

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082076.D
 Acq On : 10 May 2024 17:45
 Operator : JC\MD
 Sample : P2422-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WCS-TP-D

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

Quant Time: May 10 23:26:02 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	8.230	168	113593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	250204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106016	55.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	110.600%	
35) Dibromofluoromethane	8.171	113	77013	51.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	102.240%	
50) Toluene-d8	10.571	98	325274	54.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	109.960%	
62) 4-Bromofluorobenzene	12.847	95	105958	45.304	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	=	90.600%	
Target Compounds						
16) Acetone	4.424	43	32182	52.446	ug/l	Qvalue 92
20) Methylene Chloride	5.271	84	9047m	5.506	ug/l	
37) Ethyl Acetate	7.565	43	5659	2.136	ug/l #	81
40) Benzene	8.600	78	27959	3.800	ug/l	95
43) Isopropyl Acetate	8.688	43	314283	63.078	ug/l #	71
52) Toluene	10.630	92	5587	1.268	ug/l	93

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

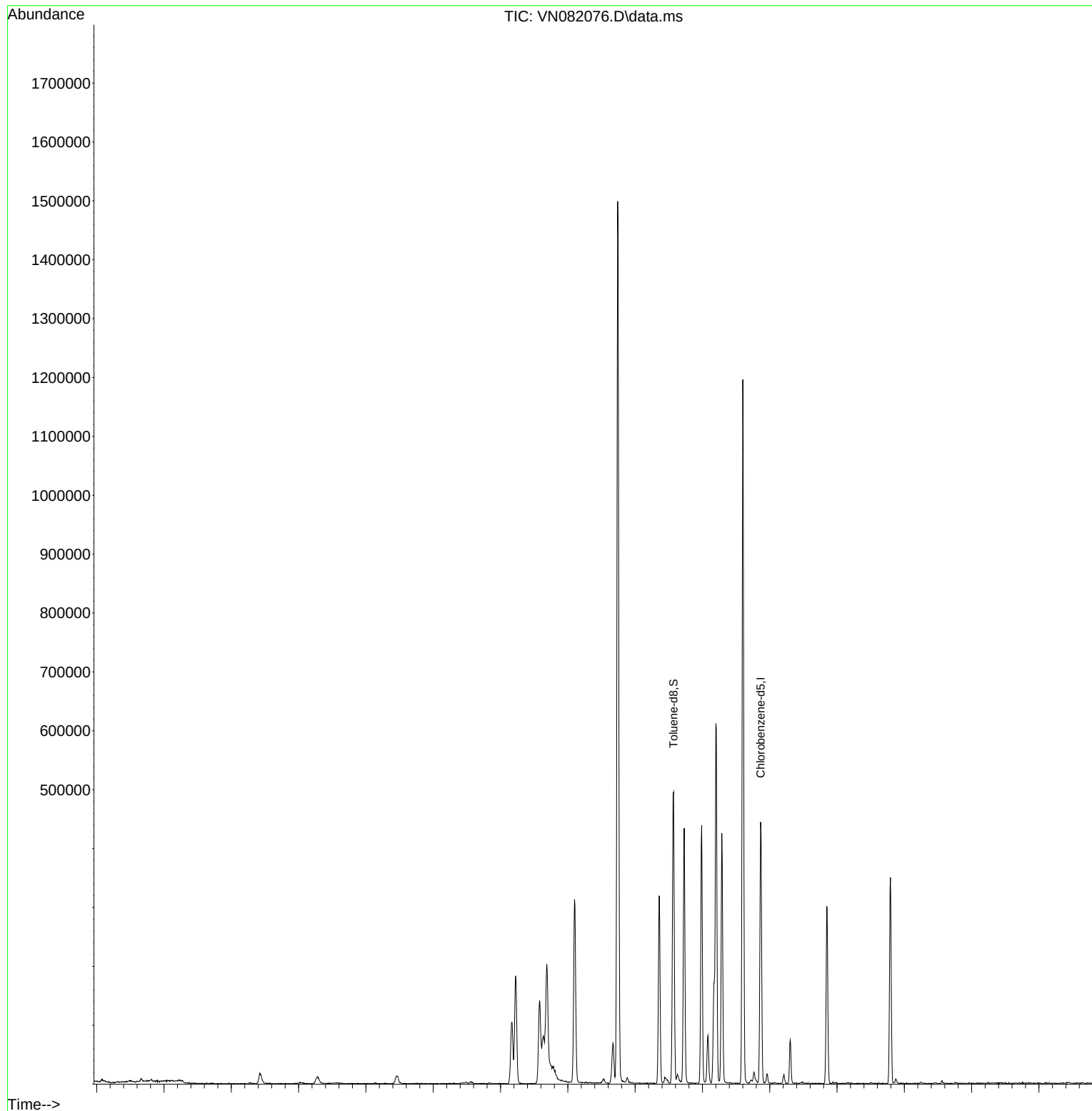
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082076.D
Acq On : 10 May 2024 17:45
Operator : JC\MD
Sample : P2422-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

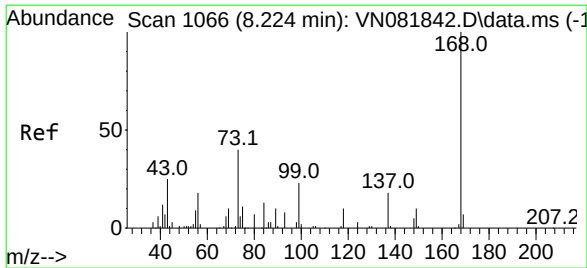
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-D

Quant Time: May 10 23:26:02 2024
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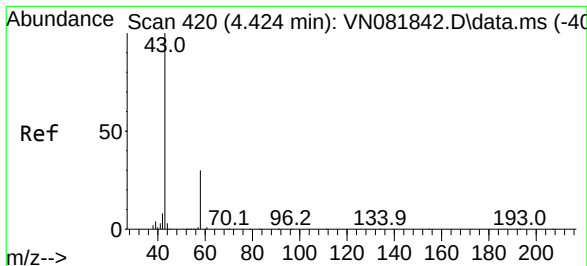
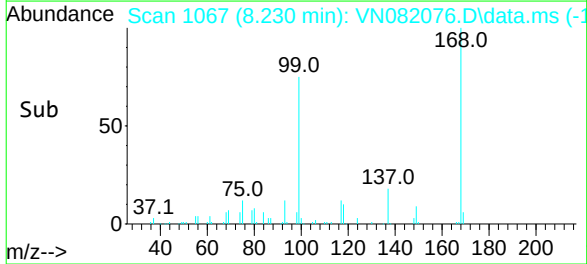
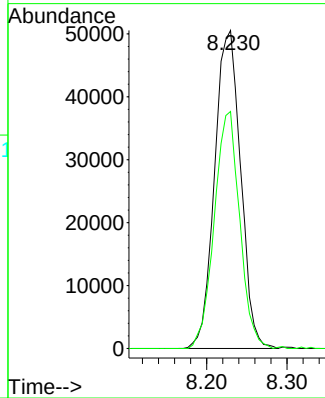
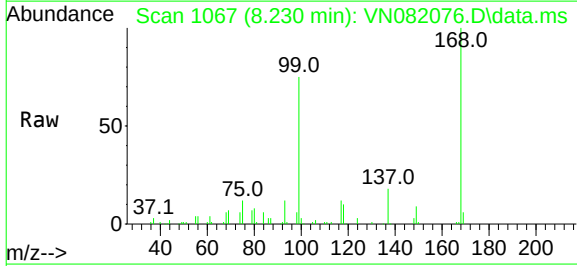
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-D

Tgt Ion:168 Resp: 113593
Ion Ratio Lower Upper
168 100
99 74.5 48.2 72.4#

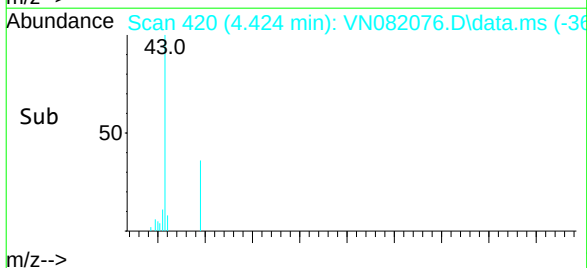
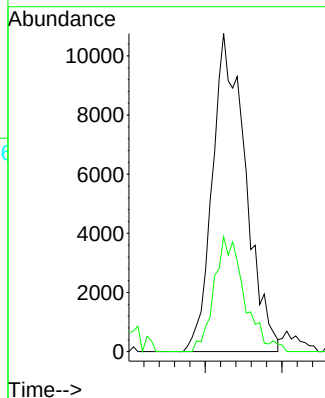
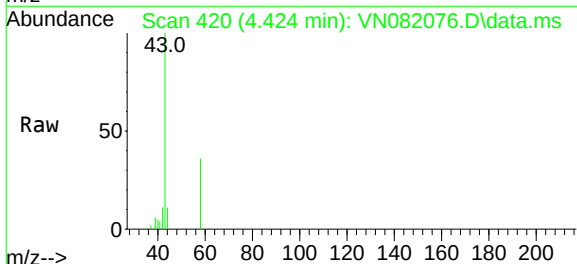
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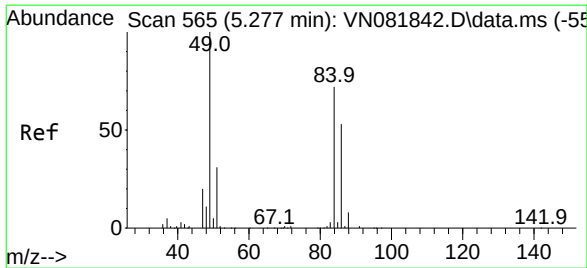
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#16
Acetone
Concen: 52.446 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

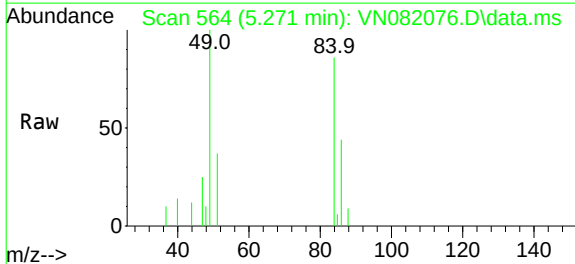
Tgt Ion: 43 Resp: 32182
Ion Ratio Lower Upper
43 100
58 36.1 25.2 37.8





#20
Methylene Chloride
Concen: 5.506 ug/l m
RT: 5.271 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

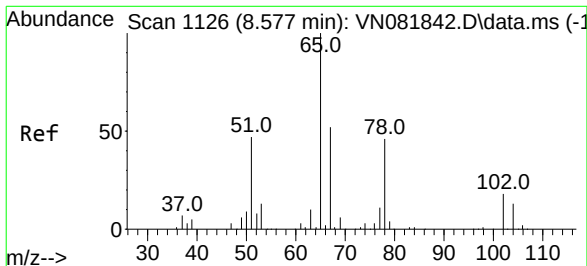
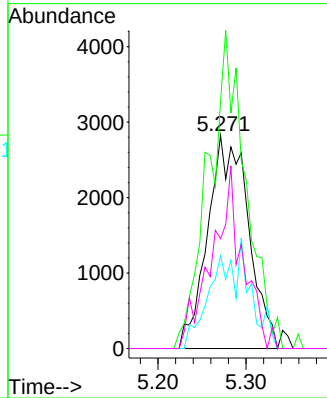
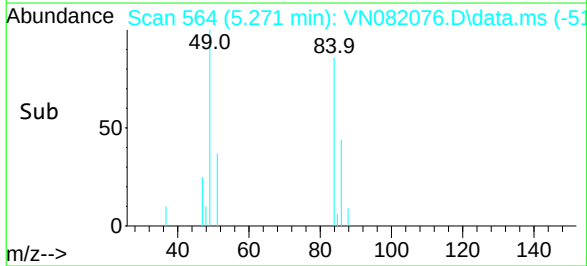
Instrument : MSVOA_N
ClientSampleId : WCS-TP-D



Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	84.9	127.3
51	43.5	27.0	40.6
86	51.5	52.3	78.5

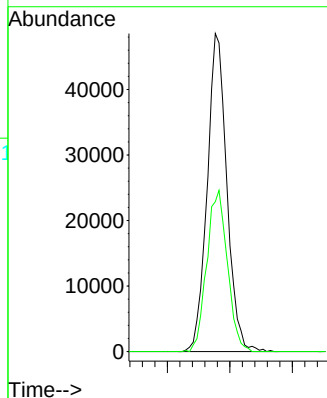
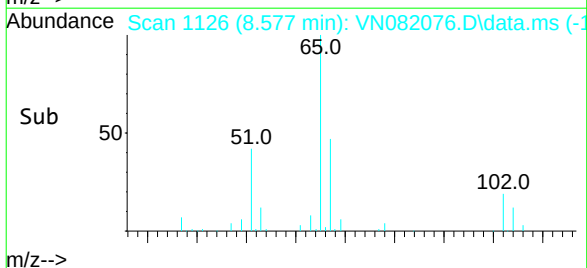
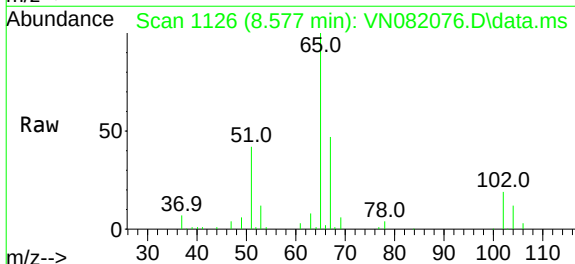
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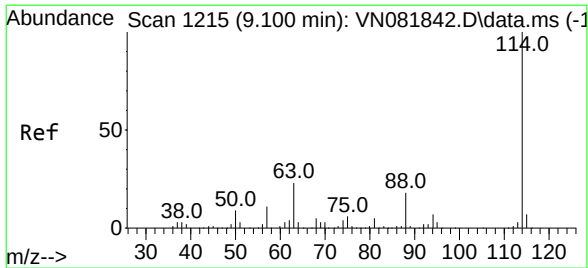
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#33
1,2-Dichloroethane-d4
Concen: 55.299 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.0





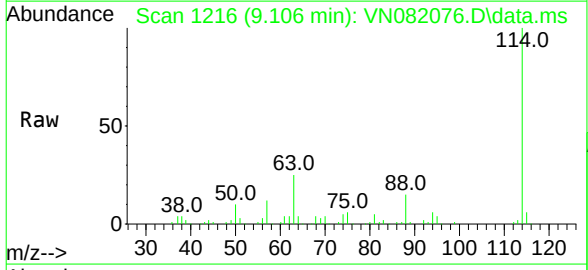
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP-D



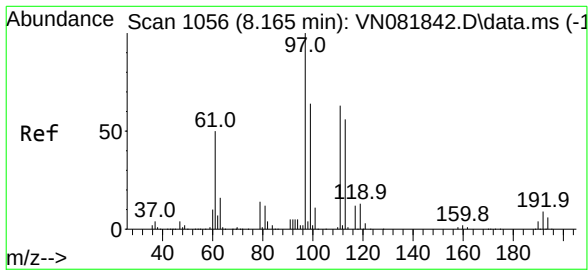
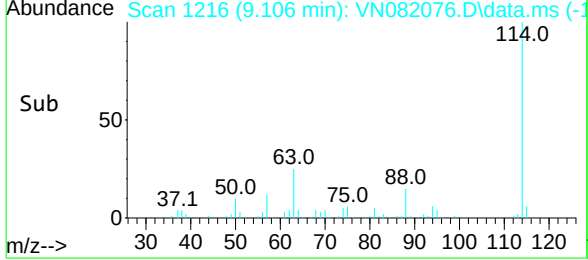
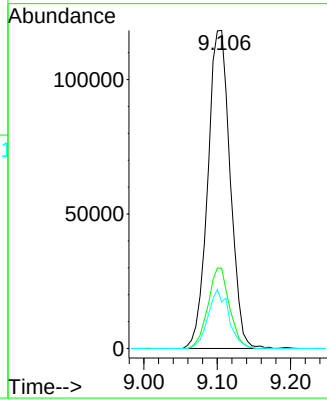
Tgt Ion:	114	Resp:	250204
Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	41.0
88	14.6	0.0	31.4

Manual Integrations

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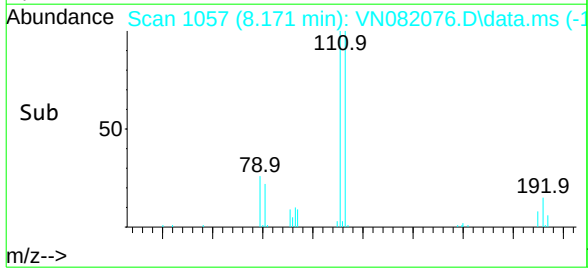
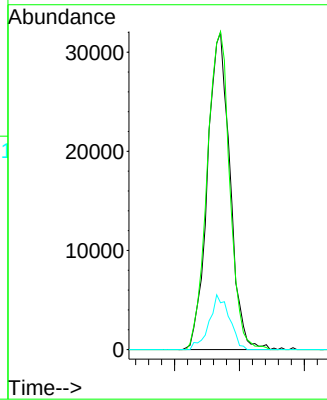
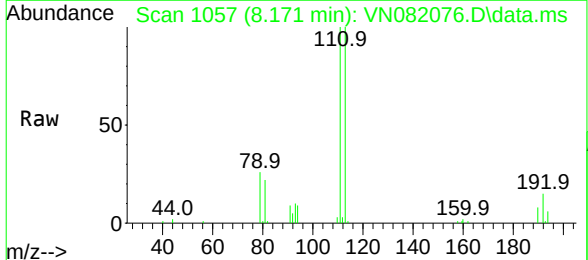
Reviewed By :John Carlone 05/13/2024

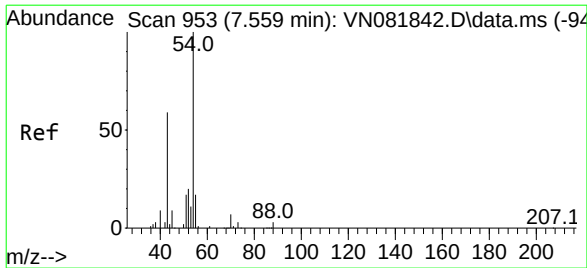
Supervised By :Mahesh Dadoda 05/13/2024



#35
Dibromofluoromethane
Concen: 51.122 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

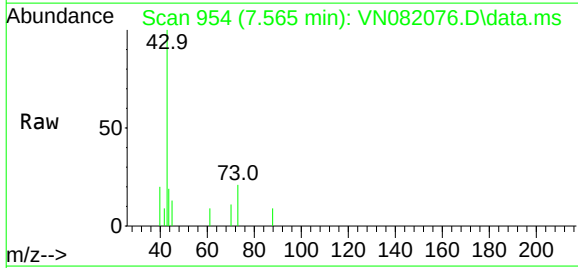
Tgt Ion:	113	Resp:	77013
Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.4	125.2
192	15.5	14.0	21.0





#37
Ethyl Acetate
Concen: 2.136 ug/l
RT: 7.565 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

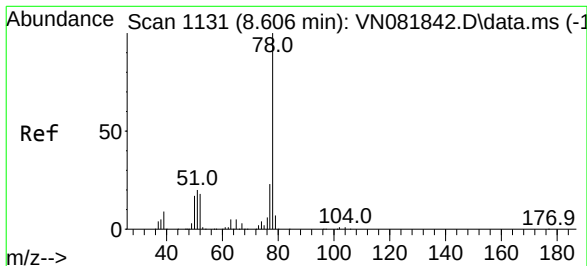
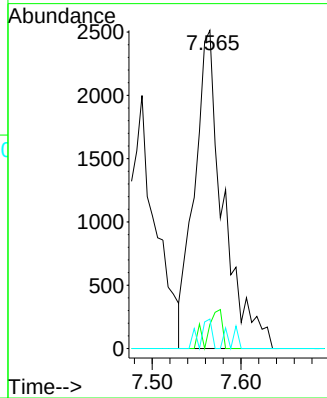
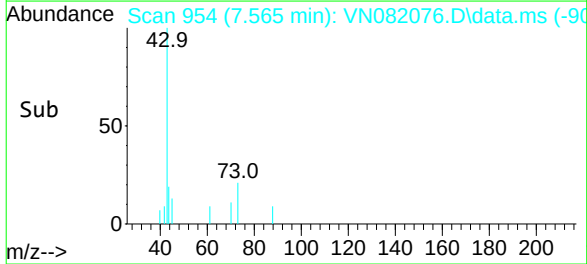
Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-D



Tgt Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
61 6.1 11.3 16.9#
70 3.7 8.7 13.1#

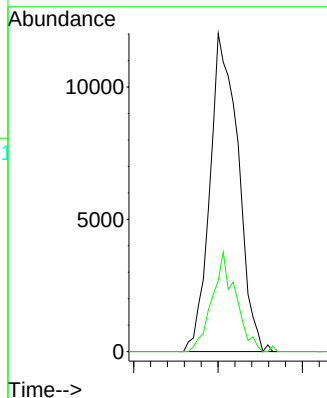
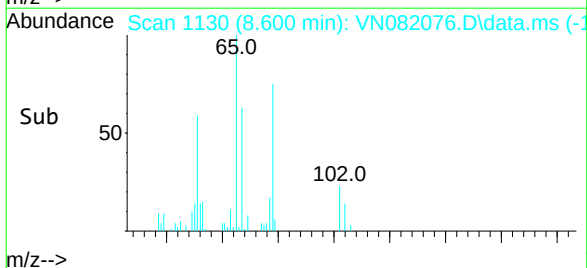
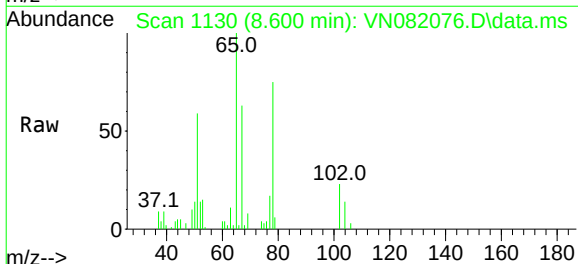
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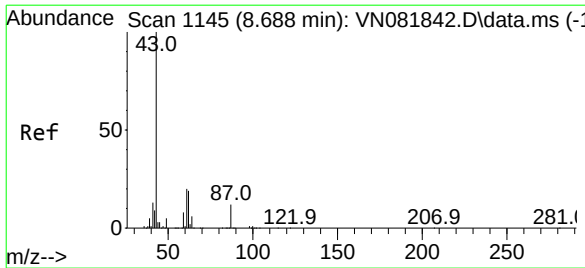
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#40
Benzene
Concen: 3.800 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Tgt Ion: 78 Resp: 27959
Ion Ratio Lower Upper
78 100
77 22.3 20.0 30.0





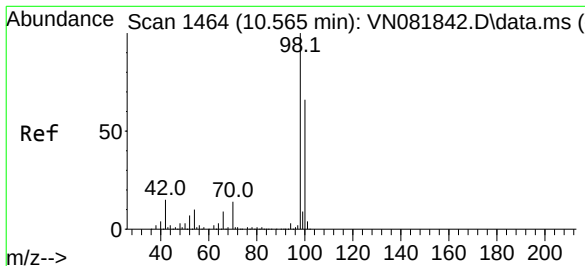
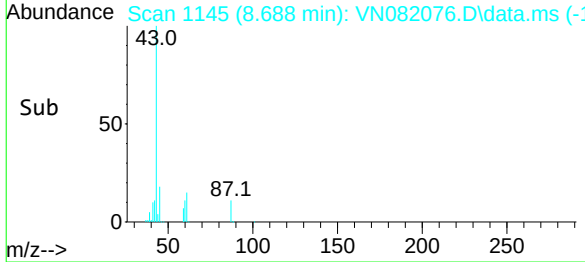
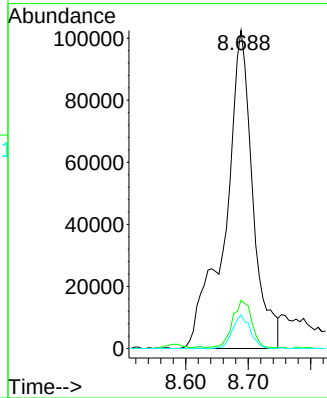
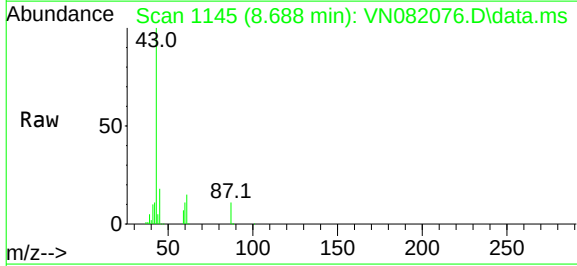
#43
Isopropyl Acetate
Concen: 63.078 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-D

Tgt Ion: 43 Resp: 314283
Ion Ratio Lower Upper
43 100
61 10.5 22.8 34.2#
87 6.7 12.0 18.0#

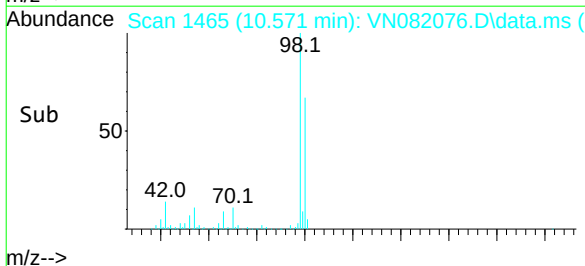
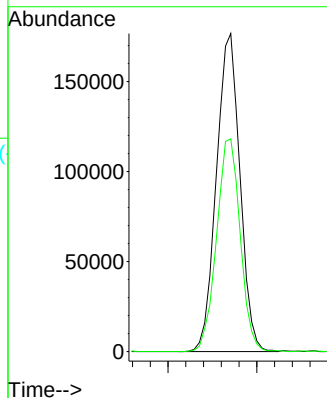
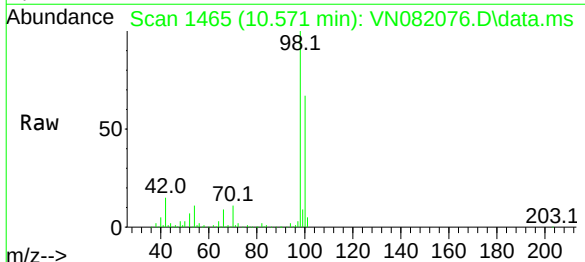
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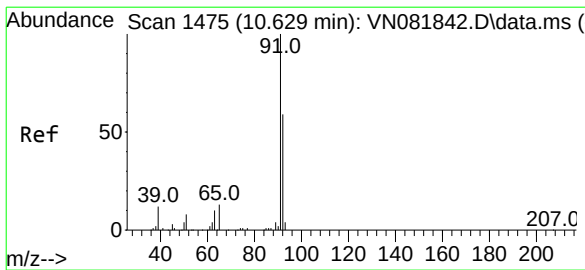
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#50
Toluene-d8
Concen: 54.978 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Tgt Ion: 98 Resp: 325274
Ion Ratio Lower Upper
98 100
100 67.3 51.8 77.6





#52

Toluene

Concen: 1.268 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN082076.D

Acq: 10 May 2024 17:45

Instrument :

MSVOA_N

ClientSampleId :

WCS-TP-D

Tgt Ion: 92 Resp: 5587

Ion Ratio Lower Upper

92 100

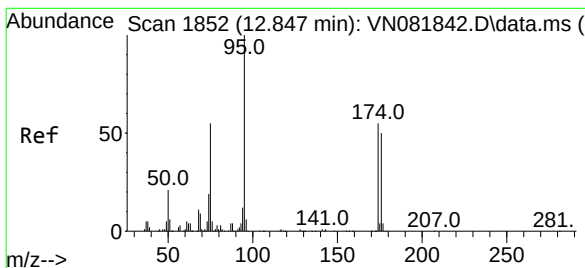
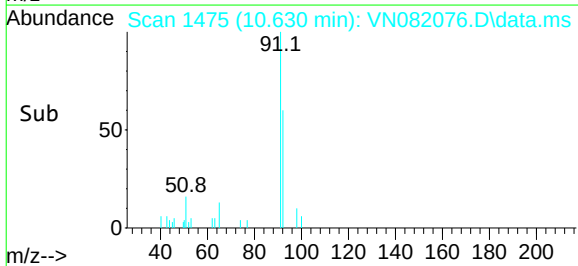
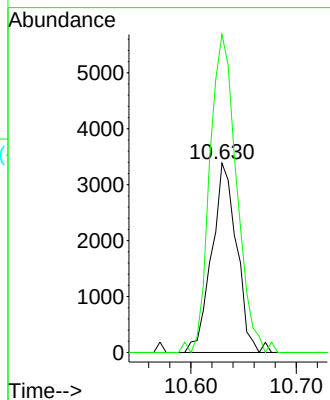
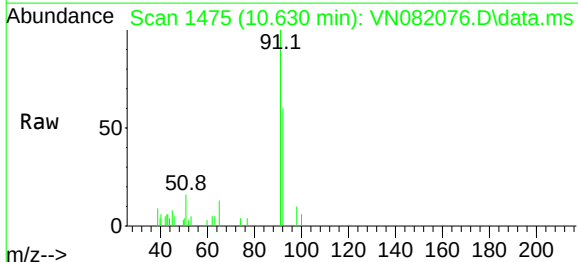
91 180.1 136.7 205.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#62

4-Bromofluorobenzene

Concen: 45.304 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN082076.D

Acq: 10 May 2024 17:45

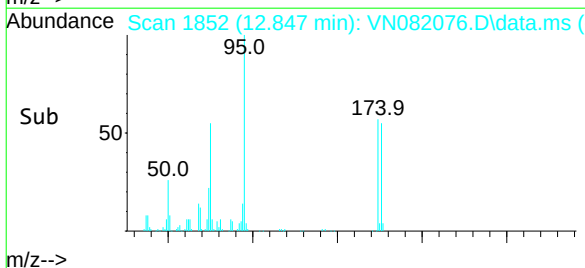
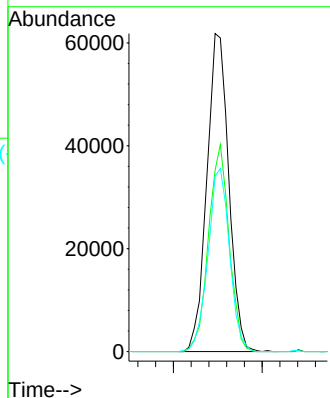
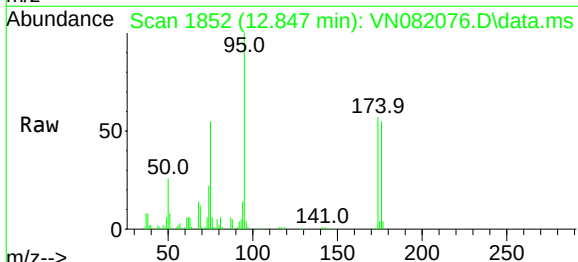
Tgt Ion: 95 Resp: 105958

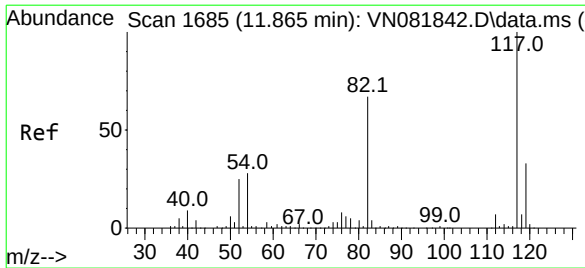
Ion Ratio Lower Upper

95 100

174 61.2 0.0 160.6

176 56.7 0.0 152.8





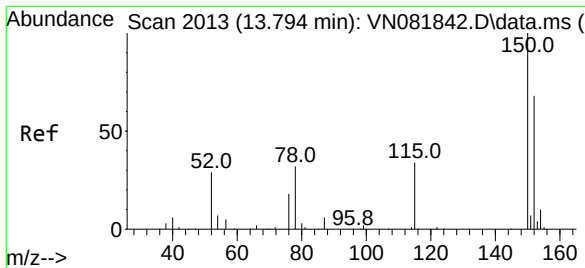
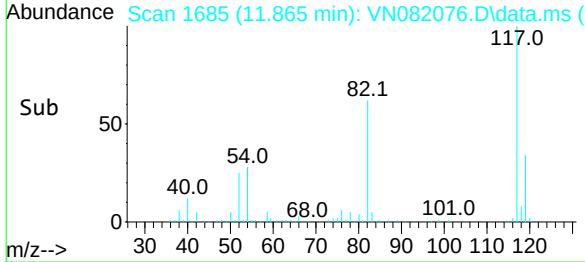
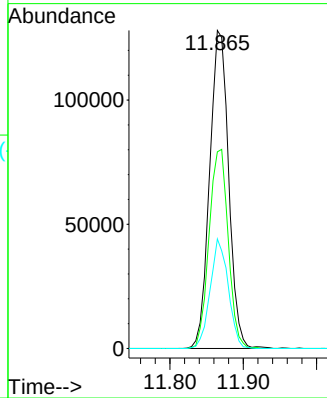
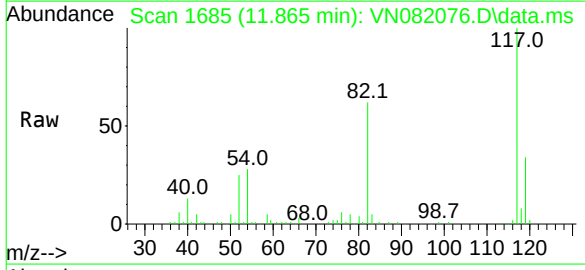
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Instrument :
MSVOA_N
ClientSampleId :
WCS-TP-D

Tgt Ion:117 Resp: 230410
Ion Ratio Lower Upper
117 100
82 61.8 44.6 66.8
119 34.4 25.9 38.9

Manual Integrations
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Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082076.D
Acq: 10 May 2024 17:45

Tgt Ion:152 Resp: 82765
Ion Ratio Lower Upper
152 100
115 65.2 30.4 91.3
150 158.9 0.0 353.2

