

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081502.D
 Acq On : 20 Mar 2024 18:34
 Operator : JC\MD
 Sample : P1616-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 146-BAY-AVENUE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:24:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	548202	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	936968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	822658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	349756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	328549	46.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.000%		
35) Dibromofluoromethane	8.171	113	280117	47.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	10.571	98	1081155	50.579	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.160%		
62) 4-Bromofluorobenzene	12.847	95	365345	48.506	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	97.020%		
Target Compounds						Qvalue
16) Acetone	4.424	43	57574	25.483	ug/l	94
20) Methylene Chloride	5.283	84	62297	8.418	ug/l	88
25) 2-Butanone	7.483	43	55066	14.210	ug/l	98
30) Chloroform	7.977	83	13647	1.010	ug/l	84
37) Ethyl Acetate	7.559	43	9438	1.108	ug/l #	88
40) Benzene	8.606	78	42575	1.463	ug/l #	88
43) Isopropyl Acetate	8.688	43	377629m	26.735	ug/l	
52) Toluene	10.635	92	56661	3.064	ug/l	92

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

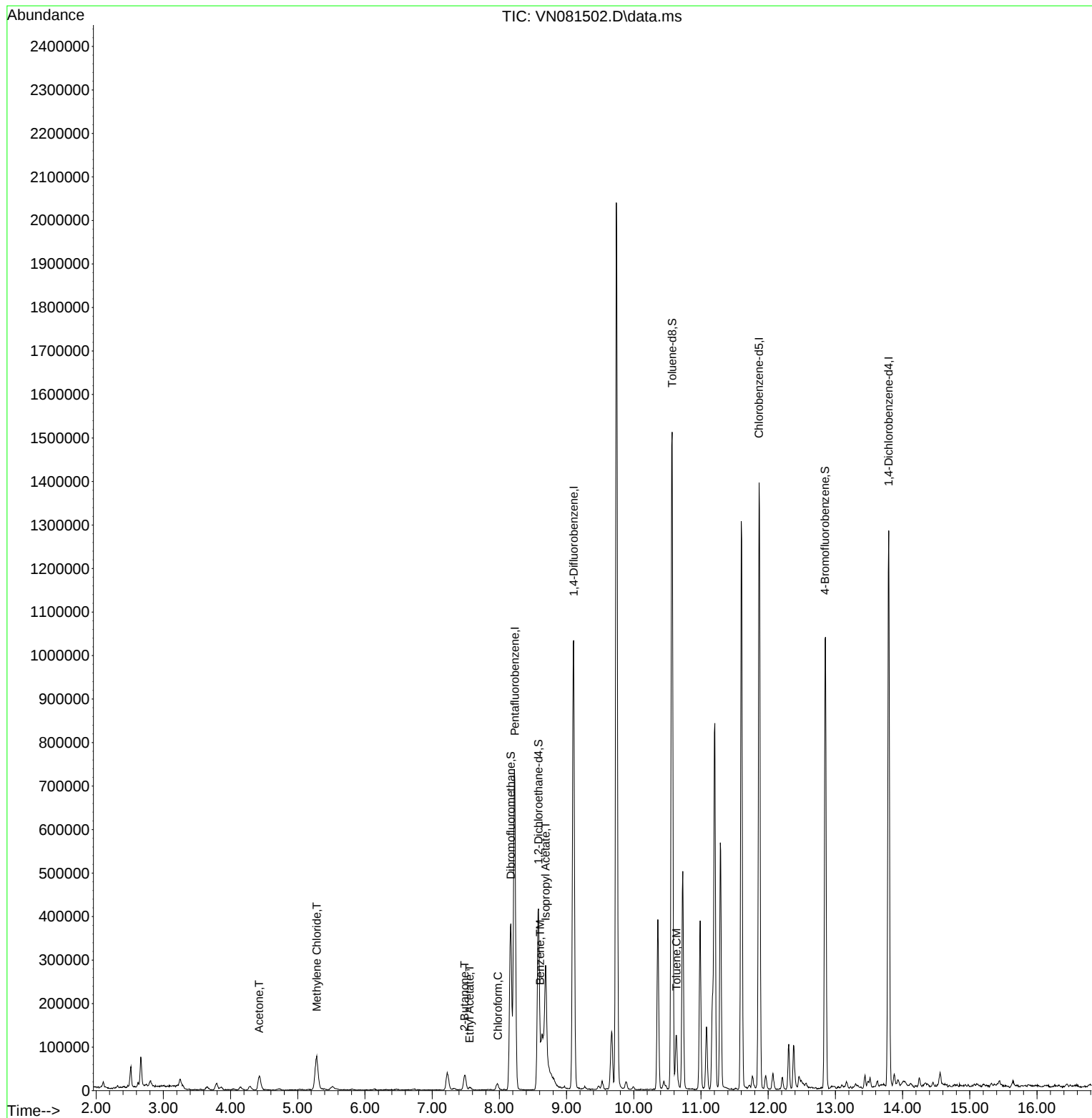
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
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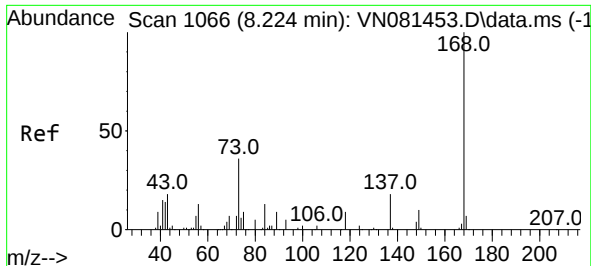
Instrument :
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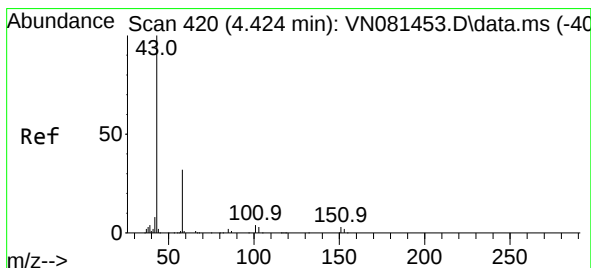
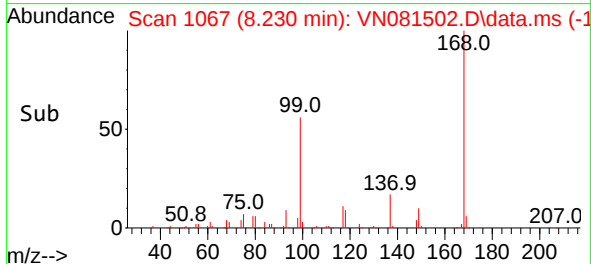
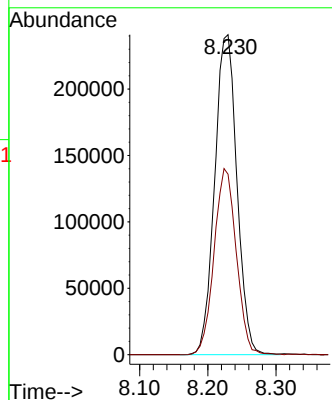
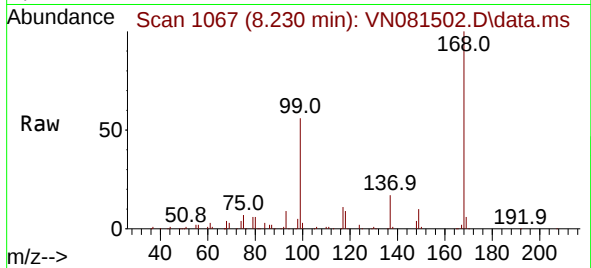
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :
146-BAY-AVENUE

Tgt Ion:168 Resp: 54820
Ion Ratio Lower Upper
168 100
99 56.4 59.9 89.9

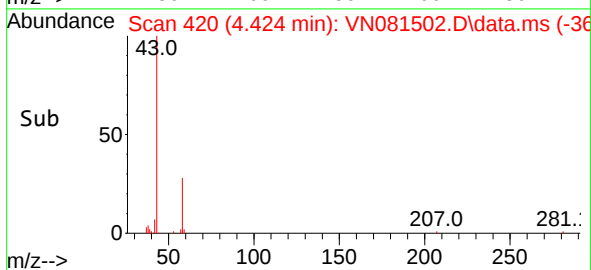
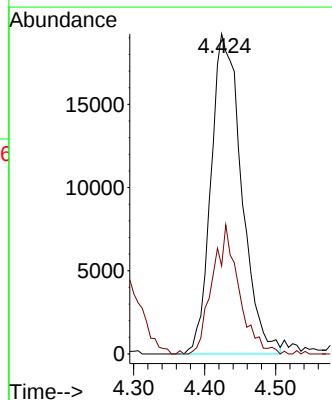
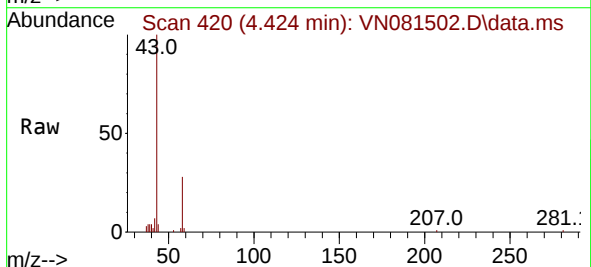
Manual Integrations
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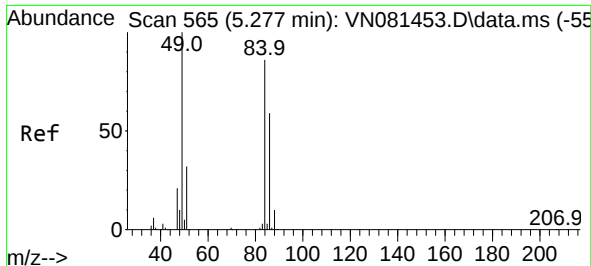
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#16
Acetone
Concen: 25.483 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

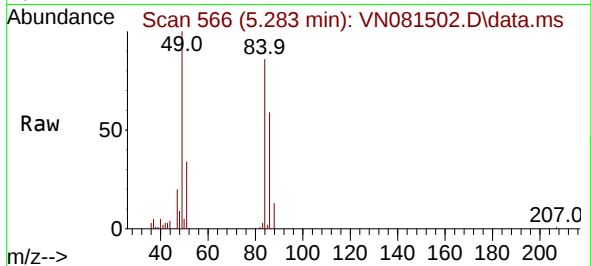
Tgt Ion: 43 Resp: 57574
Ion Ratio Lower Upper
43 100
58 27.5 24.8 37.2





#20
Methylene Chloride
Concen: 8.418 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

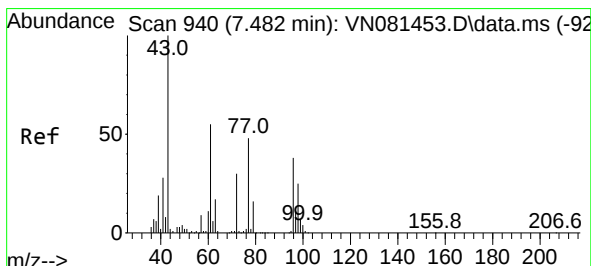
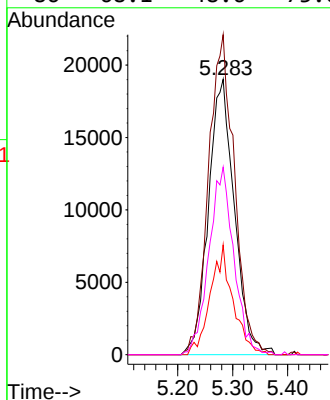
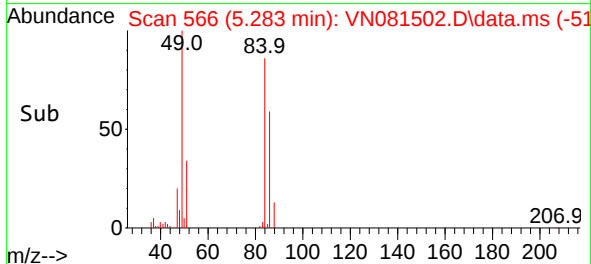
Instrument :
MSVOA_N
ClientSampleId :
146-BAY-AVENUE



Tgt Ion: 84 Resp: 6229
Ion Ratio Lower Upper
84 100
49 116.2 108.1 162.1
51 39.9 32.9 49.3
86 68.1 48.6 73.0

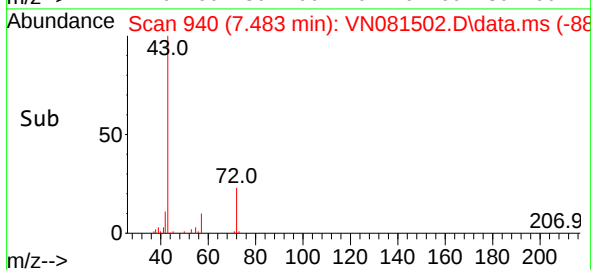
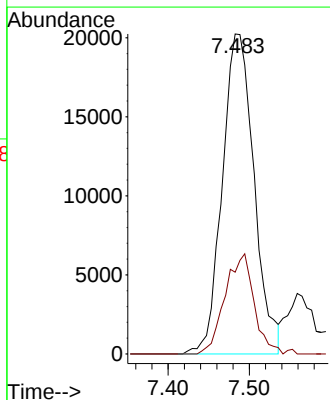
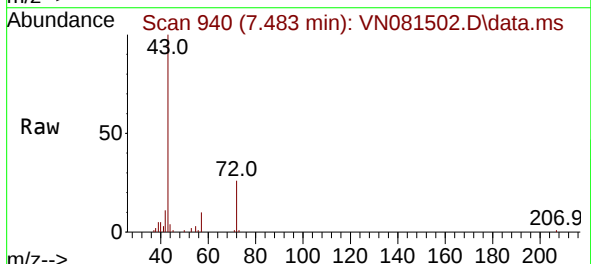
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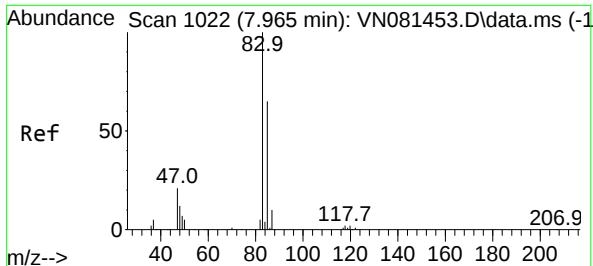
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#25
2-Butanone
Concen: 14.210 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

Tgt Ion: 43 Resp: 55066
Ion Ratio Lower Upper
43 100
72 25.6 19.5 29.3





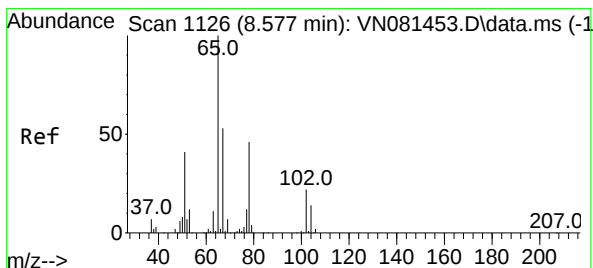
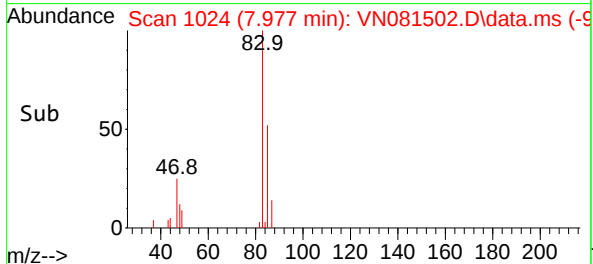
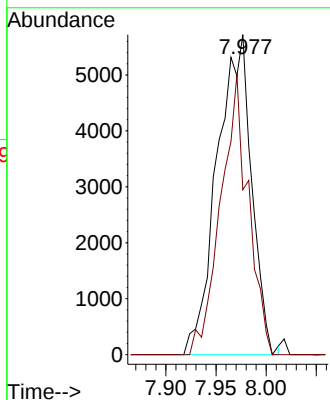
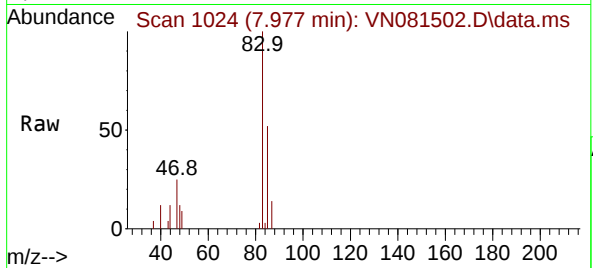
#30
Chloroform
Concen: 1.010 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :
146-BAY-AVENUE

Tgt Ion: 83 Resp: 1364
Ion Ratio Lower Upper
83 100
85 51.6 51.0 76.6

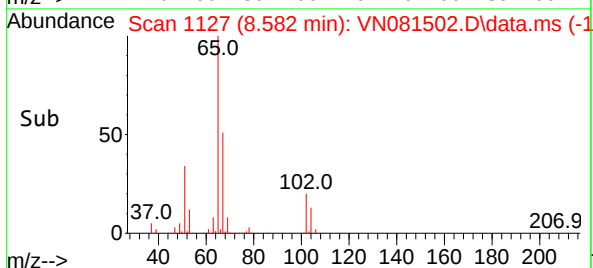
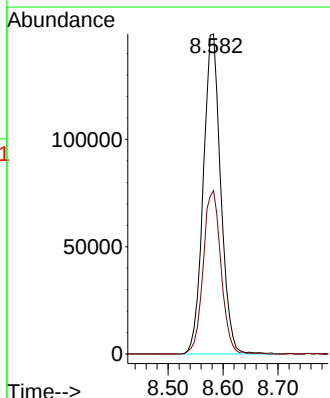
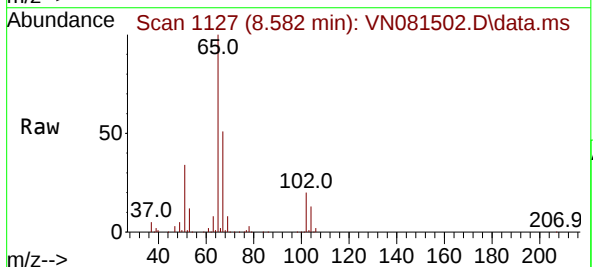
Manual Integrations
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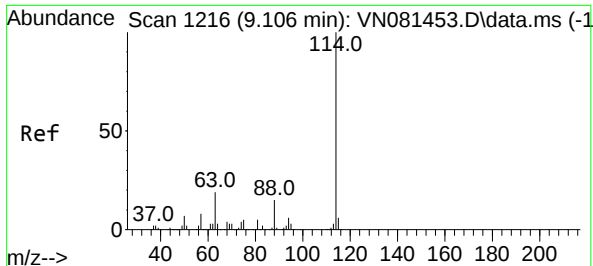
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#33
1,2-Dichloroethane-d4
Concen: 46.996 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

Tgt Ion: 65 Resp: 328549
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081502.D

Acq: 20 Mar 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :

146-BAY-AVENUE

Tgt Ion:114 Resp: 93696

Ion Ratio Lower Upper

114 100

63 18.9 0.0 48.0

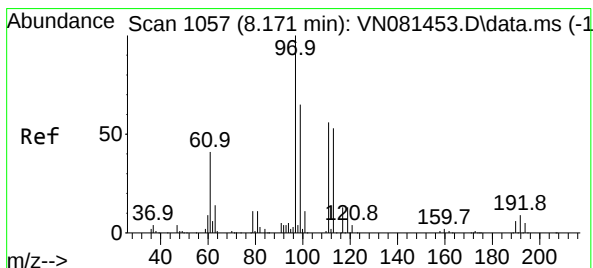
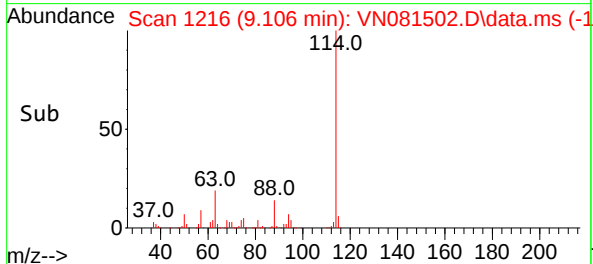
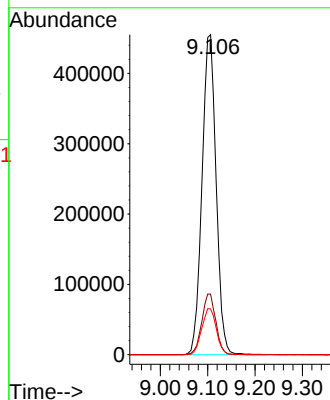
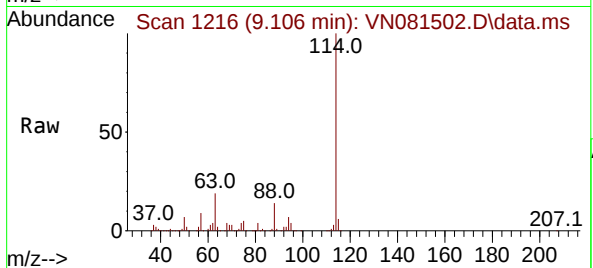
88 14.3 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#35

Dibromofluoromethane

Concen: 47.371 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081502.D

Acq: 20 Mar 2024 18:34

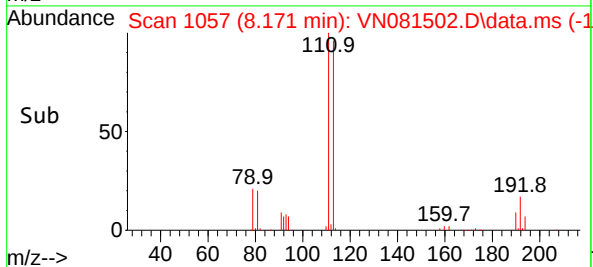
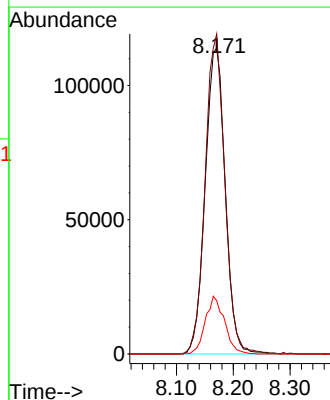
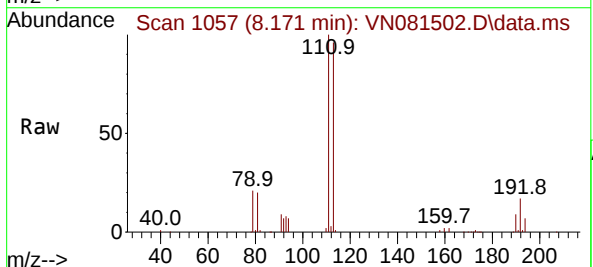
Tgt Ion:113 Resp: 280117

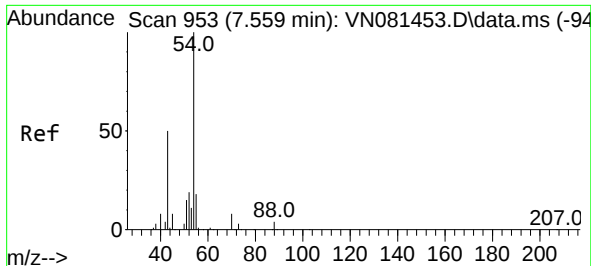
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

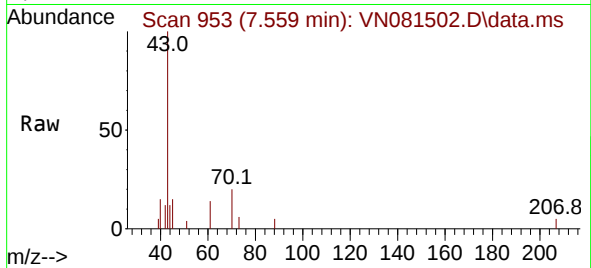
192 18.0 12.5 18.7





#37
Ethyl Acetate
Concen: 1.108 ug/l
RT: 7.559 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

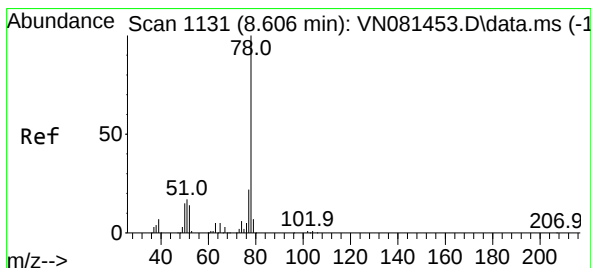
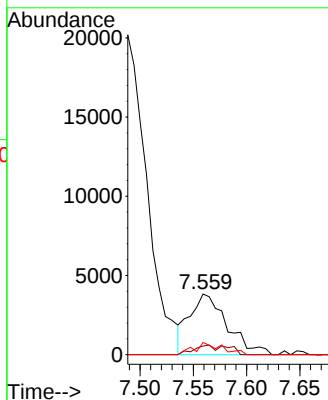
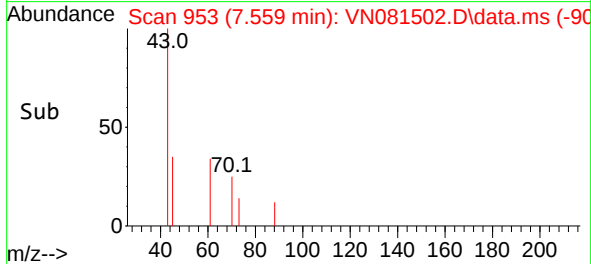
Instrument :
MSVOA_N
ClientSampleId :
146-BAY-AVENUE



Tgt Ion: 43 Resp: 9438
Ion Ratio Lower Upper
43 100
61 8.5 10.6 15.8
70 14.8 8.0 12.0

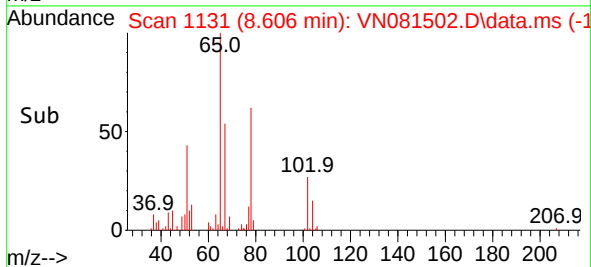
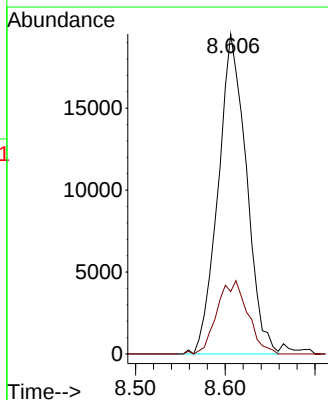
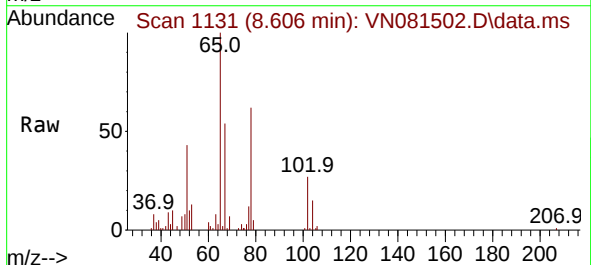
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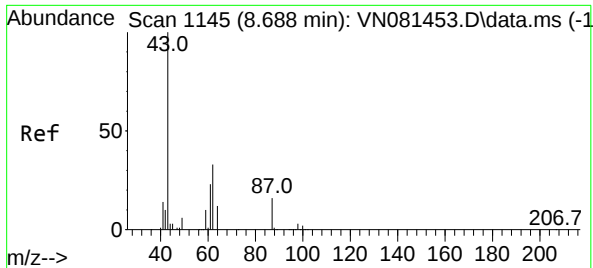
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#40
Benzene
Concen: 1.463 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

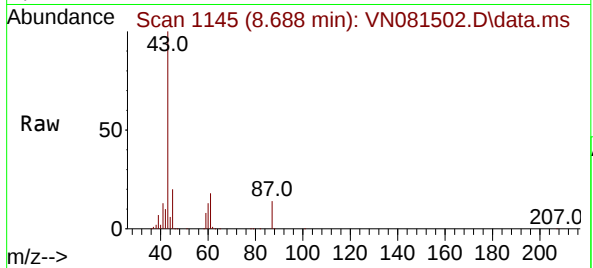
Tgt Ion: 78 Resp: 42575
Ion Ratio Lower Upper
78 100
77 19.5 20.4 30.6





#43
Isopropyl Acetate
Concen: 26.735 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

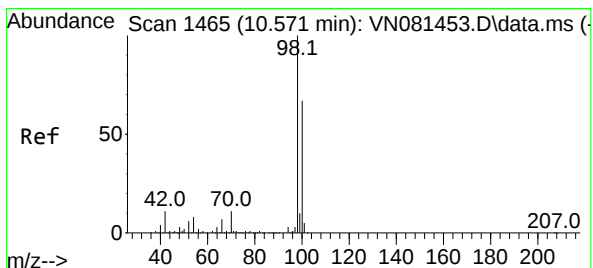
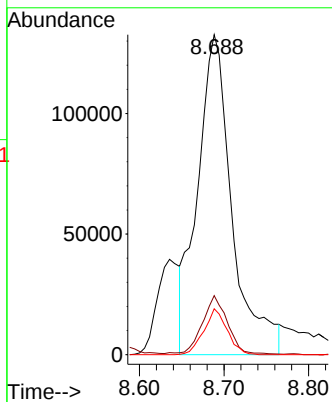
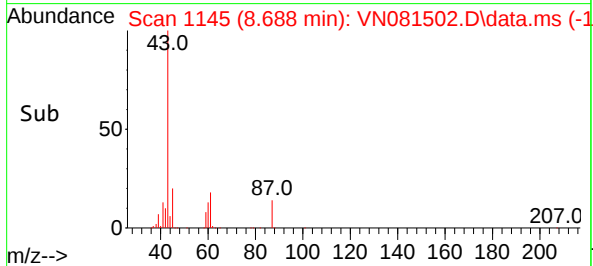
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146-BAY-AVENUE



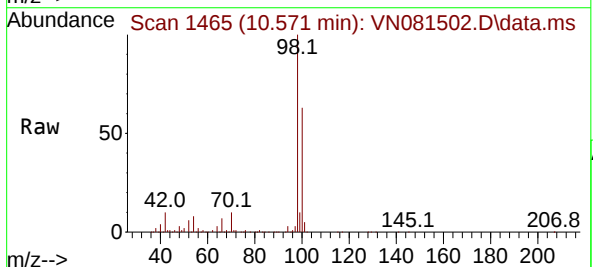
Tgt Ion: 43 Resp: 377629
Ion Ratio Lower Upper
43 100
61 13.4 19.9 29.9
87 9.7 9.0 13.6

Manual Integrations
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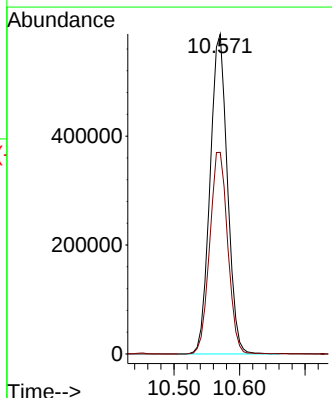
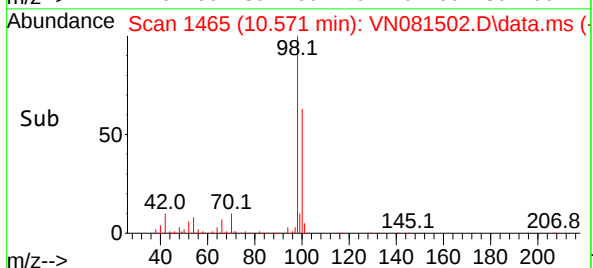
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

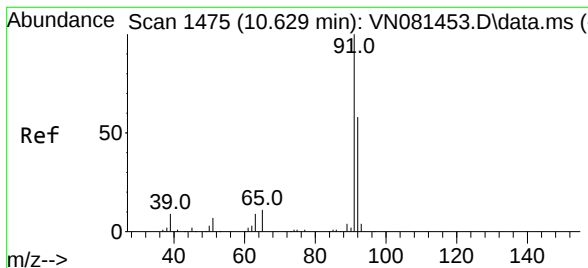


#50
Toluene-d8
Concen: 50.579 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34



Tgt Ion: 98 Resp: 1081155
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0





#52

Toluene

Concen: 3.064 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN081502.D

Acq: 20 Mar 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :

146-BAY-AVENUE

Tgt Ion: 92 Resp: 5666

Ion Ratio Lower Upper

92 100

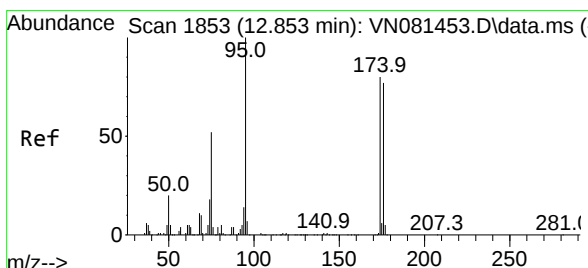
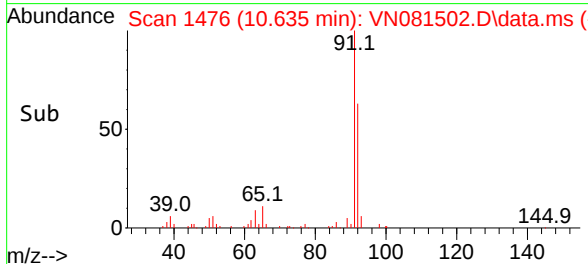
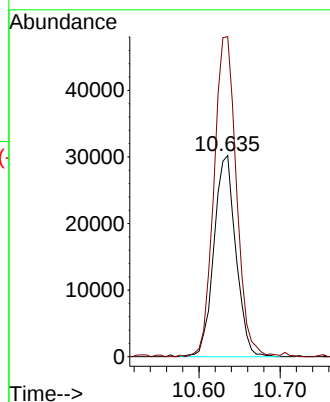
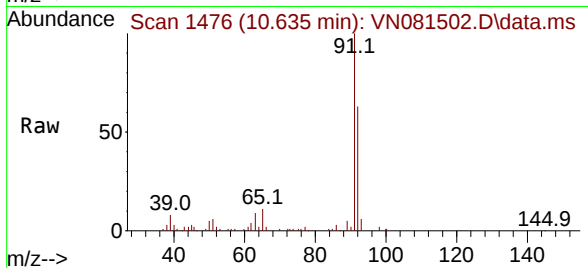
91 163.6 139.4 209.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024



#62

4-Bromofluorobenzene

Concen: 48.506 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081502.D

Acq: 20 Mar 2024 18:34

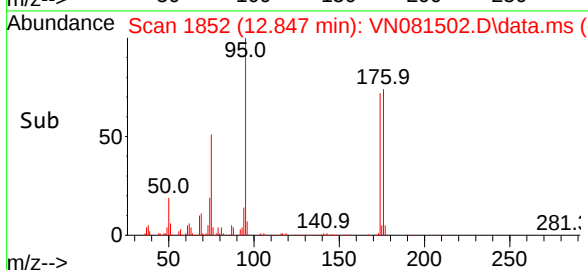
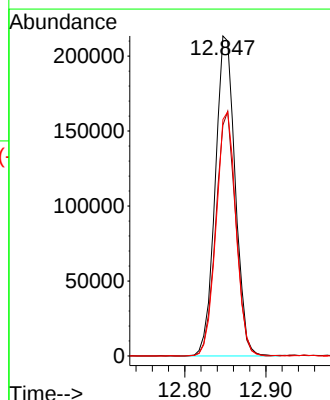
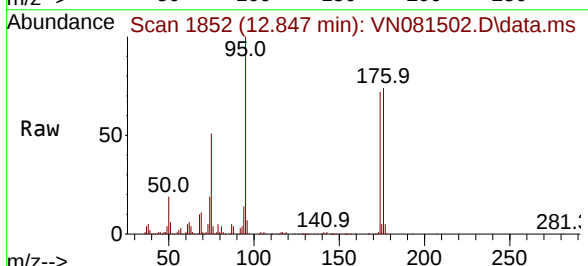
Tgt Ion: 95 Resp: 365345

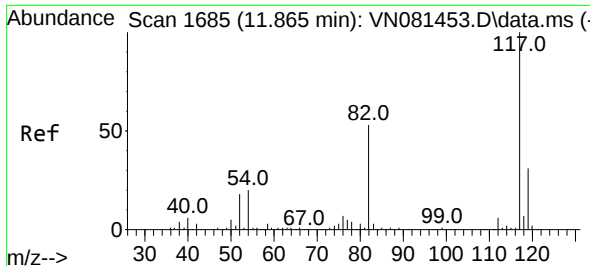
Ion Ratio Lower Upper

95 100

174 76.2 0.0 120.4

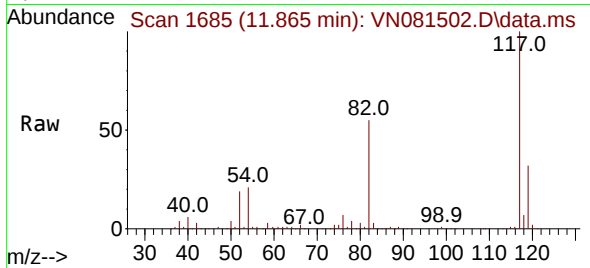
176 75.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34

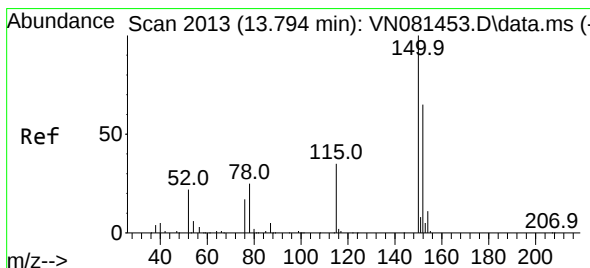
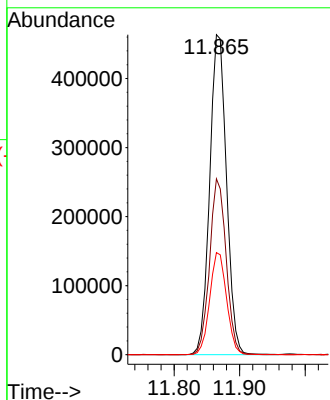
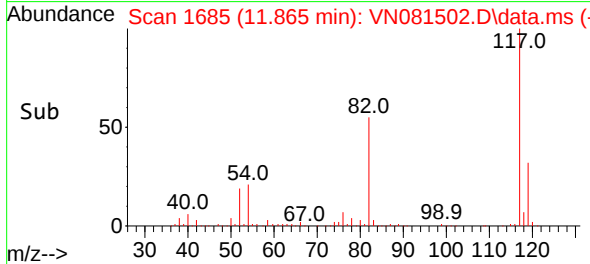
Instrument :
MSVOA_N
ClientSampleId :
146-BAY-AVENUE



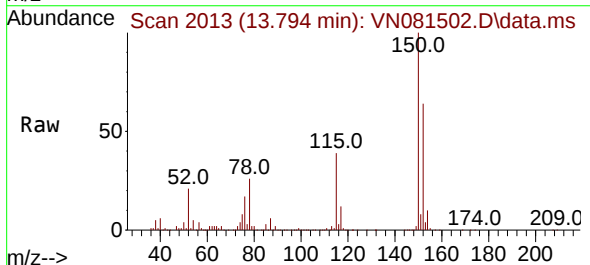
Tgt Ion:117 Resp: 822658
Ion Ratio Lower Upper
117 100
82 55.0 52.7 79.1
119 31.9 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081502.D
Acq: 20 Mar 2024 18:34



Tgt Ion:152 Resp: 349756
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 157.5 0.0 339.8

