

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081521.D
 Acq On : 21 Mar 2024 15:49
 Operator : JC\MD
 Sample : P1798-04 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-4

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2024
 Supervised By : Mahesh Dadoda 03/22/2024

Quant Time: Mar 22 05:08:04 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	8.224	168	517985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	901661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	800570	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	347623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	323045	48.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.800%		
35) Dibromofluoromethane	8.165	113	266573	46.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.565	98	1049474	51.019	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.040%		
62) 4-Bromofluorobenzene	12.847	95	357883	49.376	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.760%		
Target Compounds						
16) Acetone	4.418	43	10795m	5.057	ug/l	
40) Benzene	8.606	78	3814298	136.240	ug/l	98
43) Isopropyl Acetate	8.683	43	15549	1.144	ug/l	# 84
52) Toluene	10.629	92	1230485	69.149	ug/l	99
67) Ethyl Benzene	11.965	91	114022	3.468	ug/l	98
68) m/p-Xylenes	12.071	106	233785	18.969	ug/l	93
69) o-Xylene	12.400	106	152720	12.622	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	47414	1.937	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	135553	5.511	ug/l	99
95) Naphthalene	15.641	128	2000127	82.472	ug/l	99

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

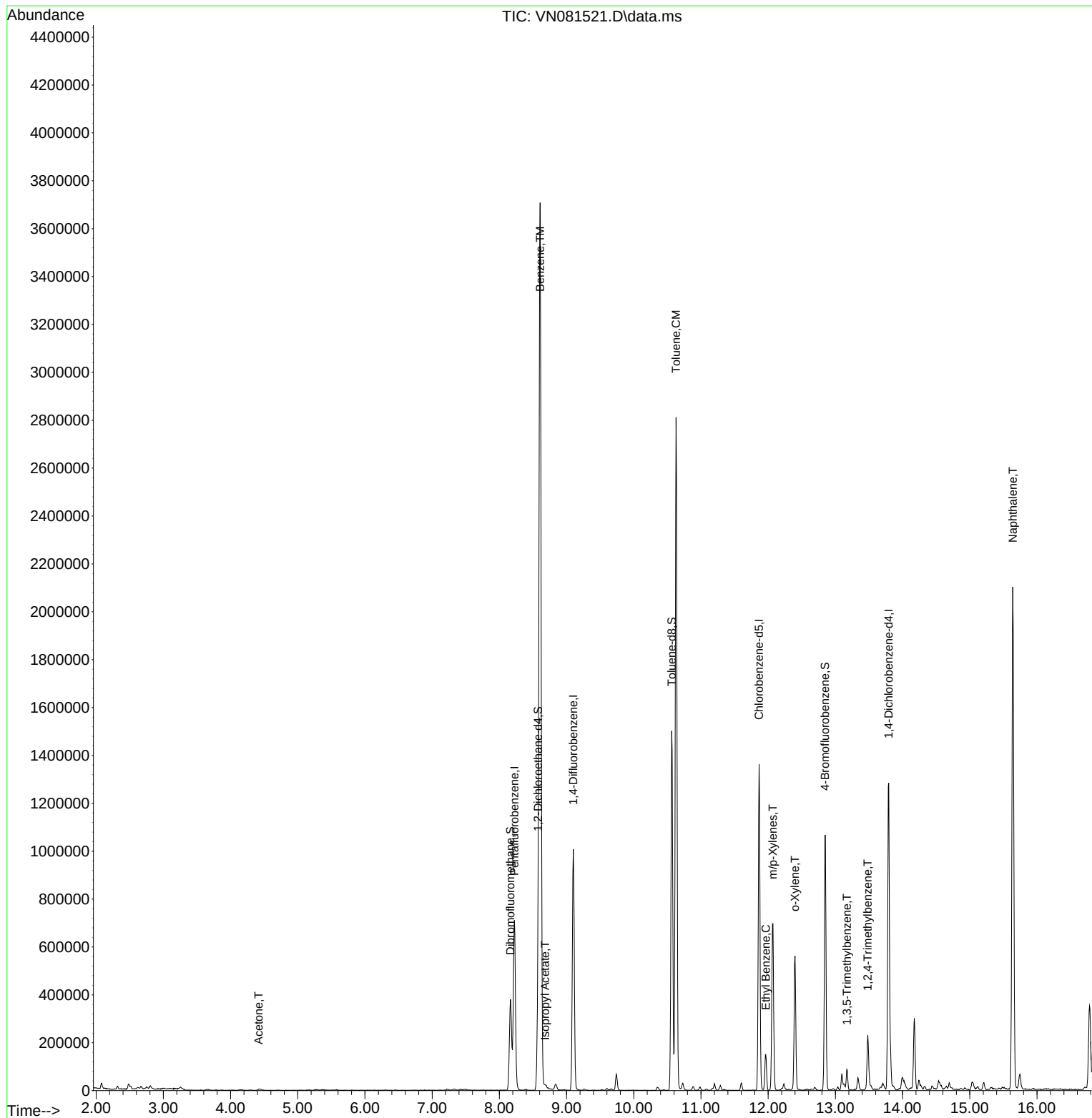
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
Data File : VN081521.D
Acq On : 21 Mar 2024 15:49
Operator : JC\MD
Sample : P1798-04 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

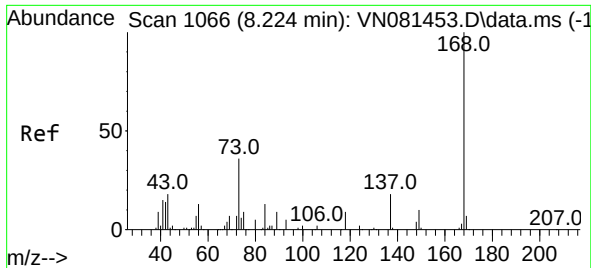
Instrument :
MSVOA_N
ClientSampleId :
S-4

Quant Time: Mar 22 05:08:04 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

Manual Integrations
APPROVED

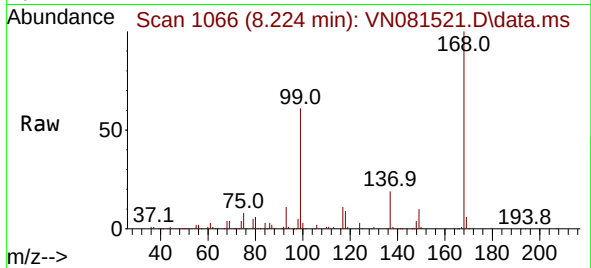
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

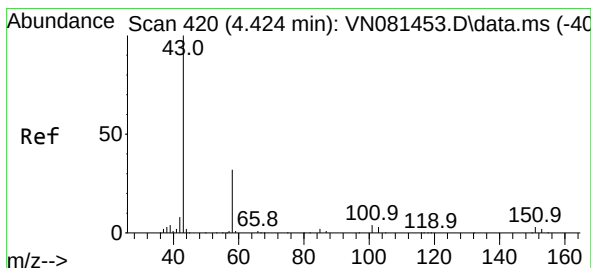
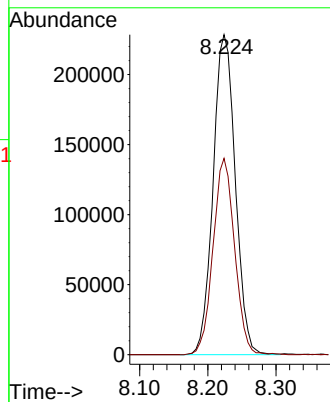
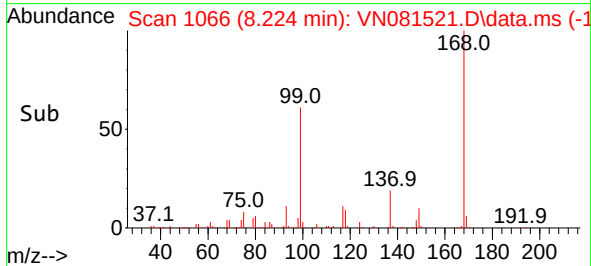
Instrument :
MSVOA_N
ClientSampleId :
S-4



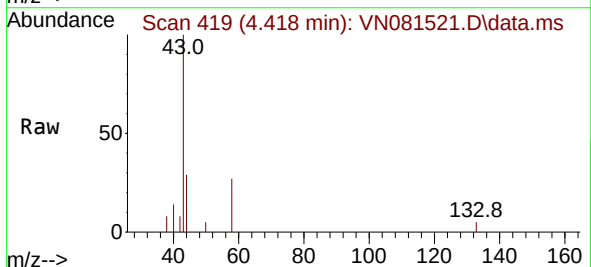
Tgt Ion:168 Resp: 51798
Ion Ratio Lower Upper
168 100
99 61.3 59.9 89.9

Manual Integrations
APPROVED

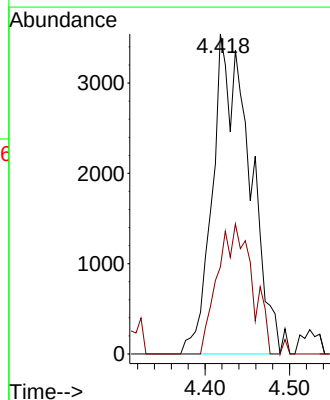
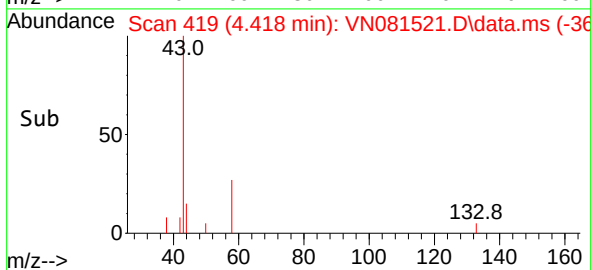
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024

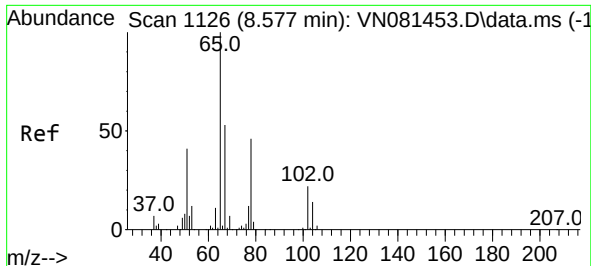


#16
Acetone
Concen: 5.057 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49



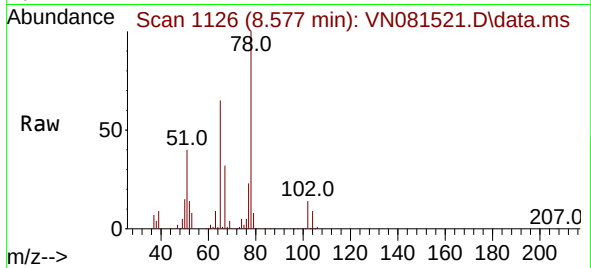
Tgt Ion: 43 Resp: 10795
Ion Ratio Lower Upper
43 100
58 27.1 24.8 37.2





#33
1,2-Dichloroethane-d4
Concen: 48.904 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

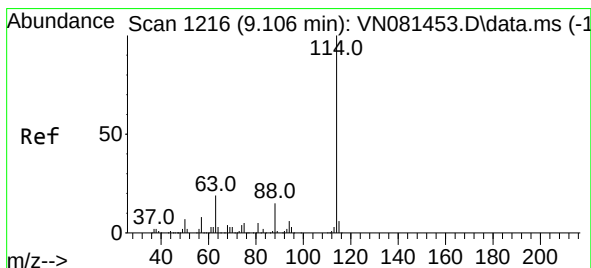
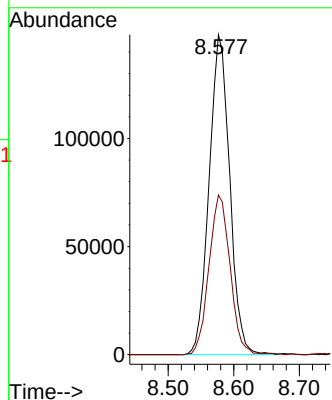
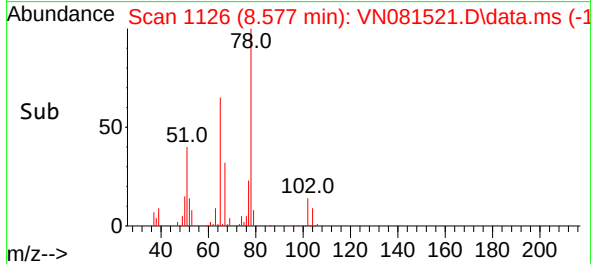
Instrument :
MSVOA_N
ClientSampleId :
S-4



Tgt Ion: 65 Resp: 323045
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

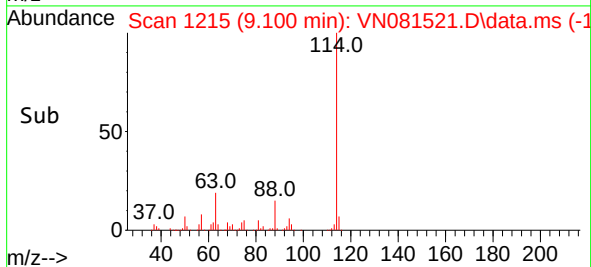
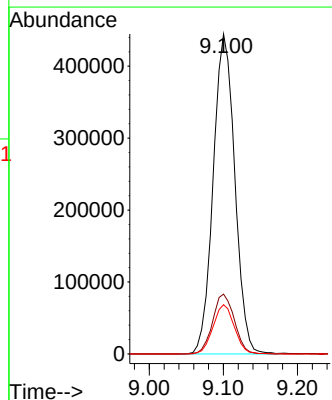
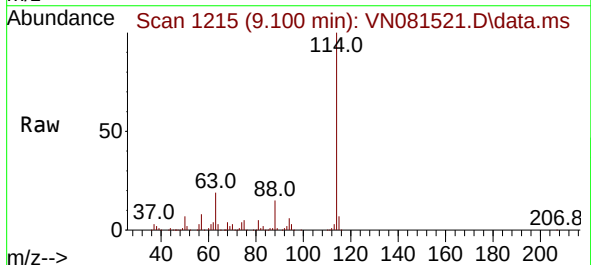
Manual Integrations
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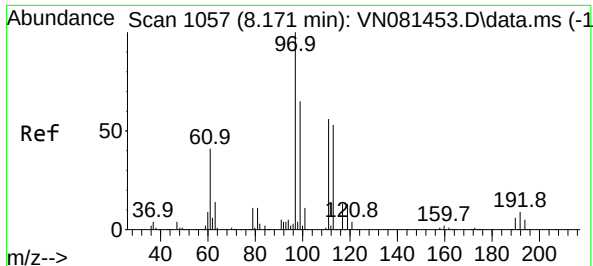
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

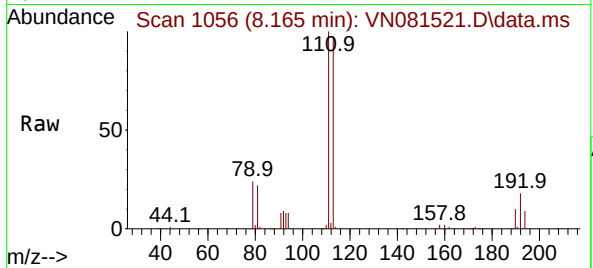
Tgt Ion:114 Resp: 901661
Ion Ratio Lower Upper
114 100
63 18.7 0.0 48.0
88 15.4 0.0 34.8





#35
Dibromofluoromethane
Concen: 46.846 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

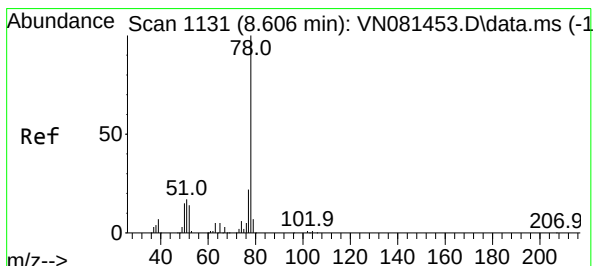
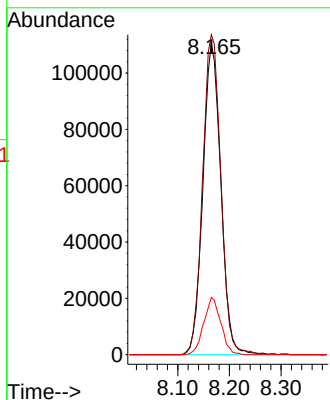
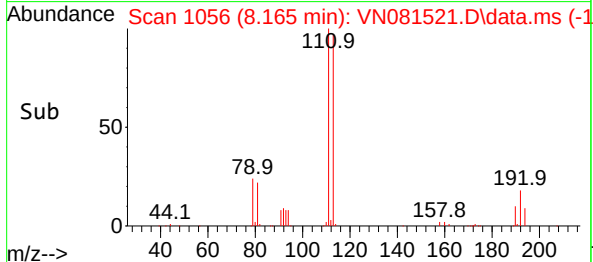
Instrument :
MSVOA_N
ClientSampleId :
S-4



Tgt Ion:113 Resp: 26657
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 17.5 12.5 18.7

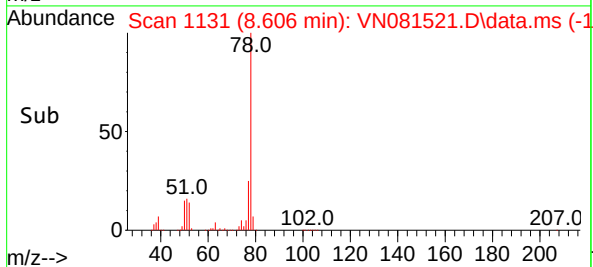
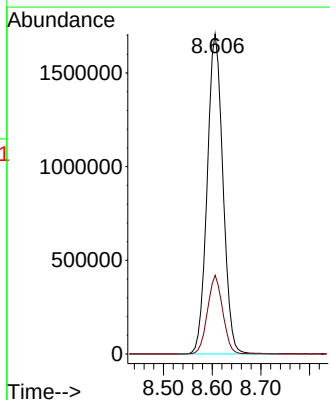
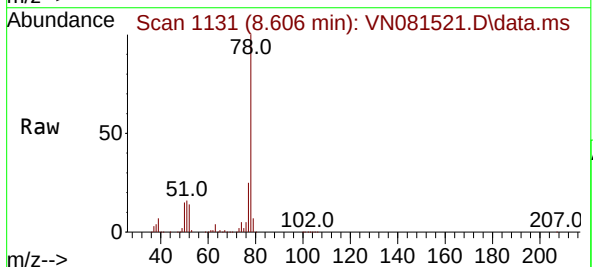
Manual Integrations
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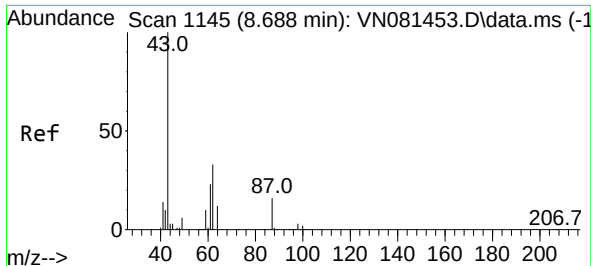
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#40
Benzene
Concen: 136.240 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

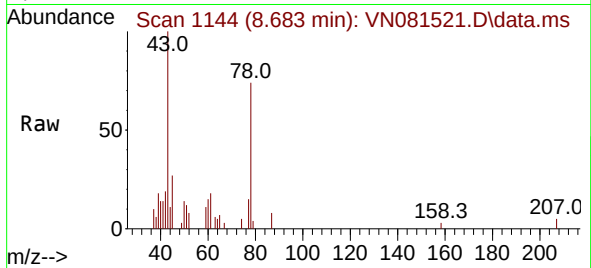
Tgt Ion: 78 Resp: 3814298
Ion Ratio Lower Upper
78 100
77 24.6 20.4 30.6





#43
Isopropyl Acetate
Concen: 1.144 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

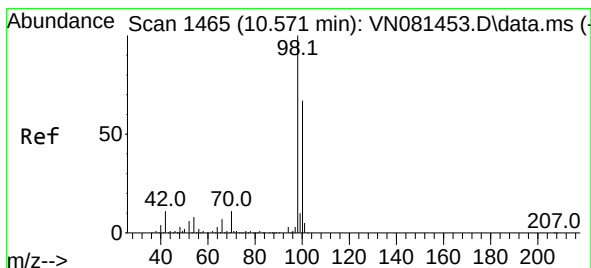
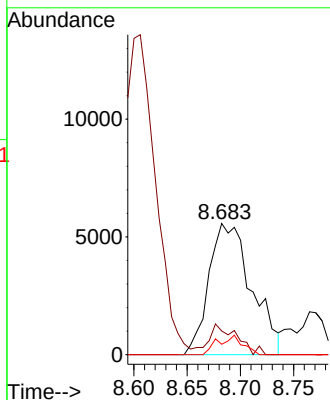
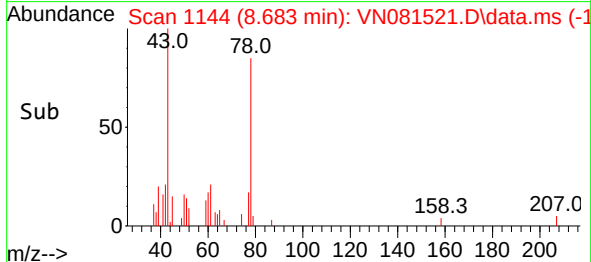
Instrument :
MSVOA_N
ClientSampleId :
S-4



Tgt Ion: 43 Resp: 15549
Ion Ratio Lower Upper
43 100
61 14.9 19.9 29.9
87 8.6 9.0 13.6

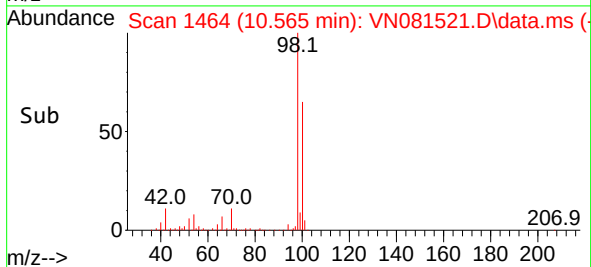
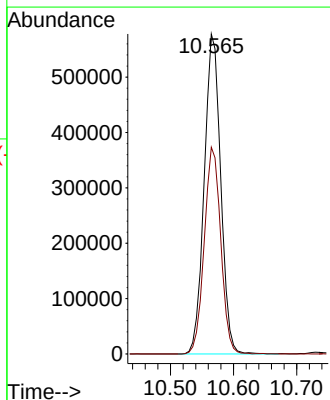
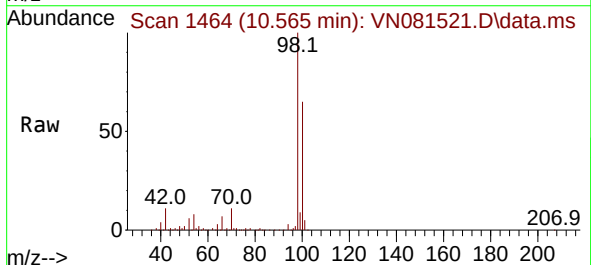
Manual Integrations
APPROVED

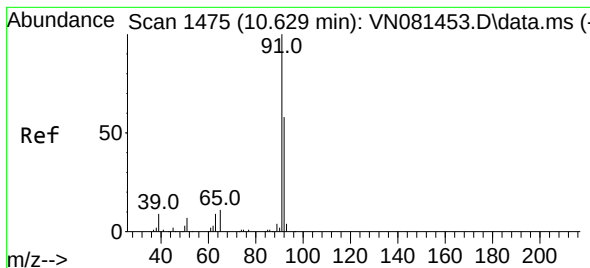
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#50
Toluene-d8
Concen: 51.019 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

Tgt Ion: 98 Resp: 1049474
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0





#52

Toluene

Concen: 69.149 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081521.D

Acq: 21 Mar 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

S-4

Tgt Ion: 92 Resp: 123048

Ion Ratio Lower Upper

92 100

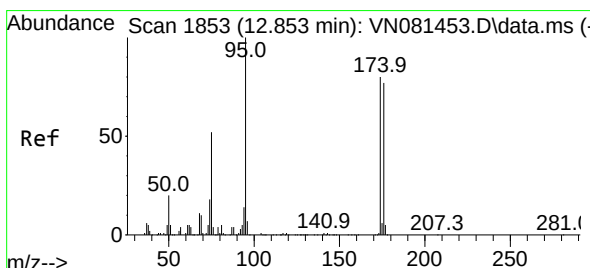
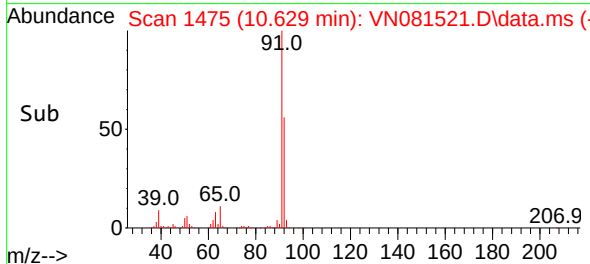
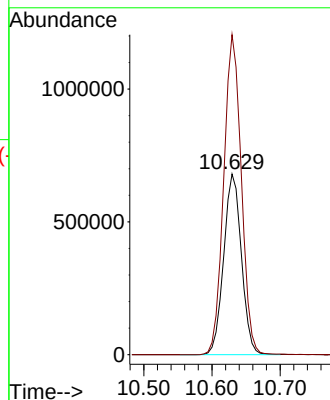
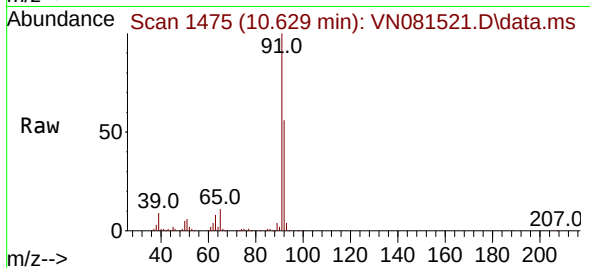
91 176.0 139.4 209.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2024

Supervised By :Mahesh Dadoda 03/22/2024



#62

4-Bromofluorobenzene

Concen: 49.376 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081521.D

Acq: 21 Mar 2024 15:49

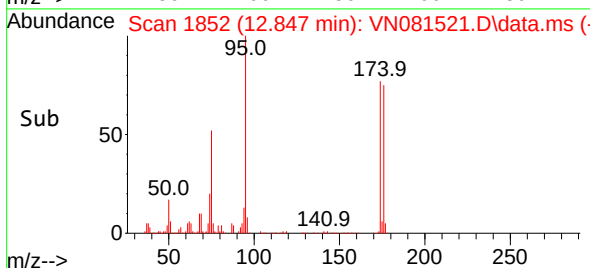
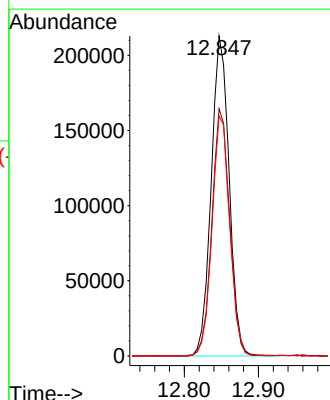
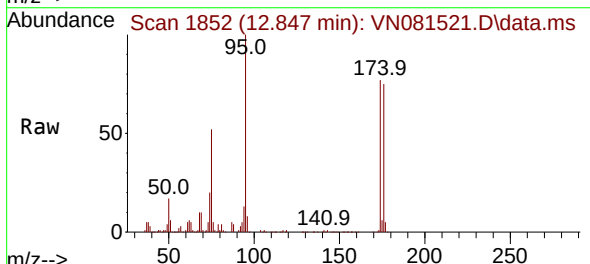
Tgt Ion: 95 Resp: 357883

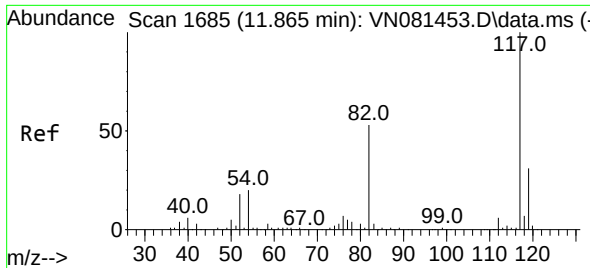
Ion Ratio Lower Upper

95 100

174 76.3 0.0 120.4

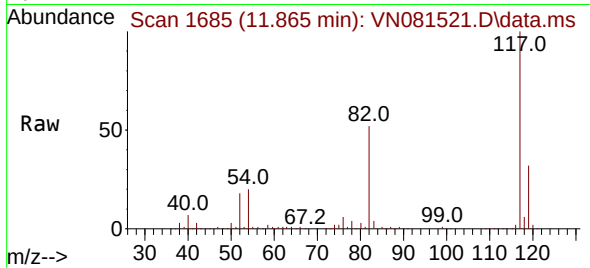
176 73.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

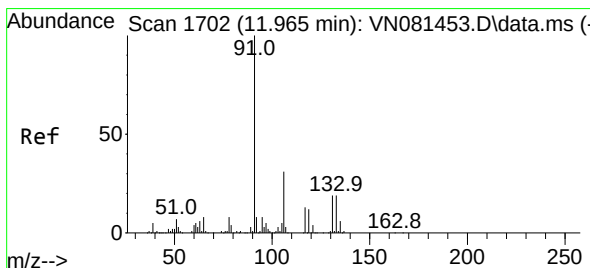
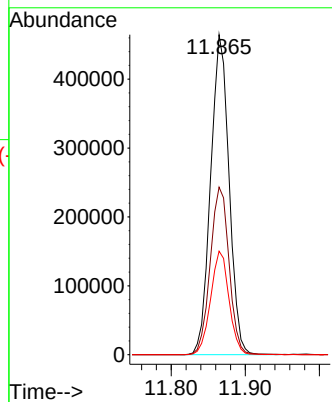
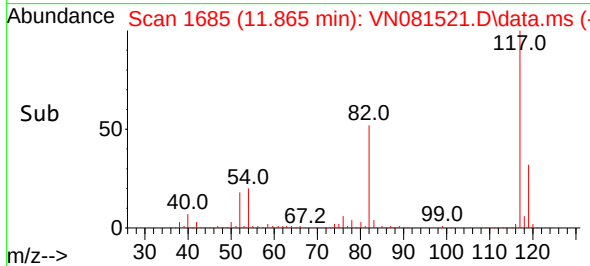
Instrument :
MSVOA_N
ClientSampleId :
S-4



Tgt Ion:117 Resp: 800570
Ion Ratio Lower Upper
117 100
82 52.3 52.7 79.1
119 32.4 25.3 37.9

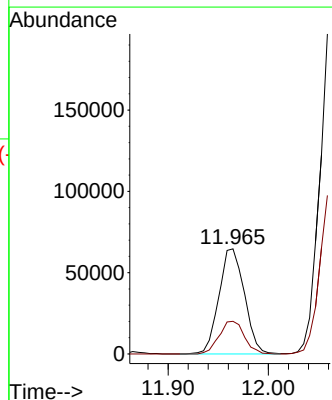
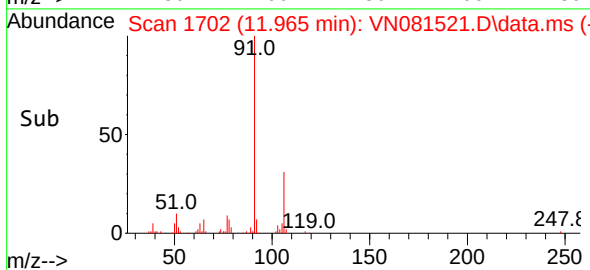
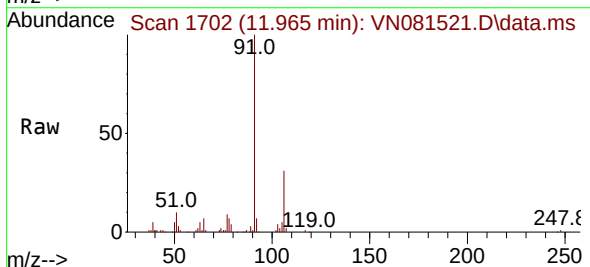
Manual Integrations
APPROVED

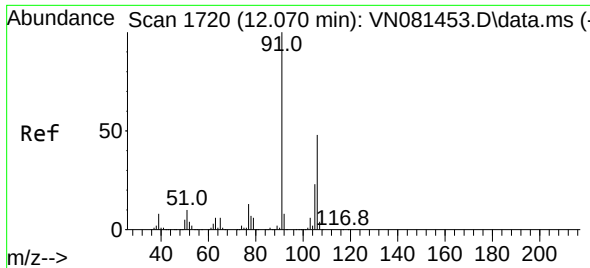
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#67
Ethyl Benzene
Concen: 3.468 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

Tgt Ion: 91 Resp: 114022
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6





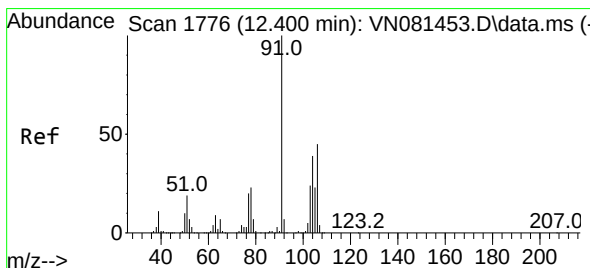
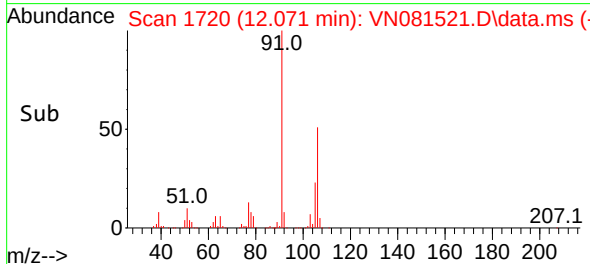
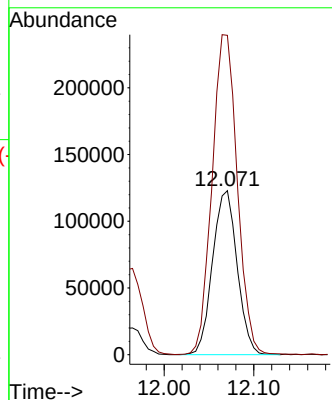
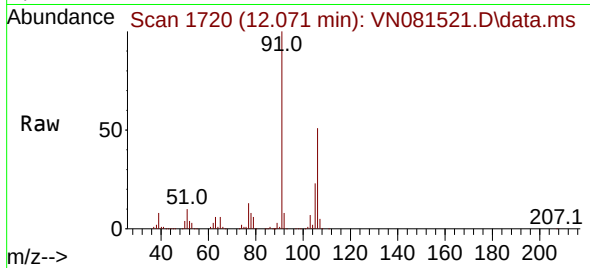
#68
m/p-Xylenes
Concen: 18.969 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

Instrument :
MSVOA_N
ClientSampleId :
S-4

Tgt Ion:106 Resp: 233785
Ion Ratio Lower Upper
106 100
91 200.0 169.0 253.6

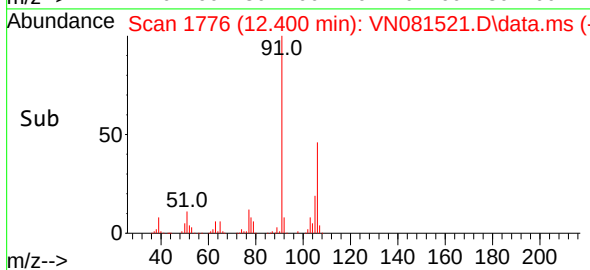
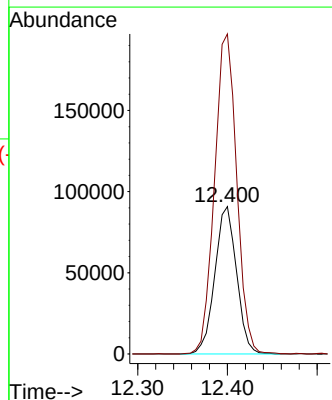
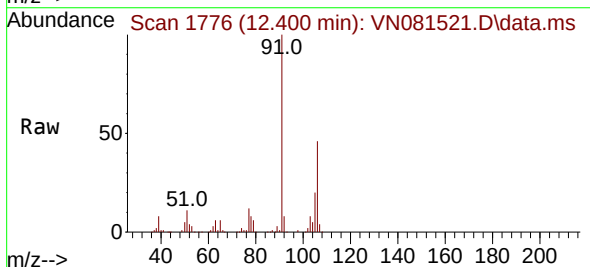
Manual Integrations
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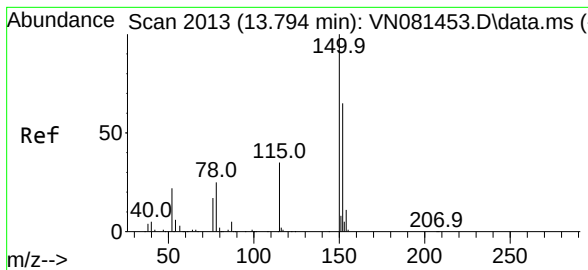
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#69
o-Xylene
Concen: 12.622 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081521.D
Acq: 21 Mar 2024 15:49

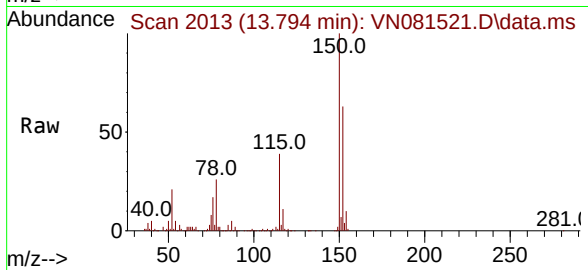
Tgt Ion:106 Resp: 152720
Ion Ratio Lower Upper
106 100
91 221.6 112.1 336.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081521.D
 Acq: 21 Mar 2024 15:49

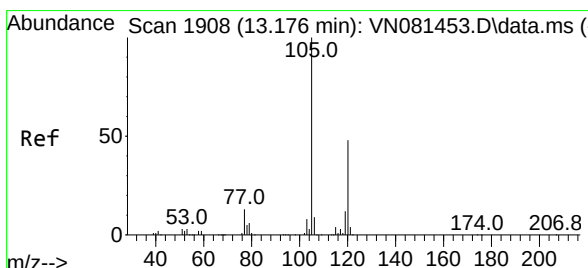
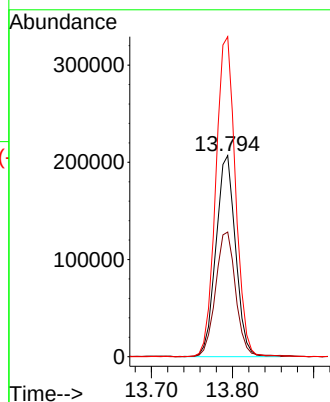
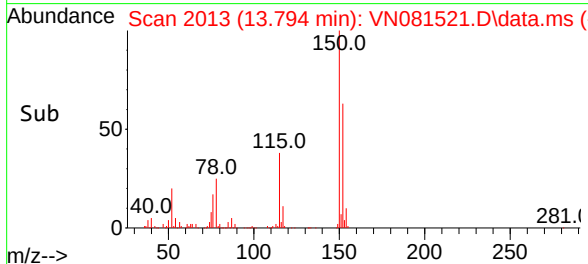
Instrument :
 MSVOA_N
 ClientSampleId :
 S-4



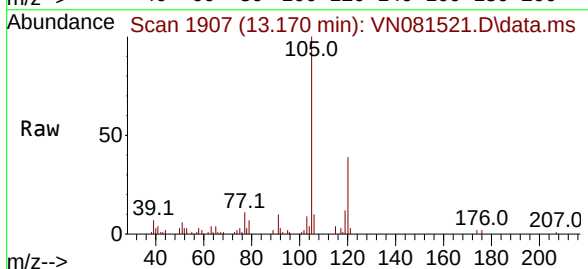
Tgt Ion:152 Resp: 34762
 Ion Ratio Lower Upper
 152 100
 115 64.2 32.3 96.8
 150 159.7 0.0 339.8

Manual Integrations
 APPROVED

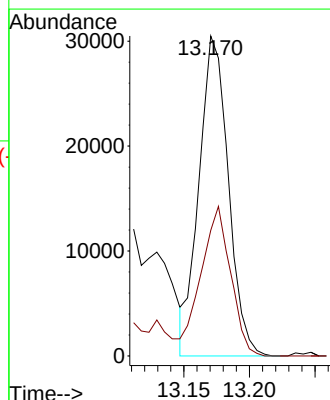
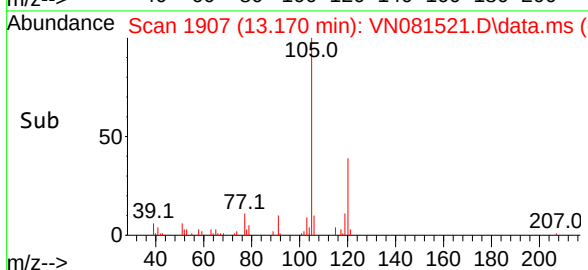
Reviewed By :Semsettin Yesilyurt 03/22/2024
 Supervised By :Mahesh Dadoda 03/22/2024

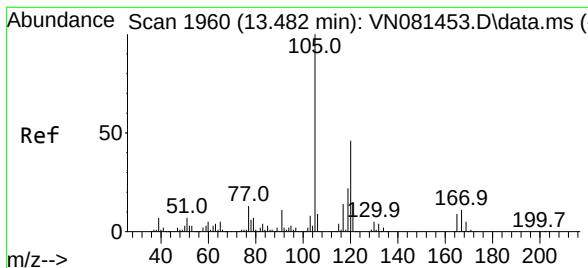


#80
 1,3,5-Trimethylbenzene
 Concen: 1.937 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VN081521.D
 Acq: 21 Mar 2024 15:49



Tgt Ion:105 Resp: 47414
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 5.511 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081521.D

Acq: 21 Mar 2024 15:49

Instrument :

MSVOA_N

ClientSampleId :

S-4

Tgt Ion:105 Resp: 13555

Ion Ratio Lower Upper

105 100

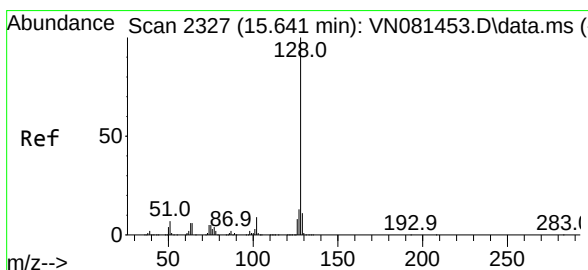
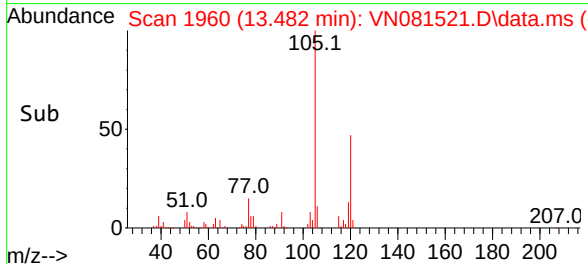
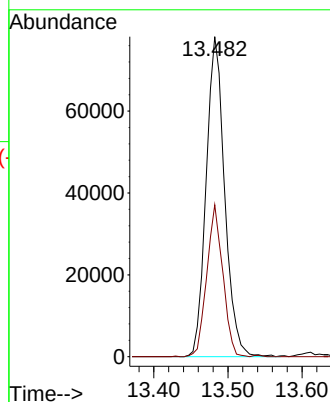
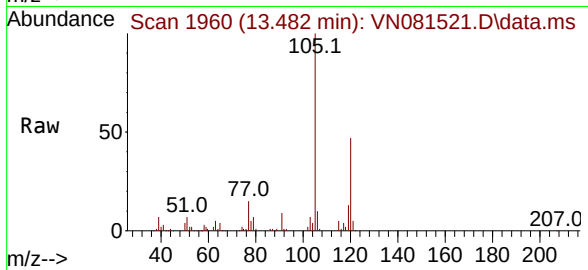
120 41.1 20.9 62.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2024

Supervised By :Mahesh Dadoda 03/22/2024



#95

Naphthalene

Concen: 82.472 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081521.D

Acq: 21 Mar 2024 15:49

Tgt Ion:128 Resp: 2000127

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.8 8.7 13.1

