

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081499.D
 Acq On : 20 Mar 2024 17:22
 Operator : JC\MD
 Sample : P1799-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50295

Manual Integrations
 APPROVED

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

Quant Time: Mar 21 01:22:41 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	528310	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	891832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	792023	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	349462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	317819	47.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.340%		
35) Dibromofluoromethane	8.171	113	268188	47.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	10.565	98	1044790	51.351	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.700%		
62) 4-Bromofluorobenzene	12.853	95	351814	49.074	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.140%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	19889	9.134	ug/l	90
20) Methylene Chloride	5.277	84	3006	0.421	ug/l #	67
25) 2-Butanone	7.488	43	4024	1.077	ug/l #	83
39) Methylcyclohexane	9.612	83	5735	0.542	ug/l #	75
40) Benzene	8.606	78	33232	1.200	ug/l	97
52) Toluene	10.629	92	206234	11.717	ug/l	98
67) Ethyl Benzene	11.965	91	460938	14.172	ug/l	97
68) m/p-Xylenes	12.071	106	549573	45.074	ug/l	95
69) o-Xylene	12.400	106	408677	34.142	ug/l	93
73) Isopropylbenzene	12.700	105	23035	0.773	ug/l	96
78) n-propylbenzene	13.035	91	56119	1.595	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	423386	17.208	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	862209	34.867	ug/l	95
85) sec-Butylbenzene	13.617	105	19704m	0.650	ug/l	
86) p-Isopropyltoluene	13.729	119	35448	1.430	ug/l	95
89) n-Butylbenzene	14.059	91	26951m	1.226	ug/l	
95) Naphthalene	15.641	128	152010	6.235	ug/l	99

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

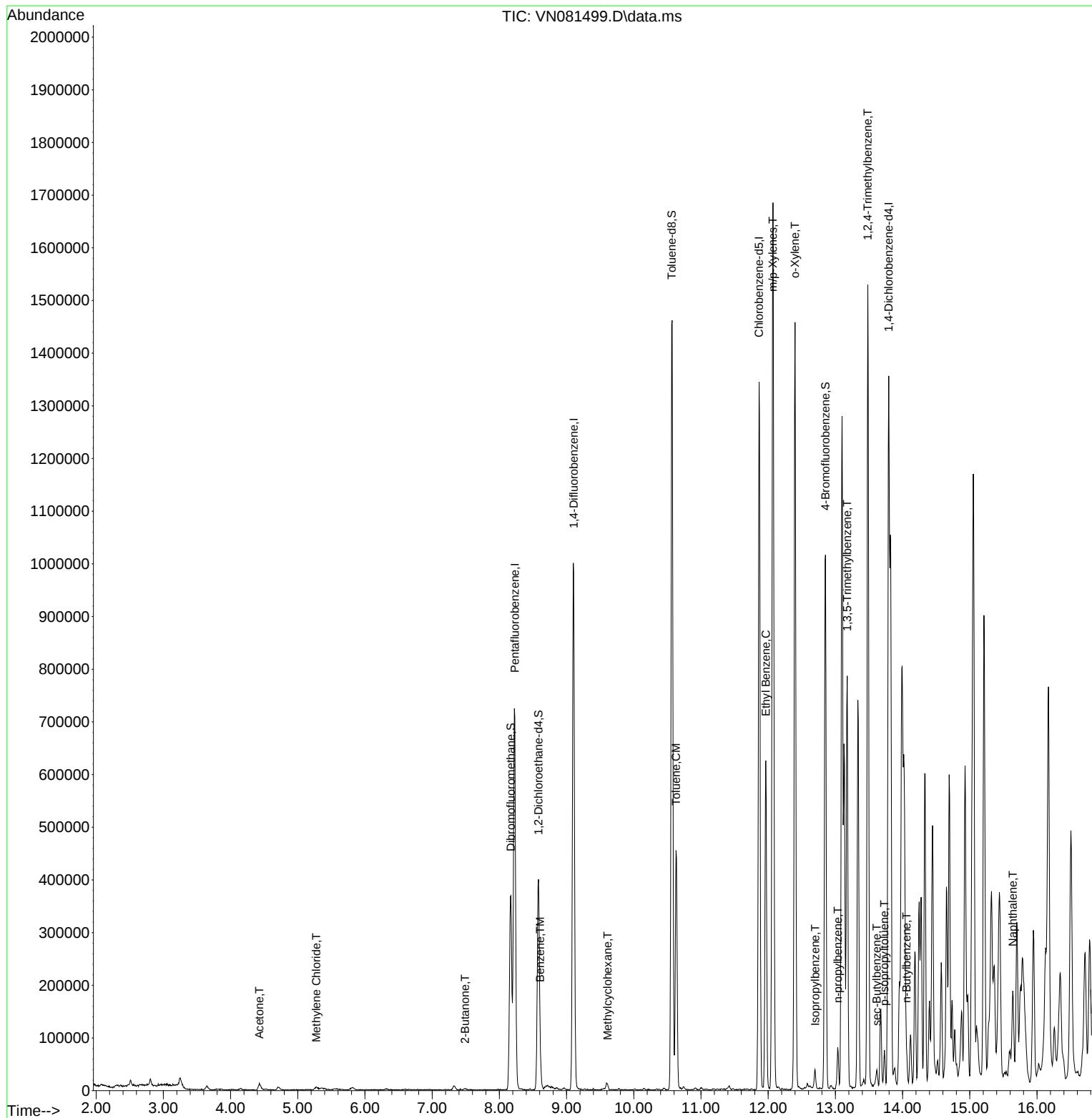
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081499.D
Acq On : 20 Mar 2024 17:22
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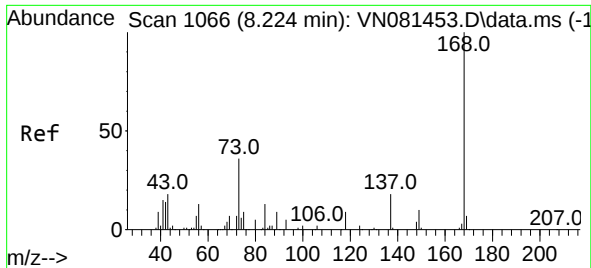
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





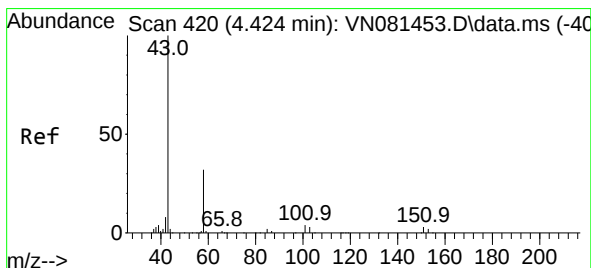
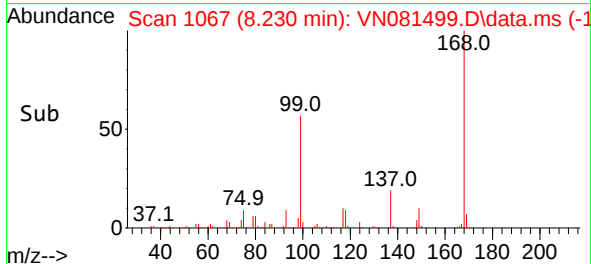
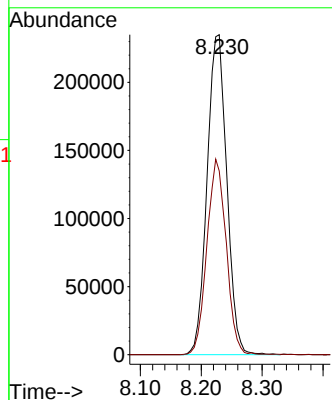
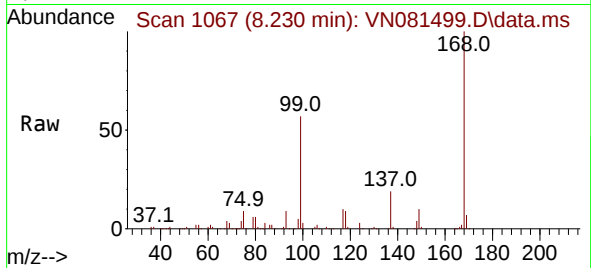
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
50295

Tgt Ion:168 Resp: 528310
Ion Ratio Lower Upper
168 100
99 57.4 59.9 89.9

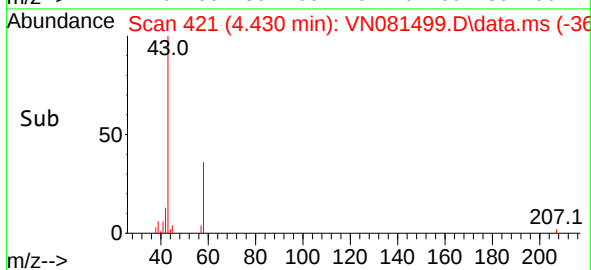
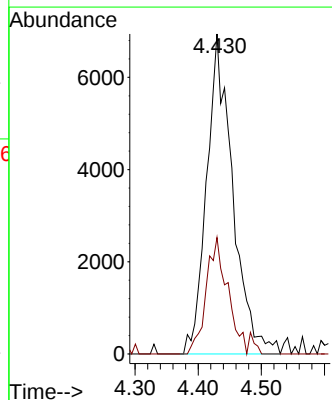
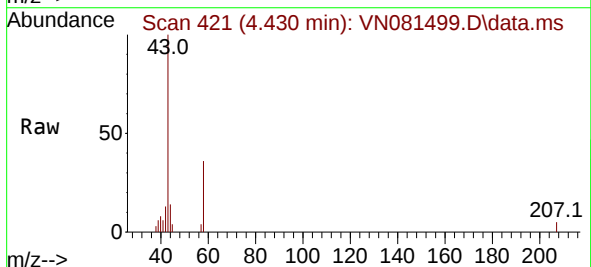
Manual Integrations
APPROVED

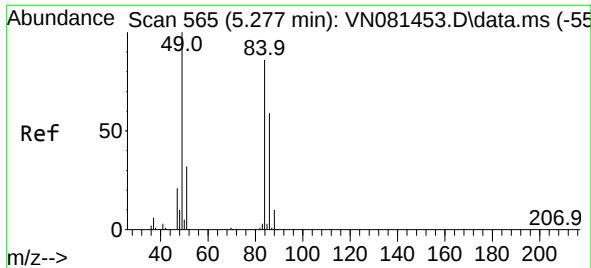
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#16
Acetone
Concen: 9.134 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

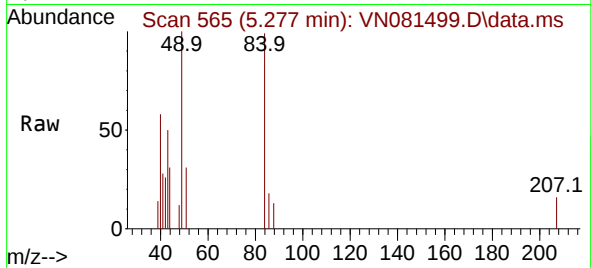
Tgt Ion: 43 Resp: 19889
Ion Ratio Lower Upper
43 100
58 36.4 24.8 37.2





#20
Methylene Chloride
Concen: 0.421 ug/l
RT: 5.277 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

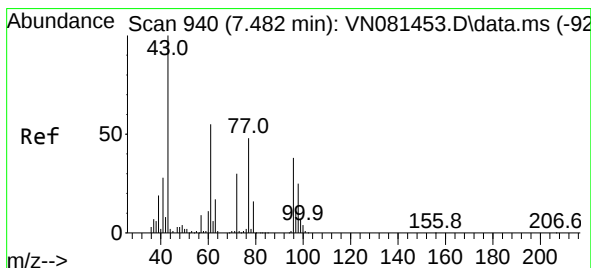
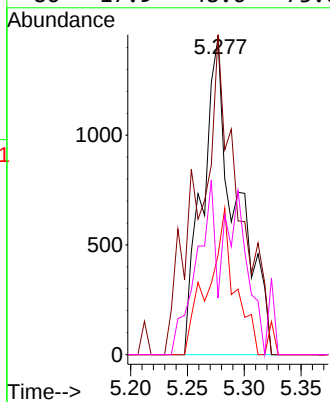
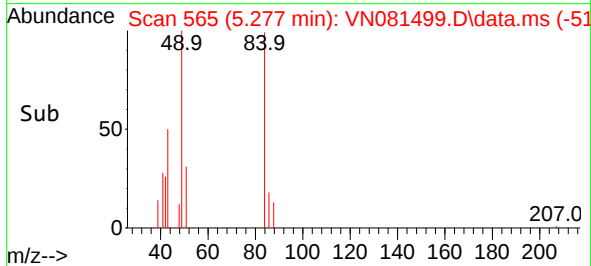
Instrument :
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ClientSampleId :
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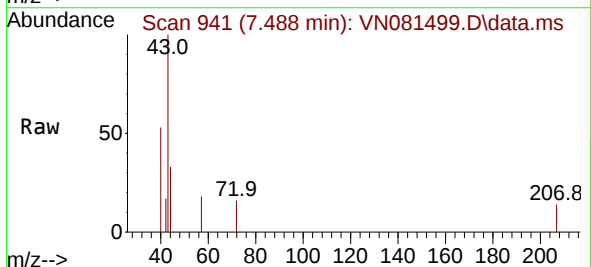
Tgt Ion: 84 Resp: 3000
Ion Ratio Lower Upper
84 100
49 101.0 108.1 162.1
51 31.4 32.9 49.3
86 17.9 48.6 73.0#

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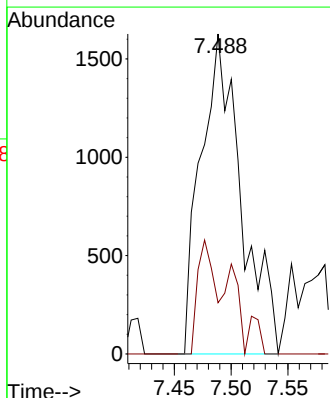
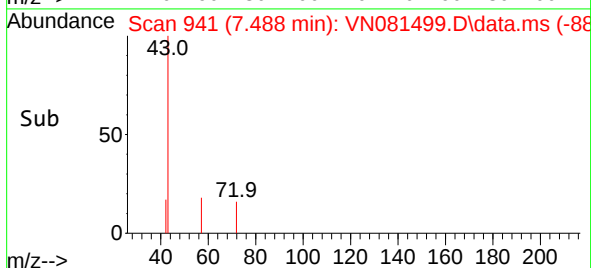
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

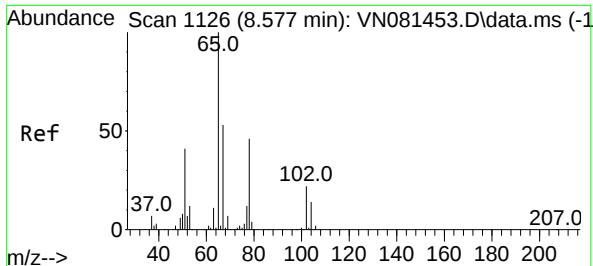


#25
2-Butanone
Concen: 1.077 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22



Tgt Ion: 43 Resp: 4024
Ion Ratio Lower Upper
43 100
72 16.0 19.5 29.3#





#33

1,2-Dichloroethane-d4

Concen: 47.173 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081499.D

Acq: 20 Mar 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

50295

Tgt Ion: 65 Resp: 317819

Ion Ratio Lower Upper

65 100

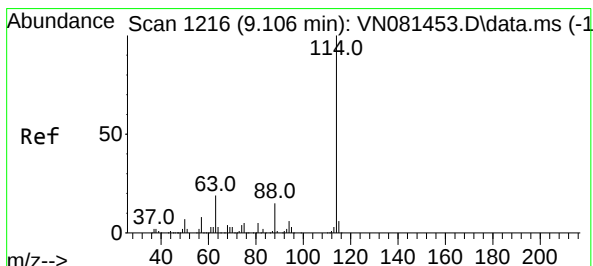
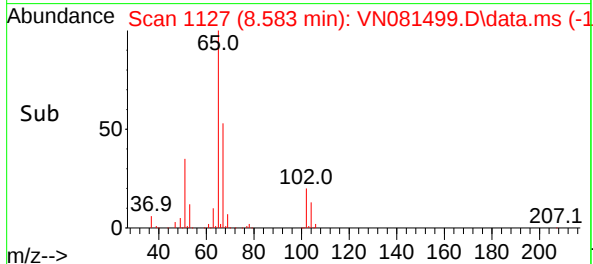
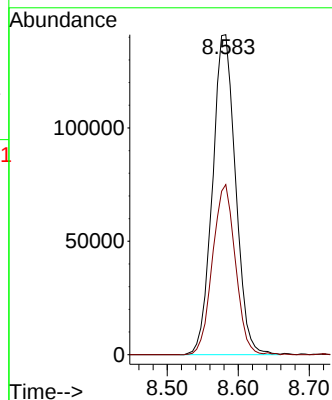
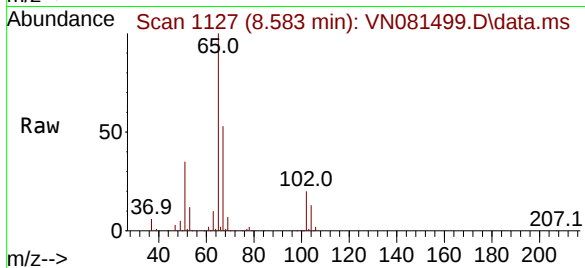
67 52.5 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081499.D

Acq: 20 Mar 2024 17:22

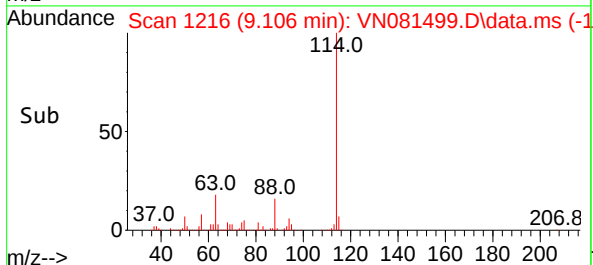
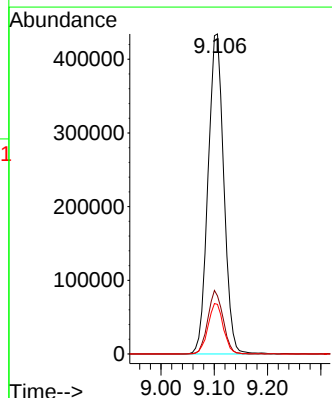
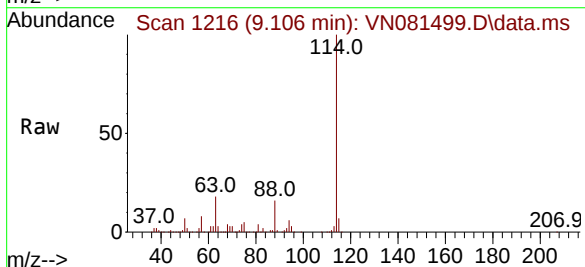
Tgt Ion:114 Resp: 891832

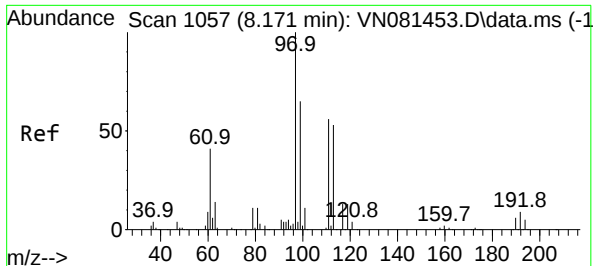
Ion Ratio Lower Upper

114 100

63 18.1 0.0 48.0

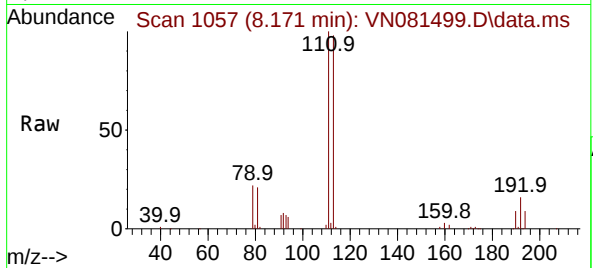
88 15.5 0.0 34.8





#35
Dibromofluoromethane
Concen: 47.649 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

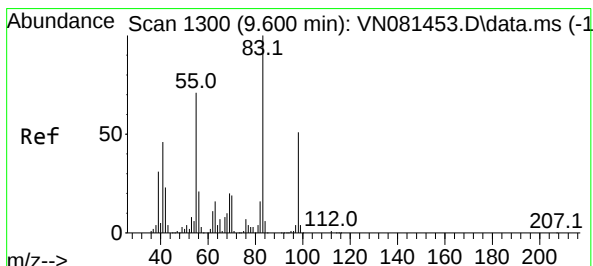
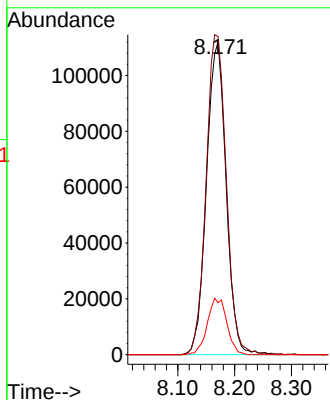
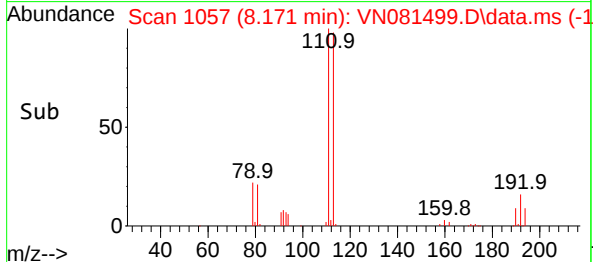
Instrument :
MSVOA_N
ClientSampleId :
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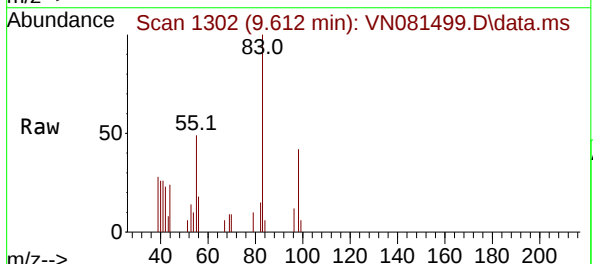
Tgt Ion: 113 Resp: 26818
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 18.0 12.5 18.7

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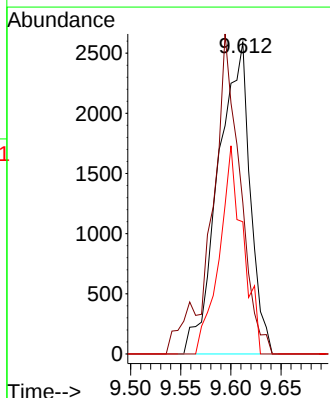
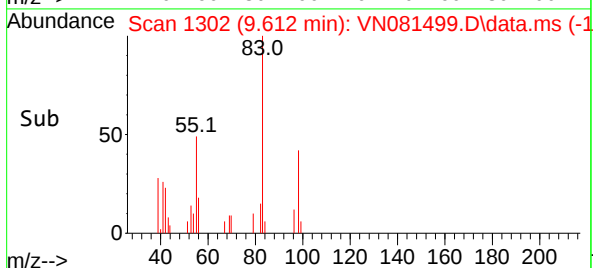
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

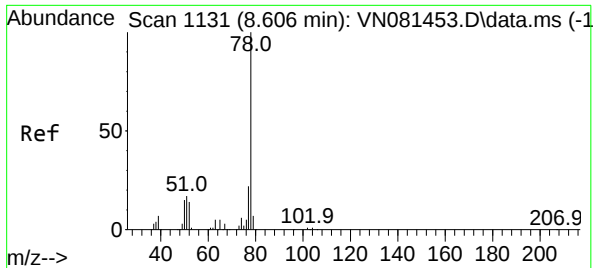


#39
Methylcyclohexane
Concen: 0.542 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.012 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22



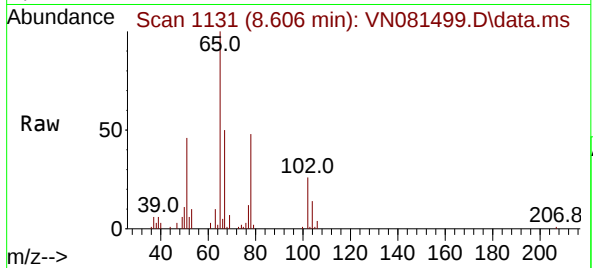
Tgt Ion: 83 Resp: 5735
Ion Ratio Lower Upper
83 100
55 48.6 65.7 98.5#
98 42.4 33.8 50.6





#40
Benzene
Concen: 1.200 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

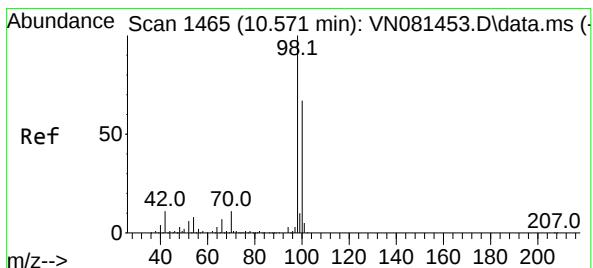
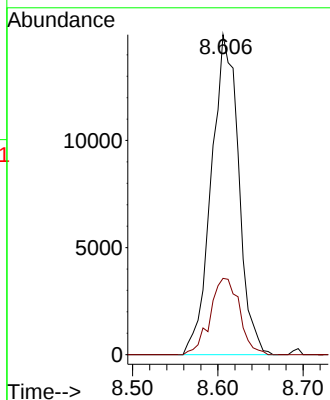
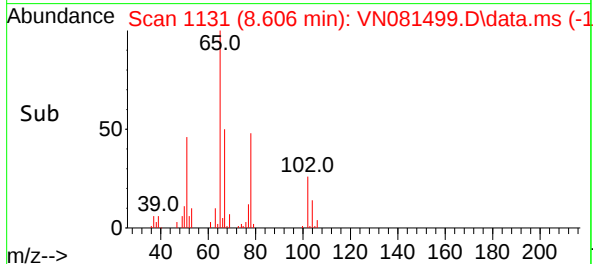
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 78 Resp: 3323
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6

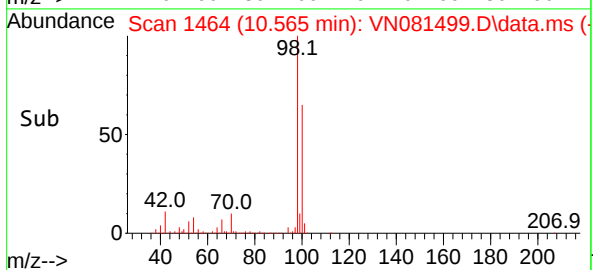
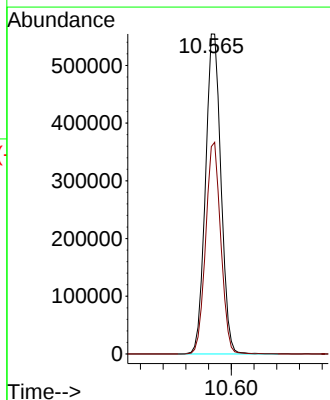
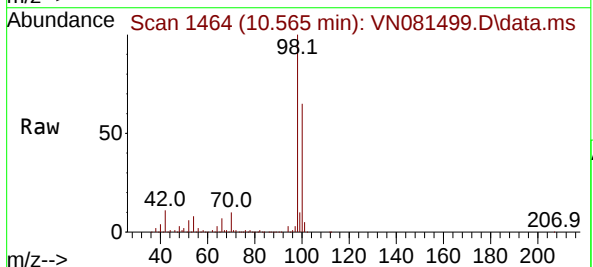
Manual Integrations
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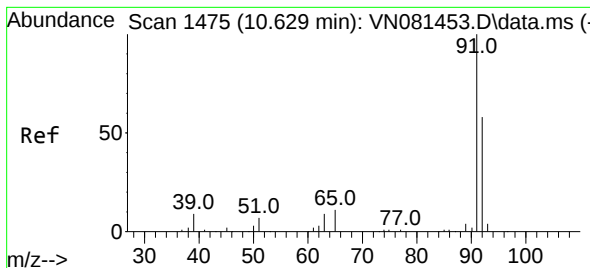
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#50
Toluene-d8
Concen: 51.351 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

Tgt Ion: 98 Resp: 1044790
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0





#52

Toluene

Concen: 11.717 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081499.D

Acq: 20 Mar 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

50295

Tgt Ion: 92 Resp: 206234

Ion Ratio Lower Upper

92 100

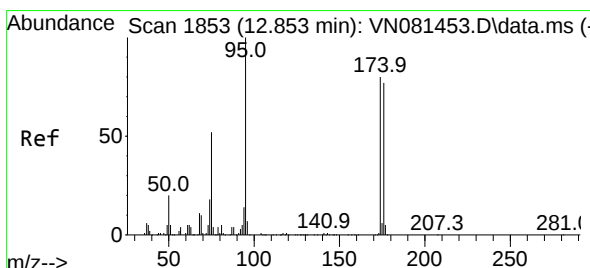
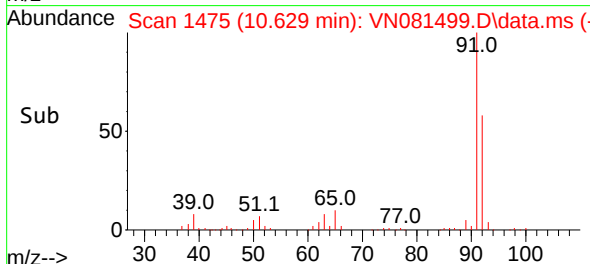
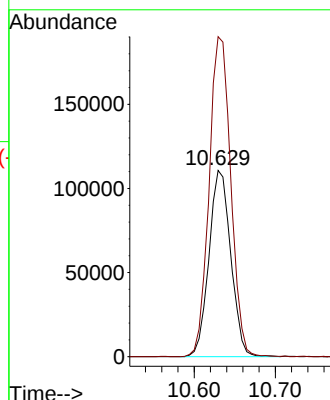
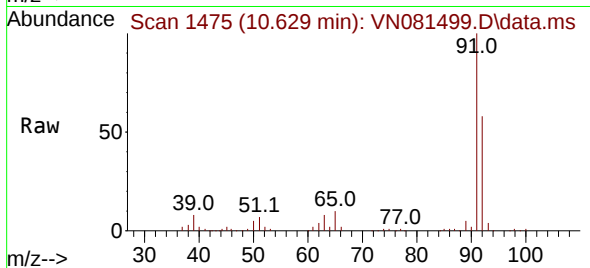
91 171.2 139.4 209.0

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Supervised By :Mahesh Dadoda 03/21/2024



#62

4-Bromofluorobenzene

Concen: 49.074 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081499.D

Acq: 20 Mar 2024 17:22

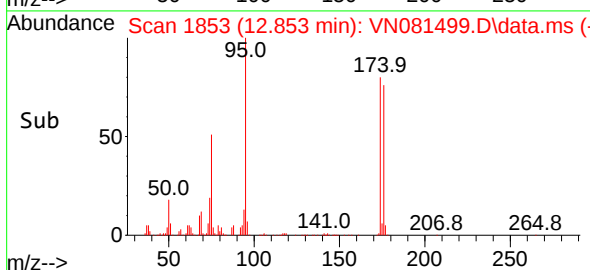
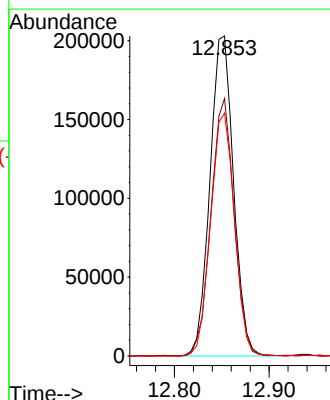
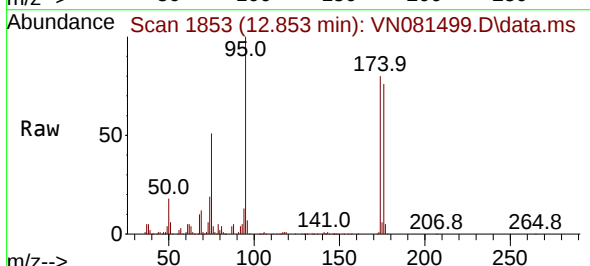
Tgt Ion: 95 Resp: 351814

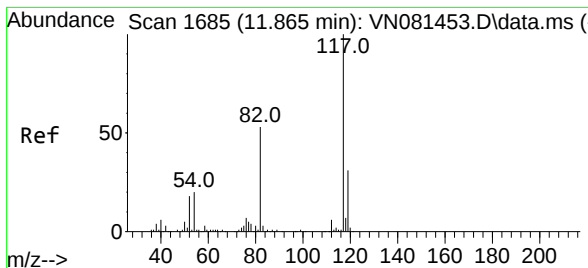
Ion Ratio Lower Upper

95 100

174 79.0 0.0 120.4

176 76.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081499.D

Acq: 20 Mar 2024 17:22

Instrument :

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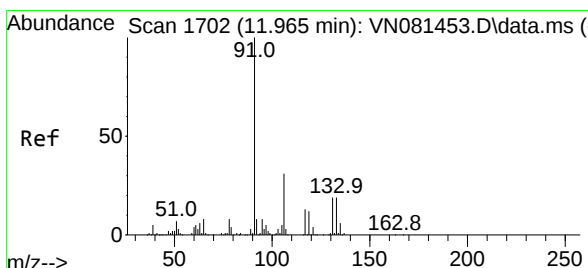
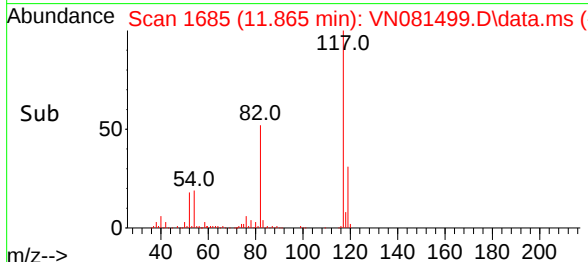
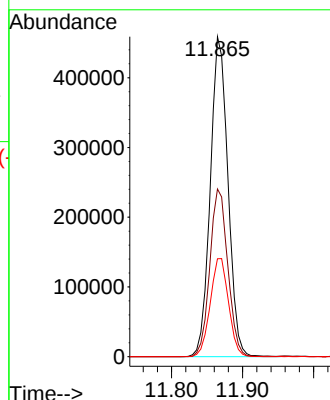
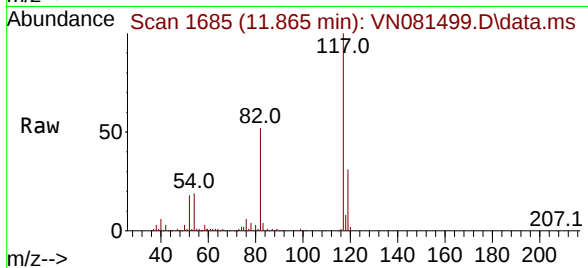
Tgt Ion:117 Resp: 792023
 Ion Ratio Lower Upper
 117 100
 82 52.4 52.7 79.1
 119 30.6 25.3 37.9

Manual Integrations

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Supervised By :Mahesh Dadoda 03/21/2024



#67

Ethyl Benzene

Concen: 14.172 ug/l

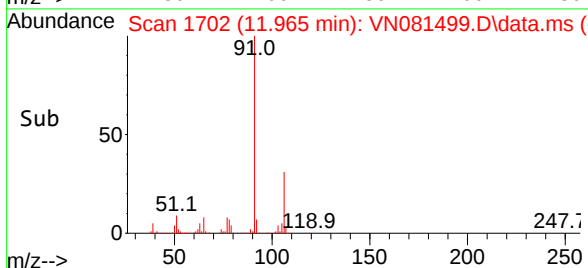
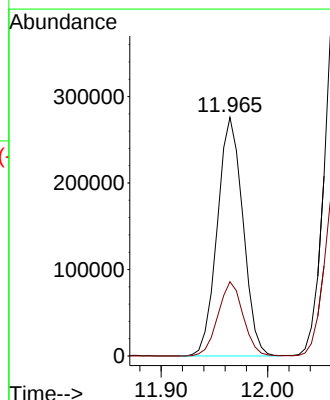
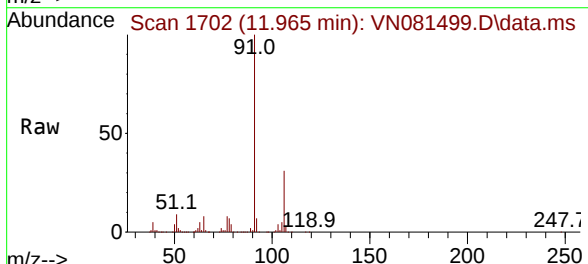
RT: 11.965 min Scan# 1702

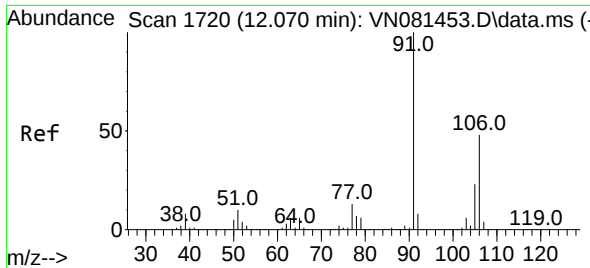
Delta R.T. 0.000 min

Lab File: VN081499.D

Acq: 20 Mar 2024 17:22

Tgt Ion: 91 Resp: 460938
 Ion Ratio Lower Upper
 91 100
 106 31.1 23.8 35.6





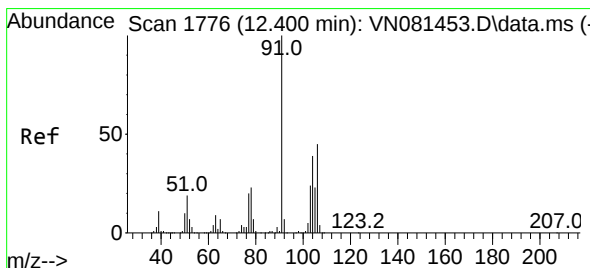
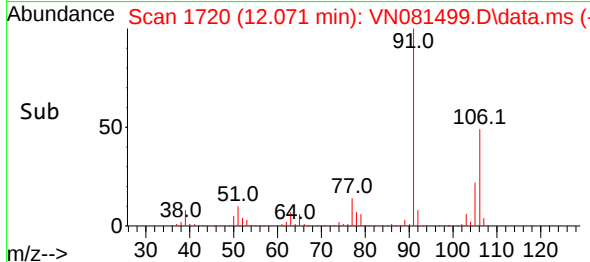
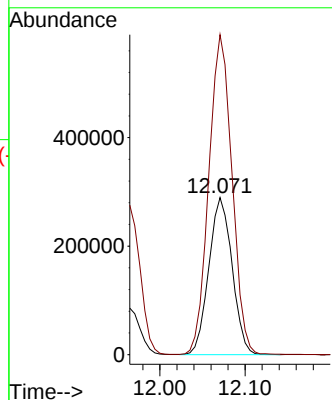
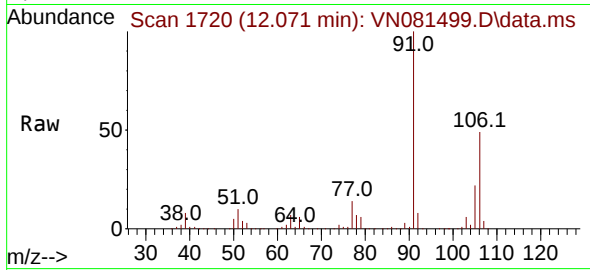
#68
m/p-Xylenes
Concen: 45.074 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
50295

Tgt Ion:106 Resp: 54957
Ion Ratio Lower Upper
106 100
91 203.8 169.0 253.6

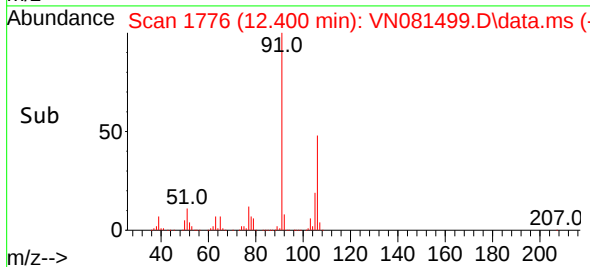
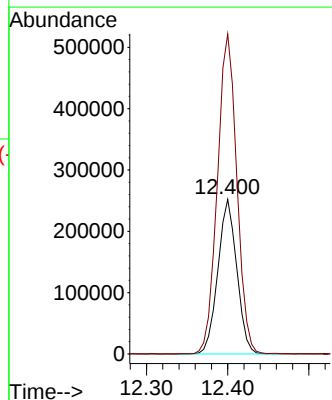
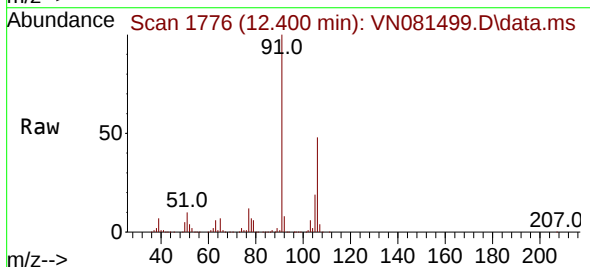
Manual Integrations
APPROVED

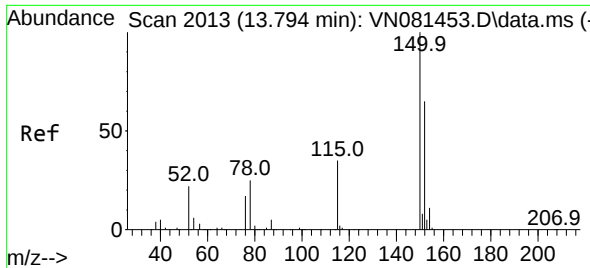
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#69
o-Xylene
Concen: 34.142 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

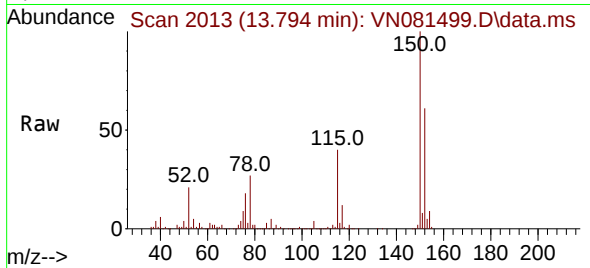
Tgt Ion:106 Resp: 408677
Ion Ratio Lower Upper
106 100
91 213.1 112.1 336.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

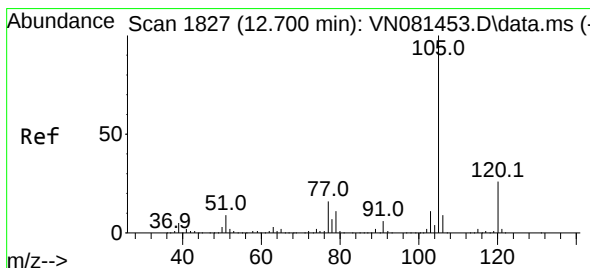
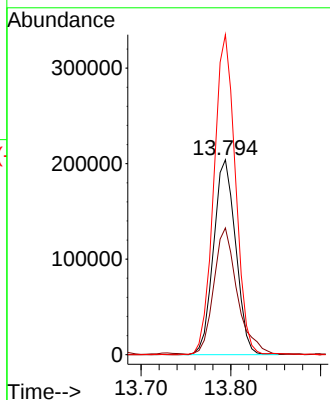
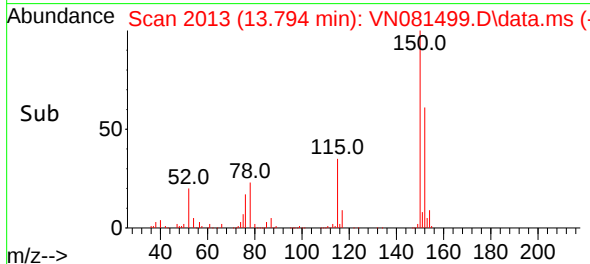
Instrument :
MSVOA_N
ClientSampleId :
50295



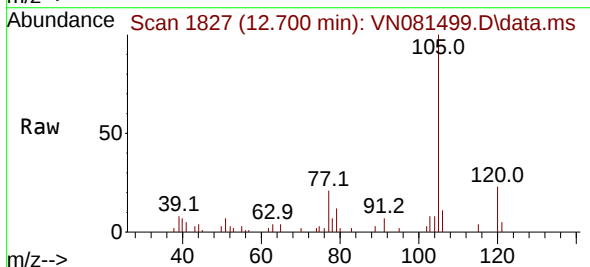
Tgt Ion:152 Resp: 34946
Ion Ratio Lower Upper
152 100
115 69.4 32.3 96.8
150 159.8 0.0 339.8

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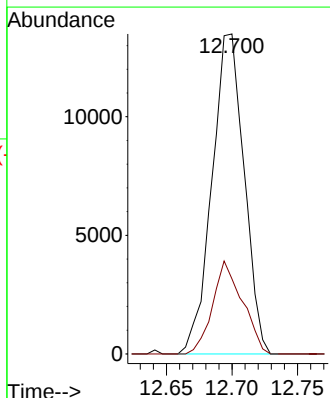
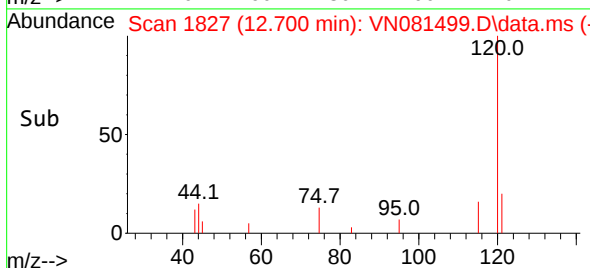
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

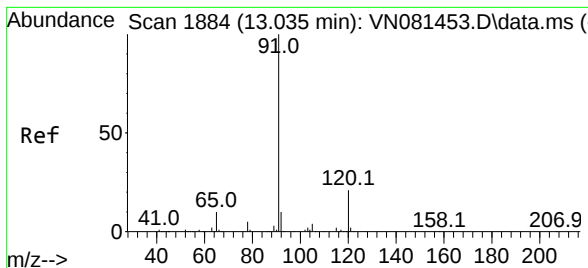


#73
Isopropylbenzene
Concen: 0.773 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22



Tgt Ion:105 Resp: 23035
Ion Ratio Lower Upper
105 100
120 26.9 12.6 37.6





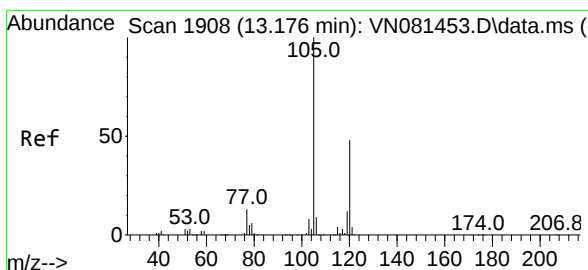
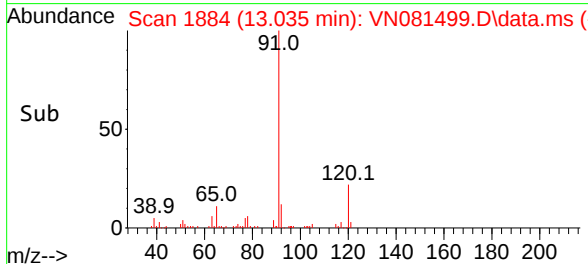
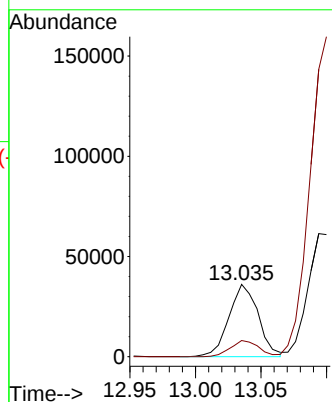
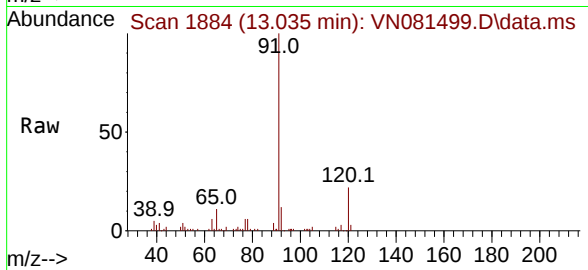
#78
n-propylbenzene
Concen: 1.595 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
50295

Tgt Ion: 91 Resp: 56119
Ion Ratio Lower Upper
91 100
120 21.5 10.3 30.9

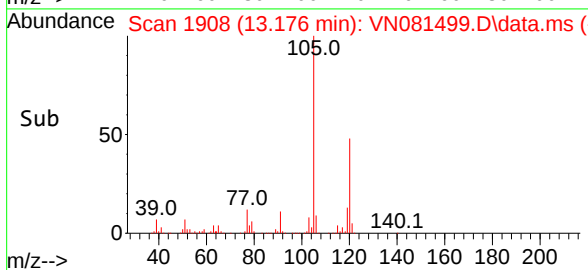
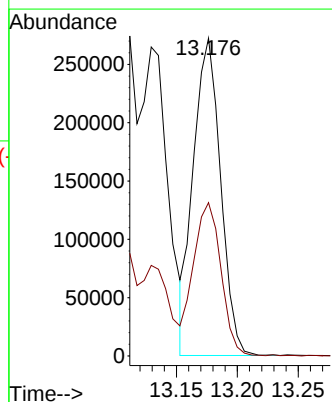
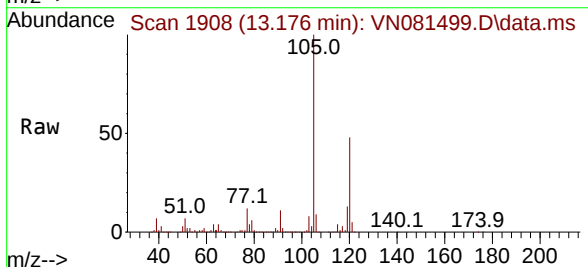
Manual Integrations
APPROVED

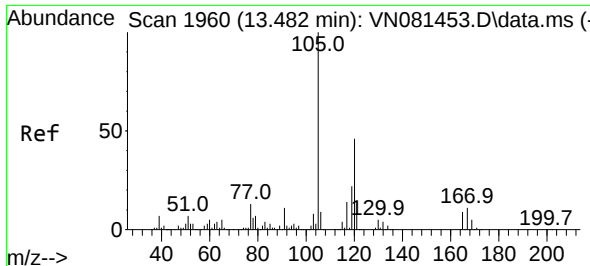
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.208 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

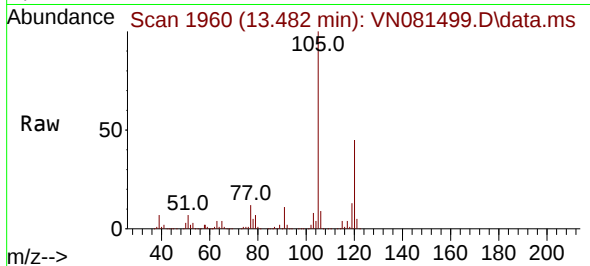
Tgt Ion:105 Resp: 423386
Ion Ratio Lower Upper
105 100
120 48.9 23.0 69.0





#84
1,2,4-Trimethylbenzene
Concen: 34.867 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

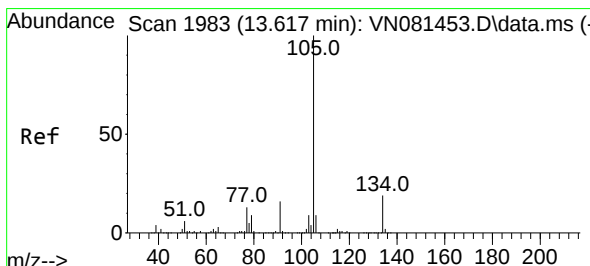
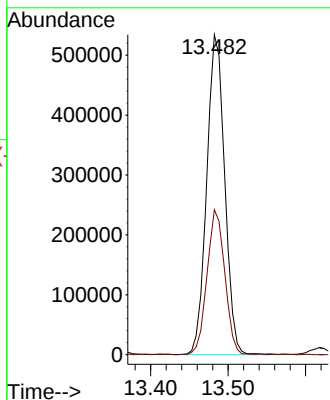
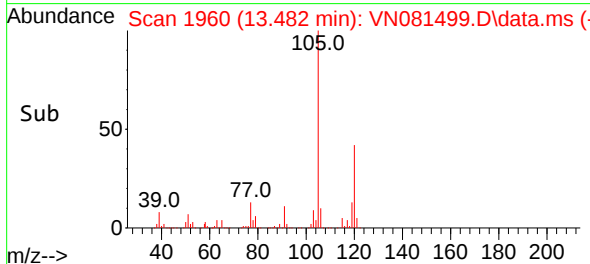
Instrument :
MSVOA_N
ClientSampleId :
50295



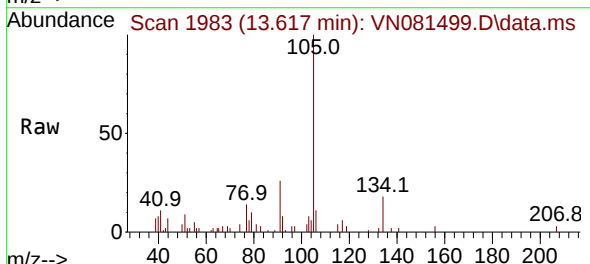
Tgt Ion:105 Resp: 862209
Ion Ratio Lower Upper
105 100
120 44.7 20.9 62.7

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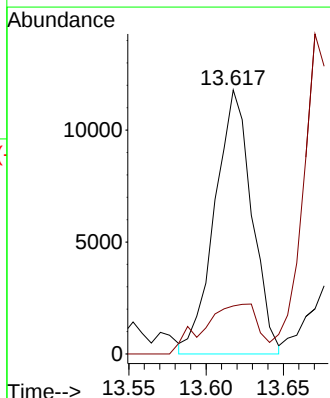
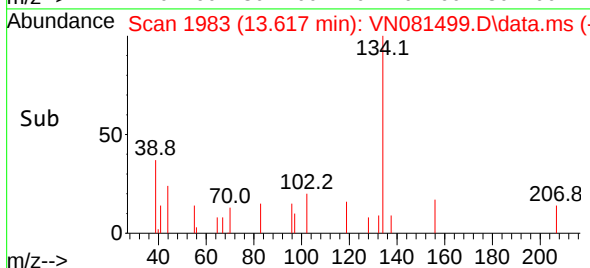
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

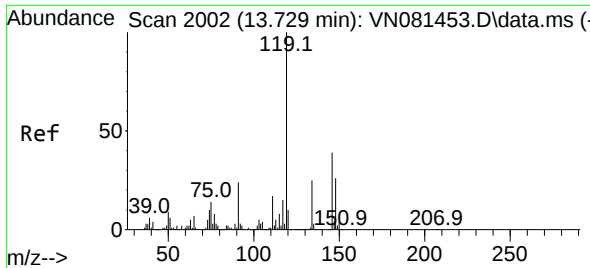


#85
sec-Butylbenzene
Concen: 0.650 ug/l m
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22



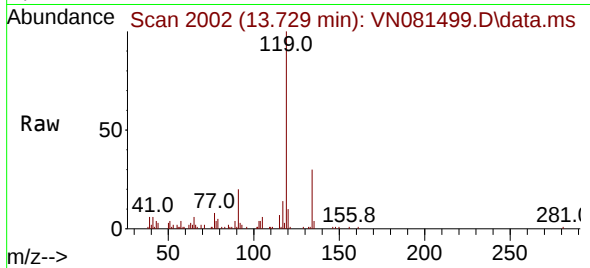
Tgt Ion:105 Resp: 19704
Ion Ratio Lower Upper
105 100
134 0.0 8.6 25.8#





#86
p-Isopropyltoluene
Concen: 1.430 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22

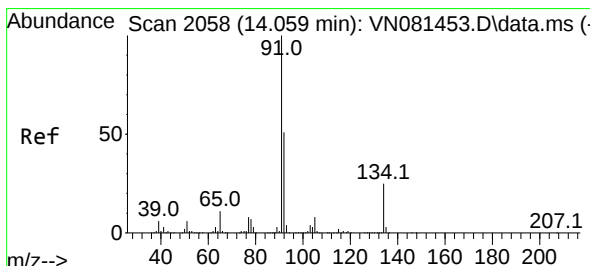
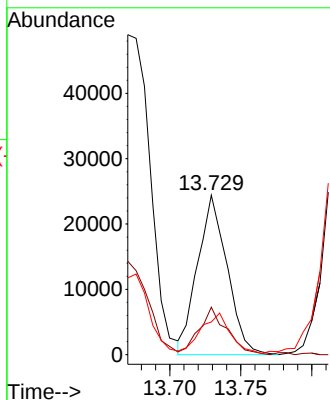
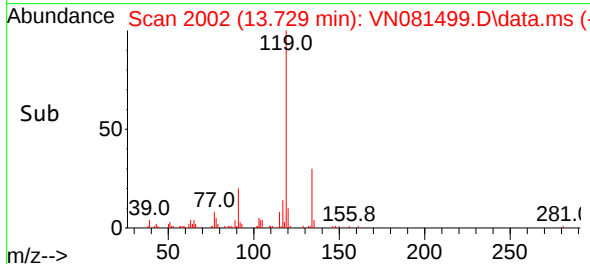
Instrument :
MSVOA_N
ClientSampleId :
50295



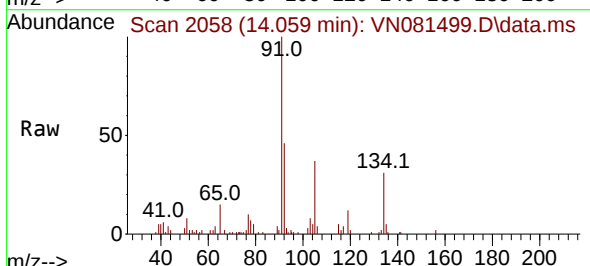
Tgt Ion:119 Resp: 35448
Ion Ratio Lower Upper
119 100
134 27.7 12.4 37.2
91 25.0 13.5 40.4

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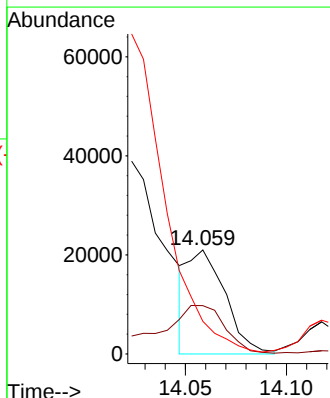
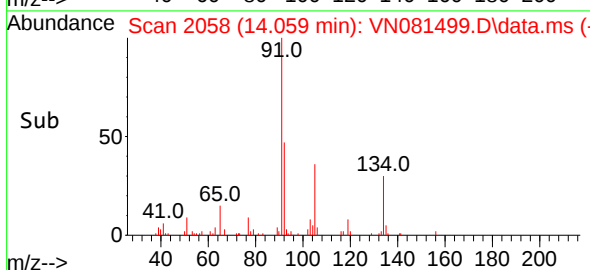
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

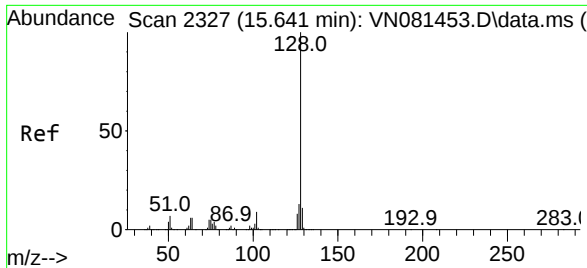


#89
n-Butylbenzene
Concen: 1.226 ug/l m
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081499.D
Acq: 20 Mar 2024 17:22



Tgt Ion: 91 Resp: 26951
Ion Ratio Lower Upper
91 100
92 3.3 26.7 80.1#
134 36.8 10.8 32.4#





#95

Naphthalene

Concen: 6.235 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081499.D

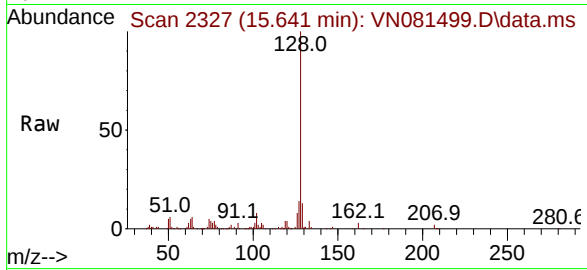
Acq: 20 Mar 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

50295



Tgt Ion:128 Resp: 152010

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2024

Supervised By :Mahesh Dadoda 03/21/2024

