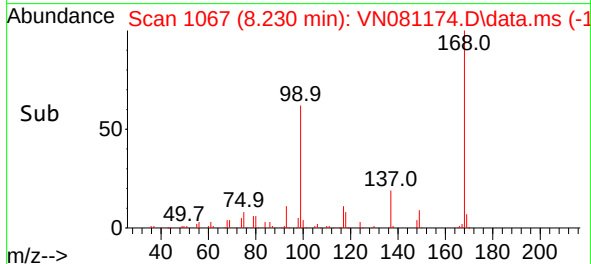
Instrument :
MSVOA_N
ClientSampleId :
SB-4



Tgt Ion:168 Resp: 269949
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9

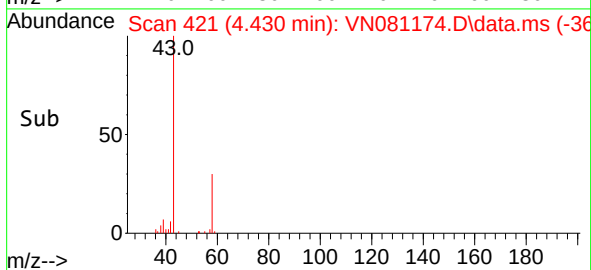
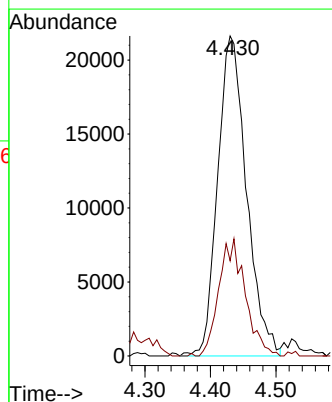
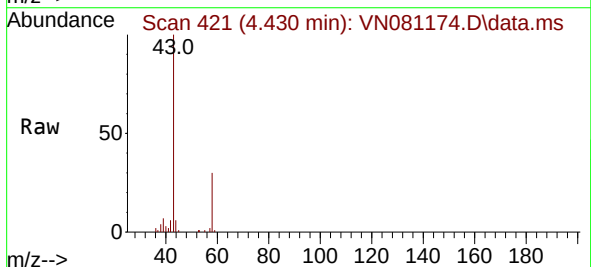
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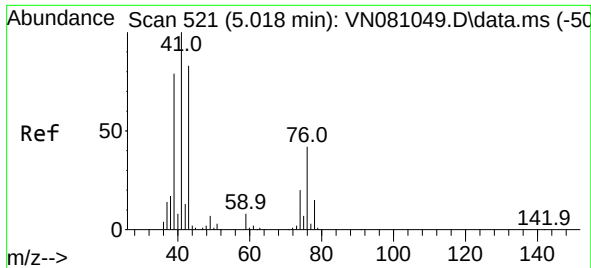
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#16
Acetone
Concen: 50.742 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Tgt Ion: 43 Resp: 66063
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





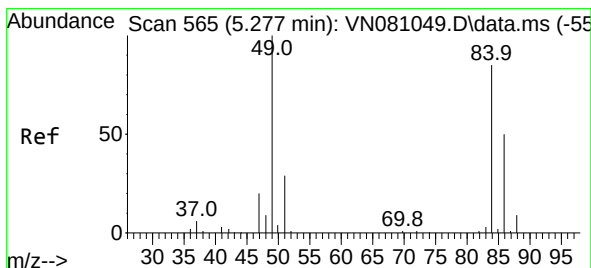
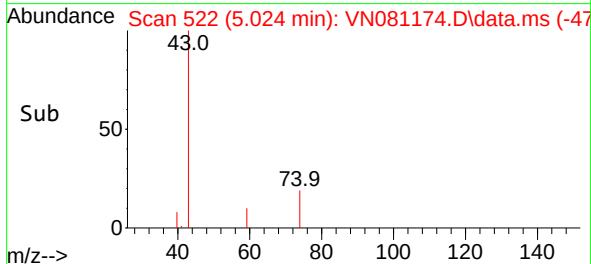
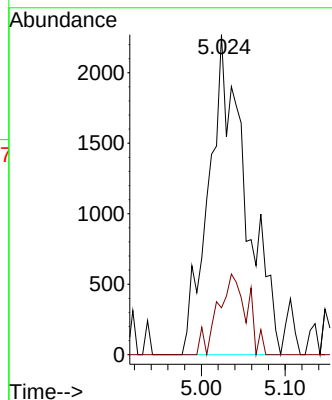
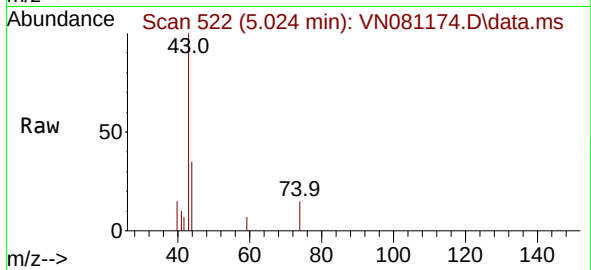
#18
Methyl Acetate
Concen: 2.178 ug/l m
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Instrument :
MSVOA_N
ClientSampleId :
SB-4

Tgt Ion: 43 Resp: 6910
Ion Ratio Lower Upper
43 100
74 19.8 17.3 25.9

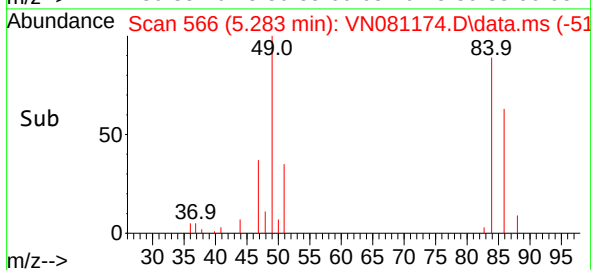
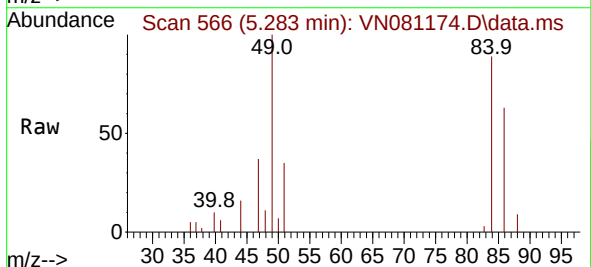
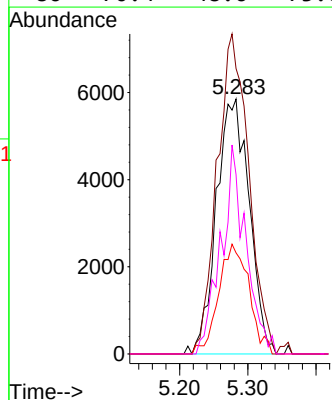
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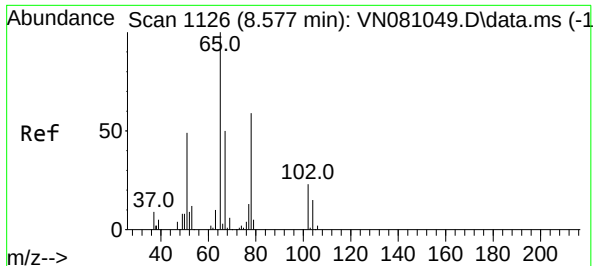
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 4.979 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Tgt Ion: 84 Resp: 19588
Ion Ratio Lower Upper
84 100
49 112.0 108.1 162.1
51 39.7 32.9 49.3
86 70.4 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 54.254 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081174.D

Acq: 23 Feb 2024 21:21

Instrument :

MSVOA_N

ClientSampleId :

SB-4

Tgt Ion: 65 Resp: 179510

Ion Ratio Lower Upper

65 100

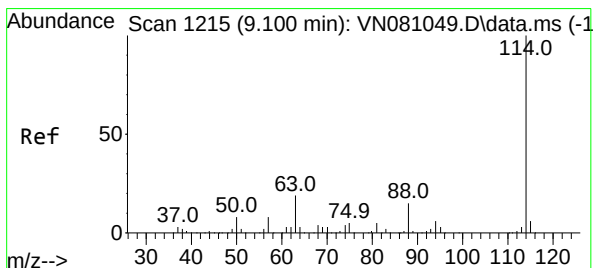
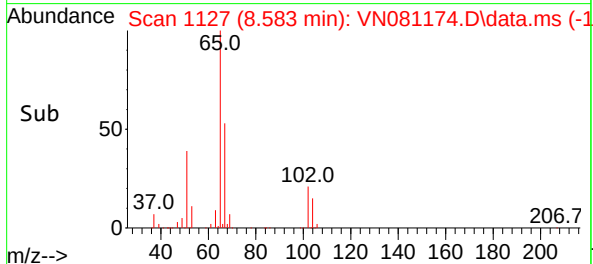
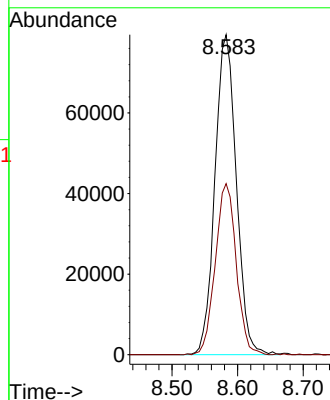
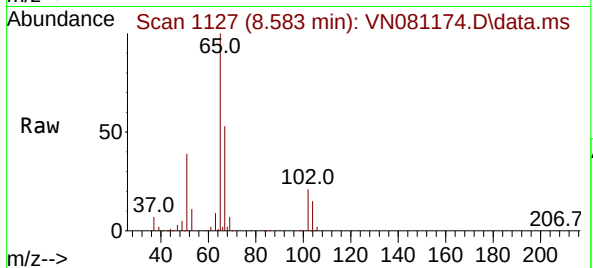
67 52.4 0.0 102.4

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: VN081174.D

Acq: 23 Feb 2024 21:21

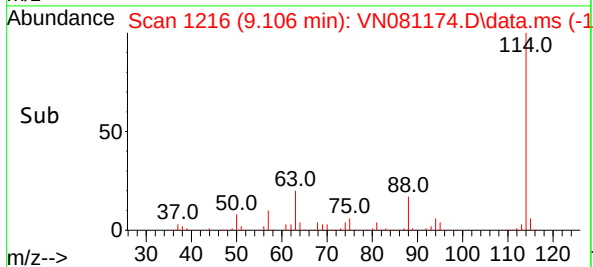
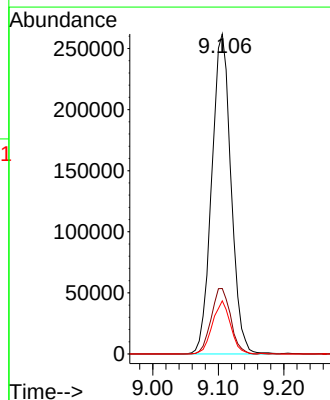
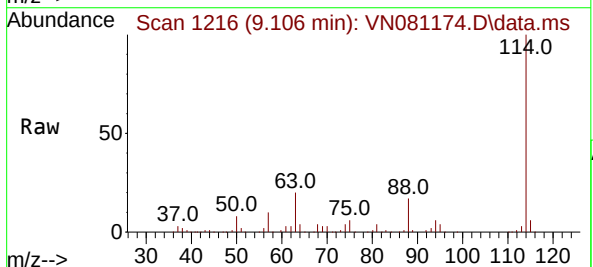
Tgt Ion:114 Resp: 534457

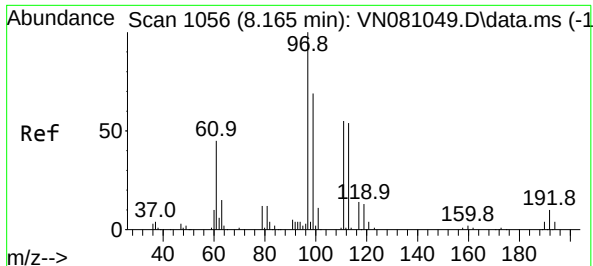
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

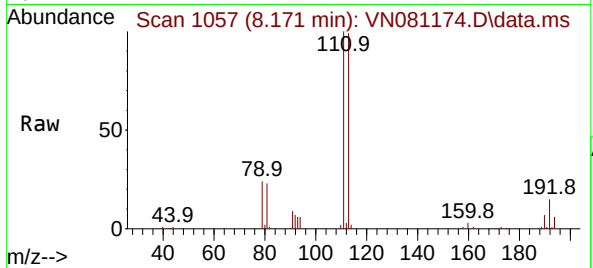
88 16.6 0.0 34.8





#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

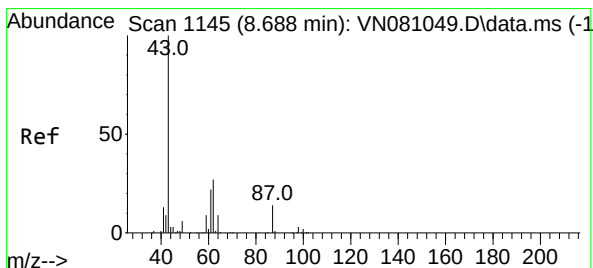
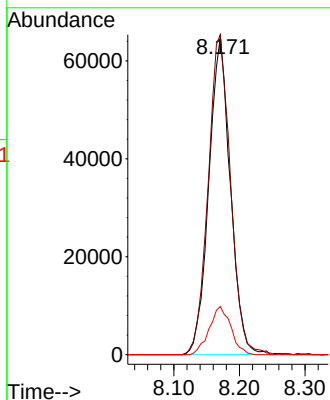
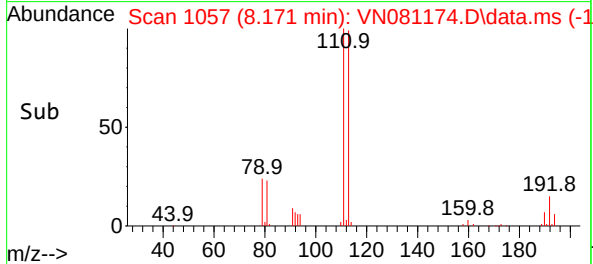
Instrument :
MSVOA_N
ClientSampleId :
SB-4



Tgt Ion:113 Resp: 147938
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 15.2 12.5 18.7

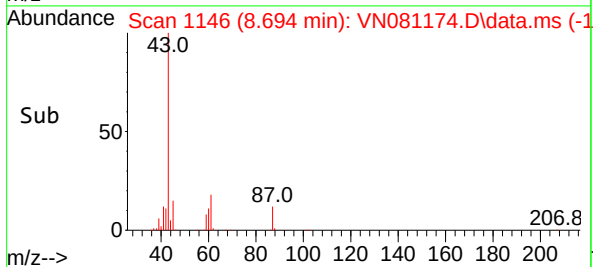
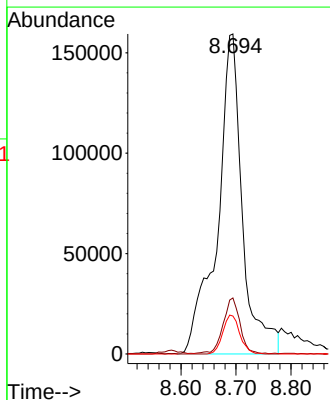
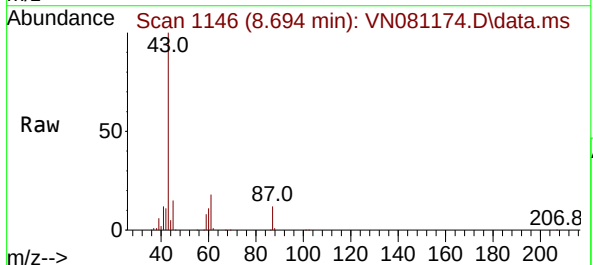
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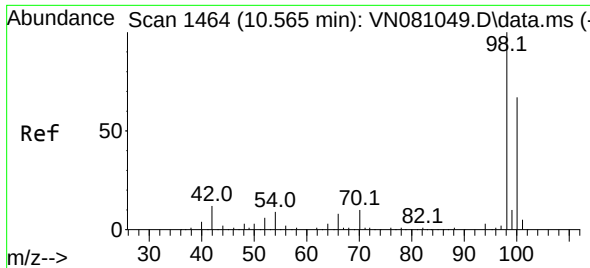
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#43
Isopropyl Acetate
Concen: 61.643 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Tgt Ion: 43 Resp: 503783
Ion Ratio Lower Upper
43 100
61 11.7 19.9 29.9#
87 8.2 9.0 13.6#





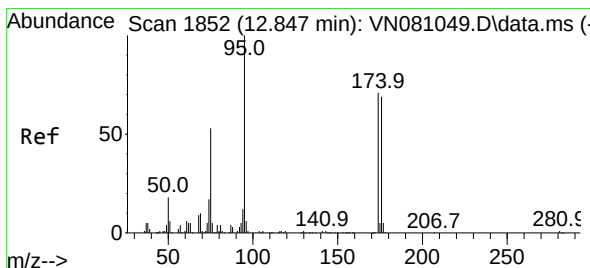
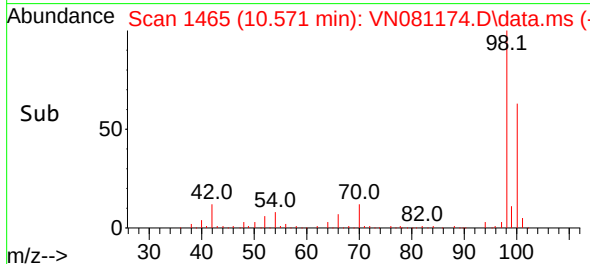
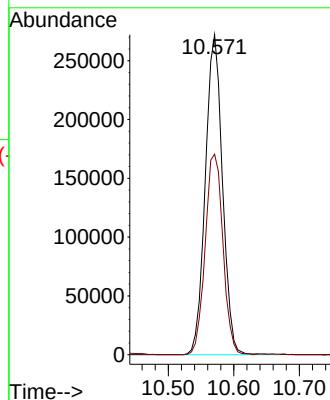
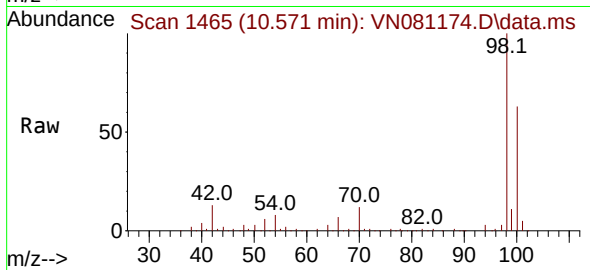
#50
Toluene-d8
Concen: 46.084 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Instrument :
MSVOA_N
ClientSampleId :
SB-4

Tgt Ion: 98 Resp: 49466
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0

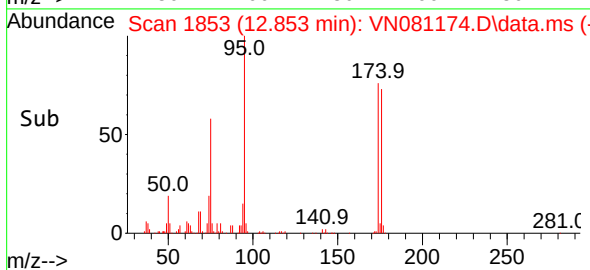
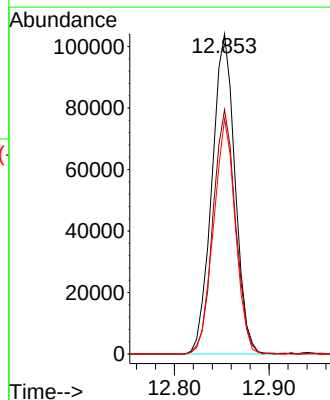
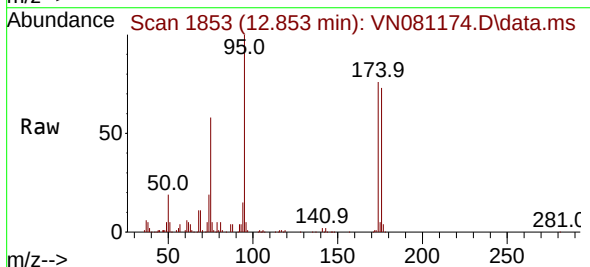
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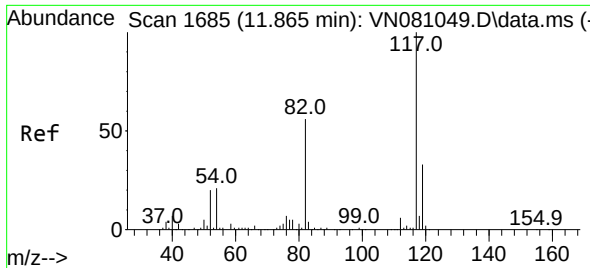
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#62
4-Bromofluorobenzene
Concen: 43.591 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Tgt Ion: 95 Resp: 175817
Ion Ratio Lower Upper
95 100
174 74.6 0.0 120.4
176 69.8 0.0 121.0





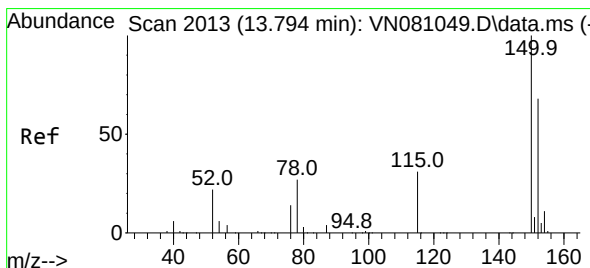
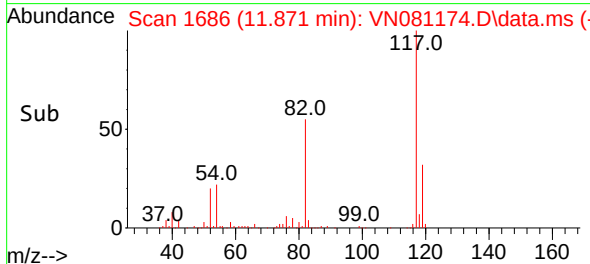
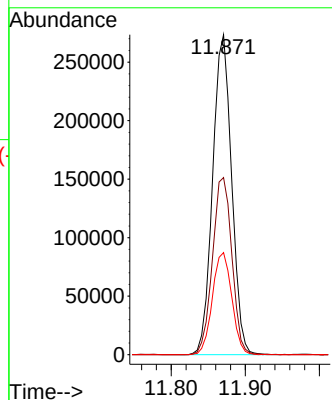
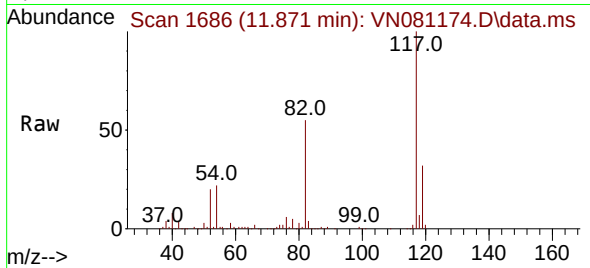
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Instrument :
MSVOA_N
ClientSampleId :
SB-4

Tgt Ion:117 Resp: 48666
Ion Ratio Lower Upper
117 100
82 55.4 52.7 79.1
119 31.9 25.3 37.9

Manual Integrations
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Supervised By :Mahesh Dadoda 02/26/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081174.D
Acq: 23 Feb 2024 21:21

Tgt Ion:152 Resp: 186954
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 163.8 0.0 339.8

