

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081531.D
 Acq On : 21 Mar 2024 19:46
 Operator : JC\MD
 Sample : P1798-14 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-14

Manual Integrations
 APPROVED

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

Quant Time: Mar 22 05:12:59 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	472062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	830139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	730162	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	315207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	297840	49.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.940%		
35) Dibromofluoromethane	8.165	113	244999	46.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	10.571	98	953323	50.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.680%		
62) 4-Bromofluorobenzene	12.847	95	322713	48.360	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.720%		
Target Compounds						
16) Acetone	4.447	43	14890m	7.653	ug/l	
40) Benzene	8.606	78	4402212	170.786	ug/l	97
43) Isopropyl Acetate	8.688	43	15262	1.220	ug/l	# 87
52) Toluene	10.629	92	1407823	85.931	ug/l	100
67) Ethyl Benzene	11.965	91	120743	4.027	ug/l	99
68) m/p-Xylenes	12.071	106	238666	21.233	ug/l	98
69) o-Xylene	12.400	106	154691	14.018	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	48358	2.179	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	134745	6.041	ug/l	100
95) Naphthalene	15.641	128	2234033	101.590	ug/l	99

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

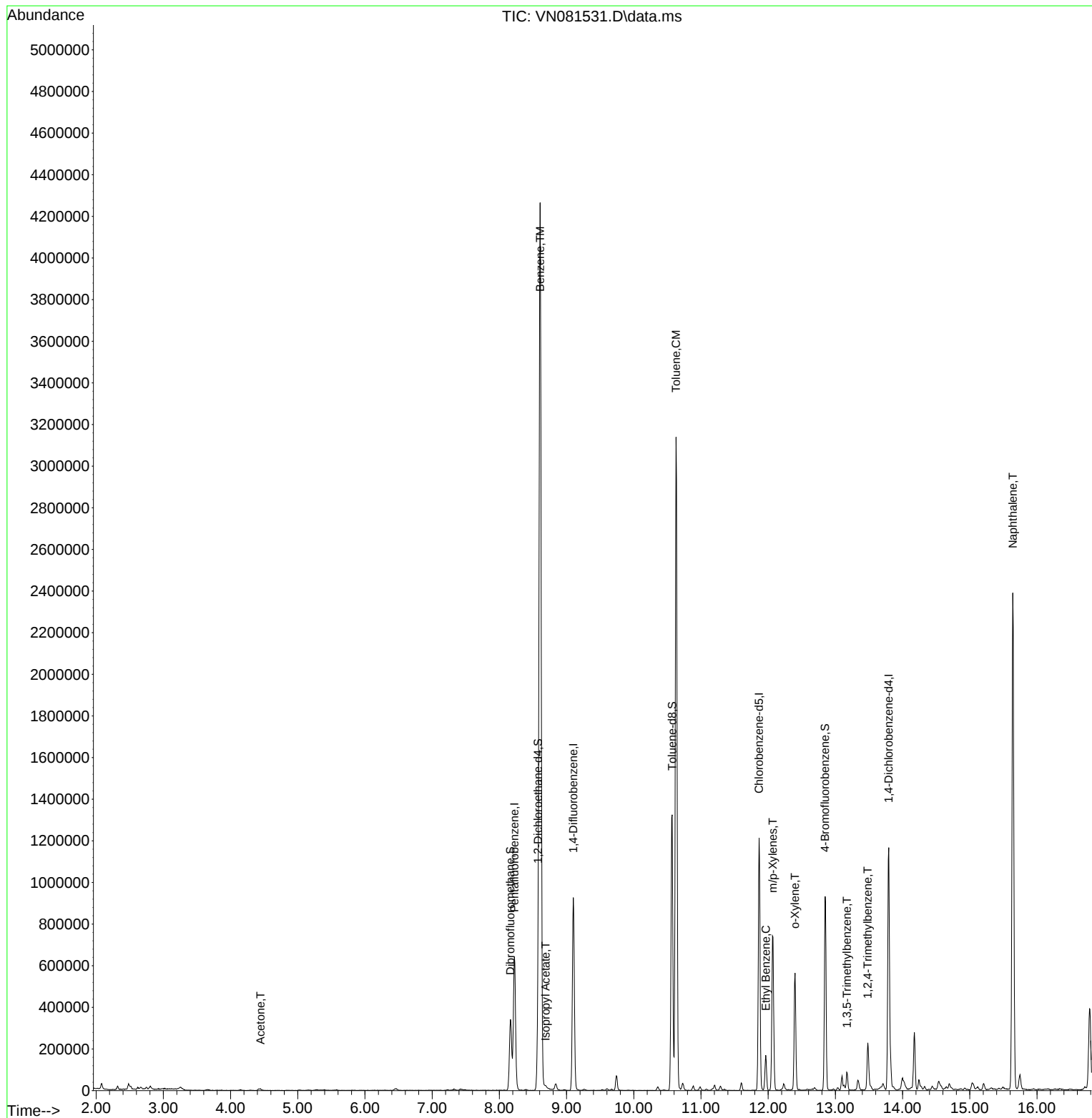
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
Data File : VN081531.D
Acq On : 21 Mar 2024 19:46
Operator : JC\MD
Sample : P1798-14 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

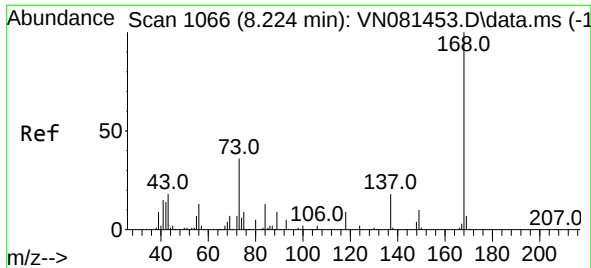
Instrument :
MSVOA_N
ClientSampleId :
S-14

Quant Time: Mar 22 05:12:59 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





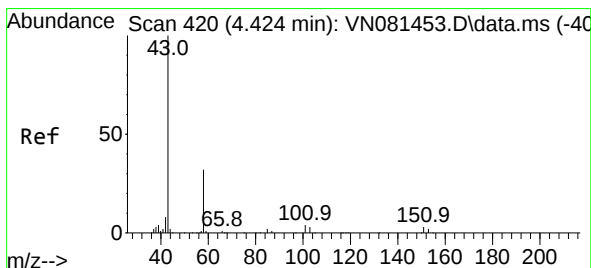
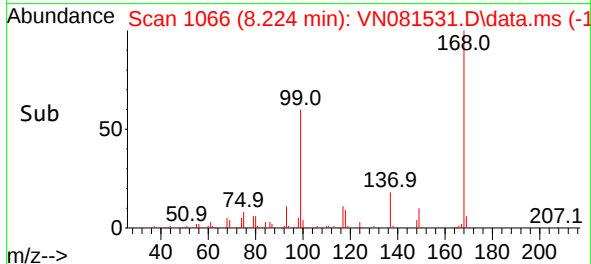
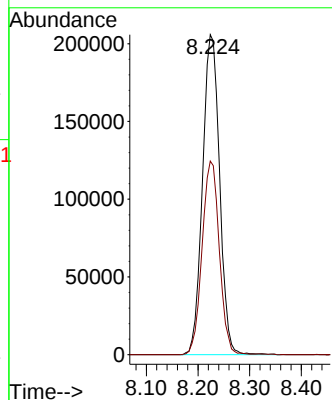
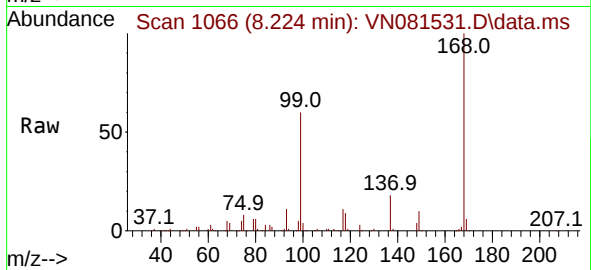
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :
S-14

Tgt Ion:168 Resp: 472062
Ion Ratio Lower Upper
168 100
99 60.5 59.9 89.9

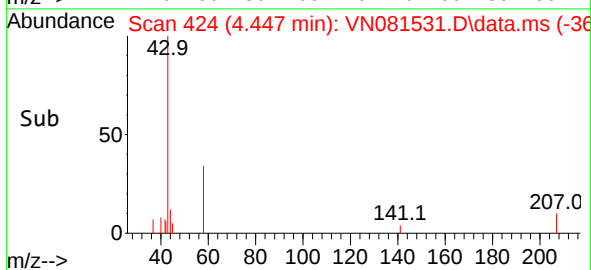
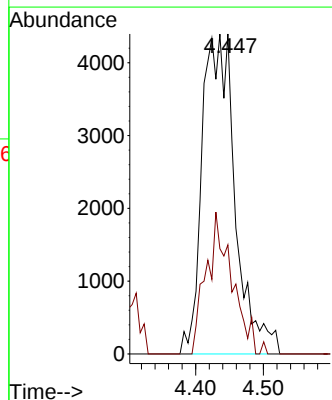
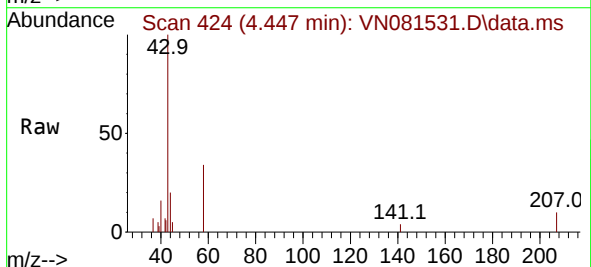
Manual Integrations
APPROVED

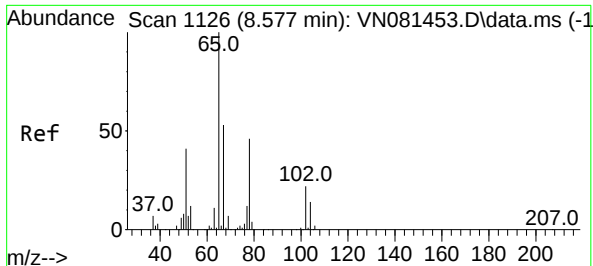
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#16
Acetone
Concen: 7.653 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

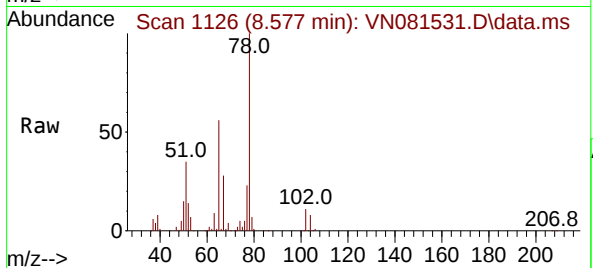
Tgt Ion: 43 Resp: 14890
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2





#33
1,2-Dichloroethane-d4
Concen: 49.475 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

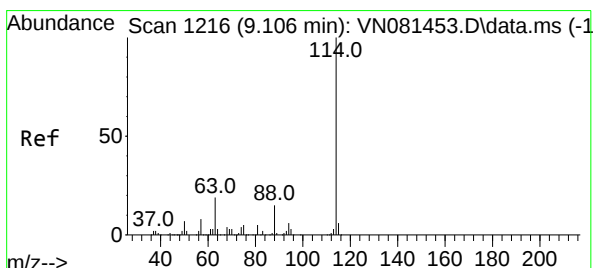
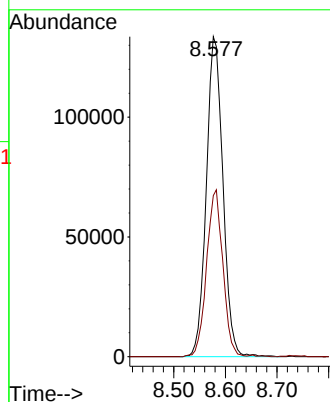
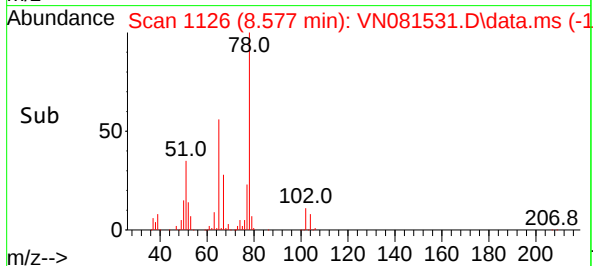
Instrument :
MSVOA_N
ClientSampleId :
S-14



Tgt Ion: 65 Resp: 297840
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4

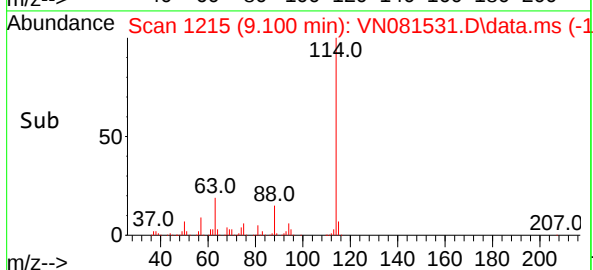
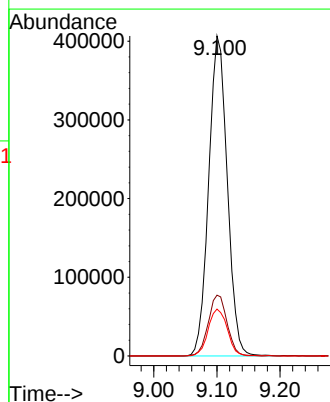
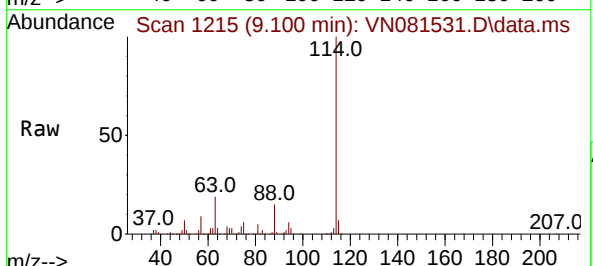
Manual Integrations
APPROVED

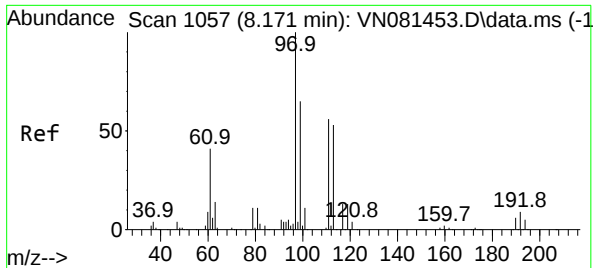
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

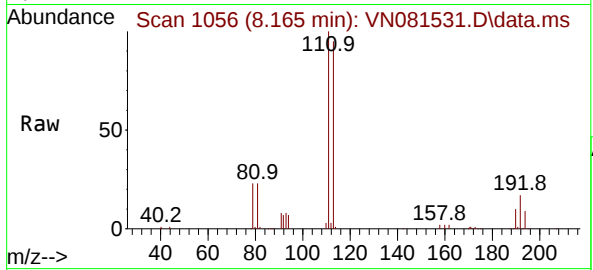
Tgt Ion:114 Resp: 830139
Ion Ratio Lower Upper
114 100
63 19.0 0.0 48.0
88 14.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 46.764 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

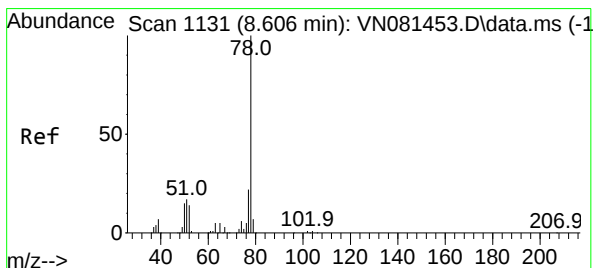
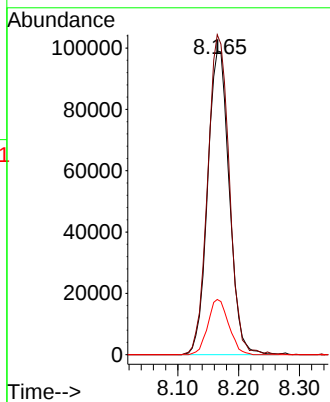
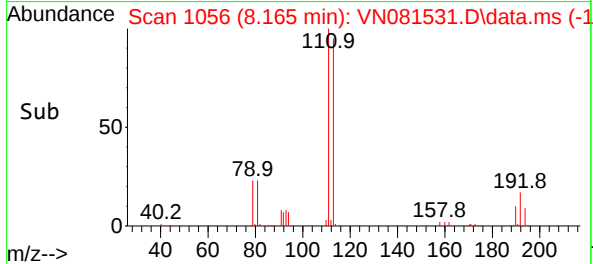
Instrument :
MSVOA_N
ClientSampleId :
S-14



Tgt Ion:113 Resp: 244999
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 17.5 12.5 18.7

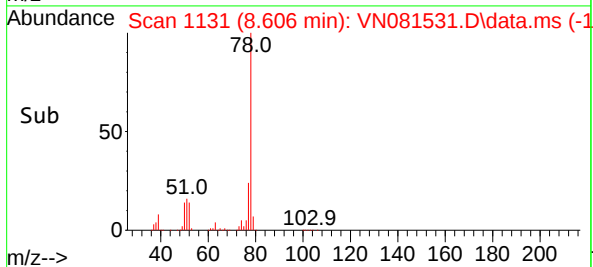
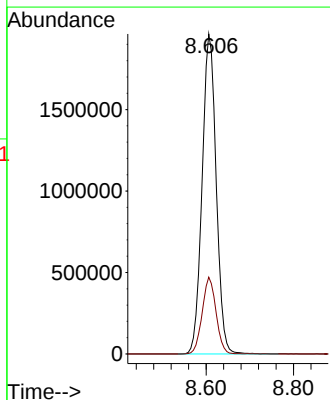
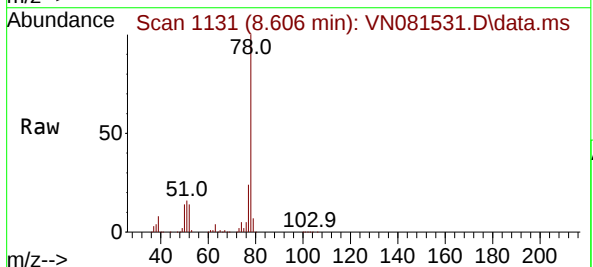
Manual Integrations
APPROVED

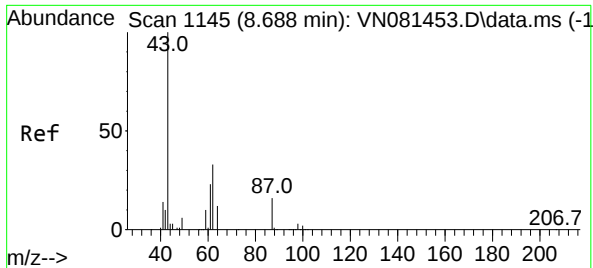
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#40
Benzene
Concen: 170.786 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

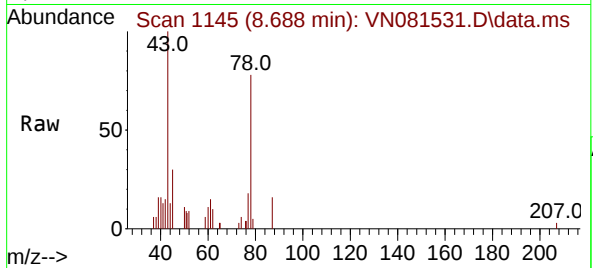
Tgt Ion: 78 Resp: 4402212
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6





#43
Isopropyl Acetate
Concen: 1.220 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

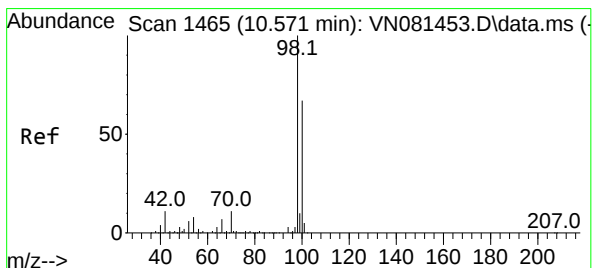
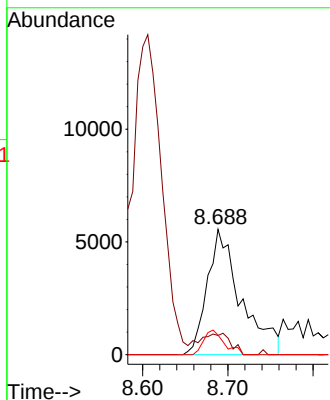
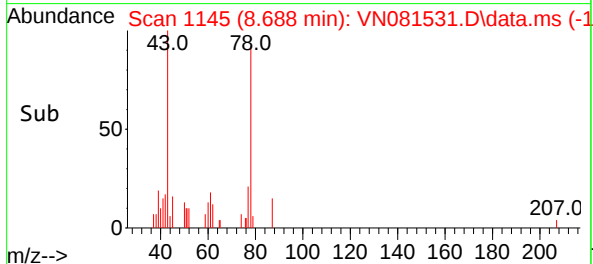
Instrument :
MSVOA_N
ClientSampleId :
S-14



Tgt Ion: 43 Resp: 15262
Ion Ratio Lower Upper
43 100
61 15.9 19.9 29.9
87 12.0 9.0 13.6

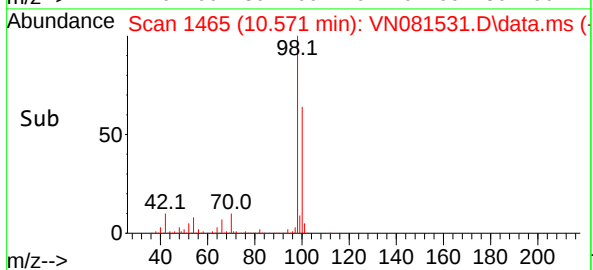
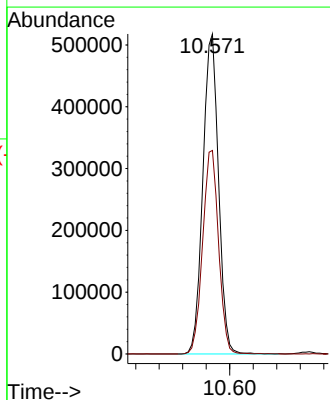
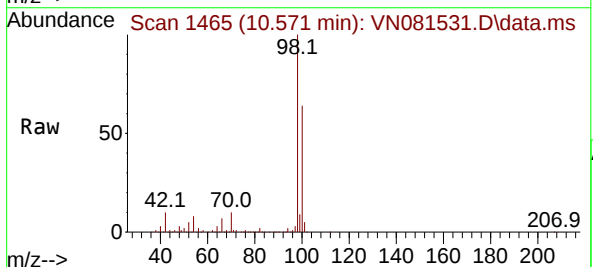
Manual Integrations
APPROVED

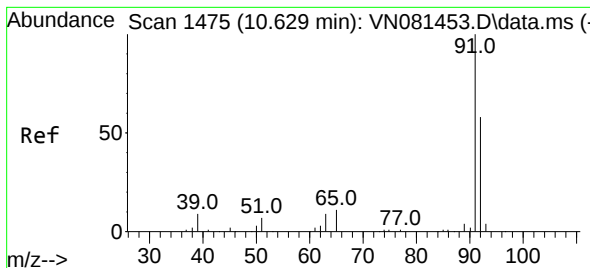
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#50
Toluene-d8
Concen: 50.338 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 98 Resp: 953323
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0





#52

Toluene

Concen: 85.931 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

S-14

Tgt Ion: 92 Resp: 140782

Ion Ratio Lower Upper

92 100

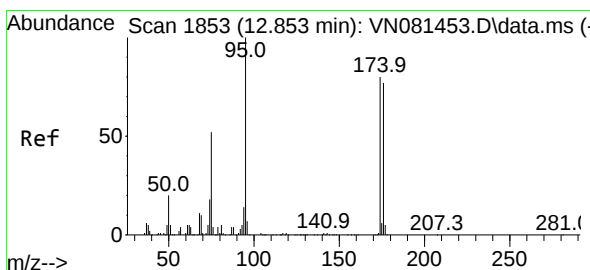
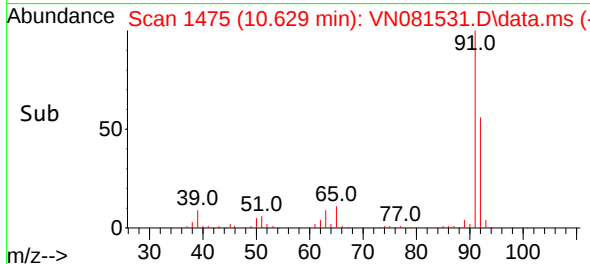
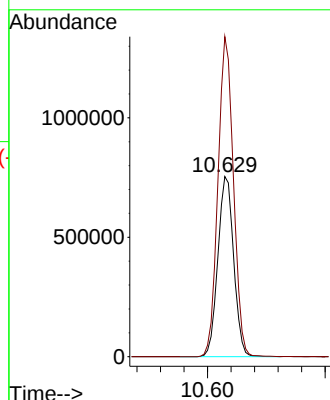
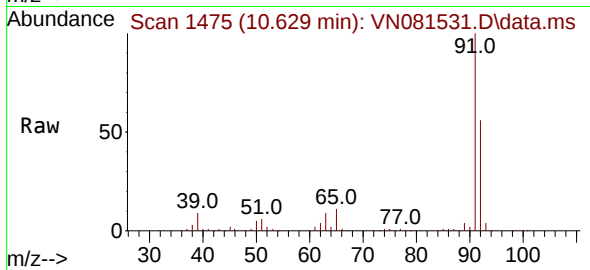
91 174.3 139.4 209.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2024

Supervised By :Mahesh Dadoda 03/22/2024



#62

4-Bromofluorobenzene

Concen: 48.360 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

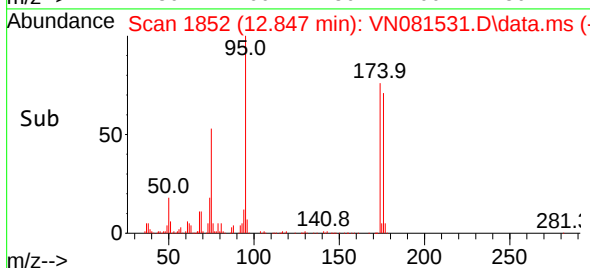
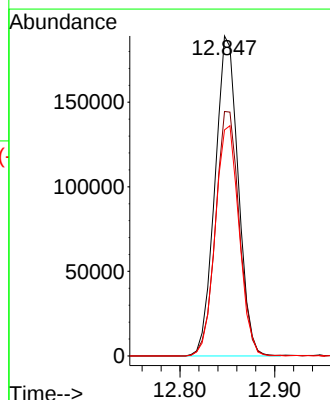
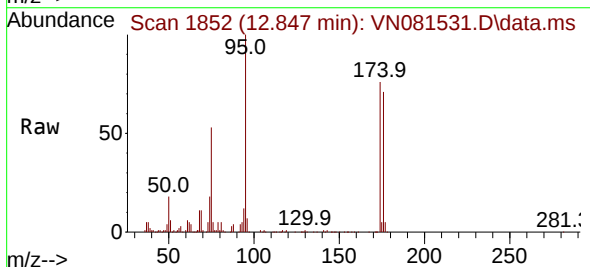
Tgt Ion: 95 Resp: 322713

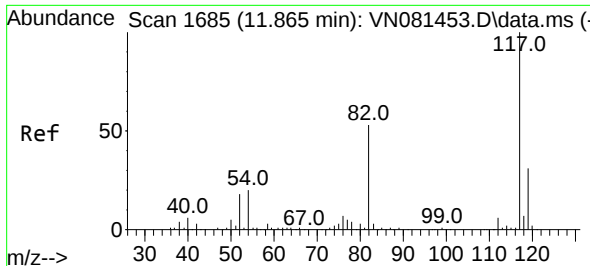
Ion Ratio Lower Upper

95 100

174 78.1 0.0 120.4

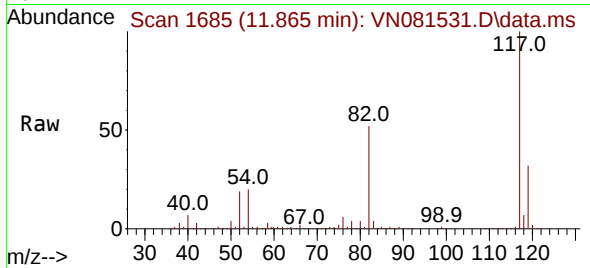
176 73.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

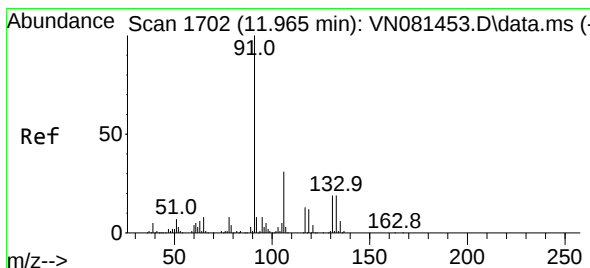
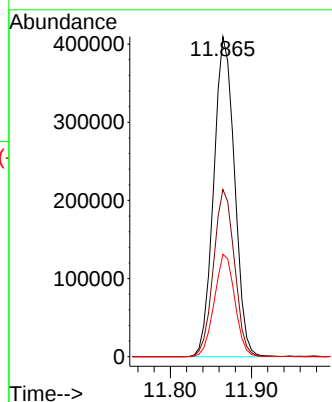
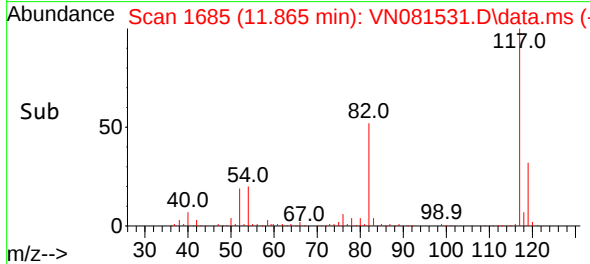
Instrument :
MSVOA_N
ClientSampleId :
S-14



Tgt Ion:117 Resp: 730162
Ion Ratio Lower Upper
117 100
82 52.2 52.7 79.1
119 32.0 25.3 37.9

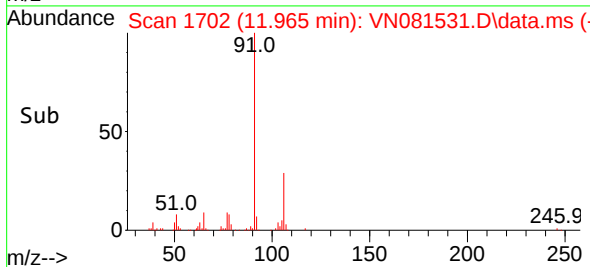
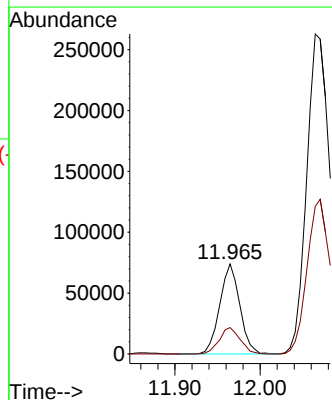
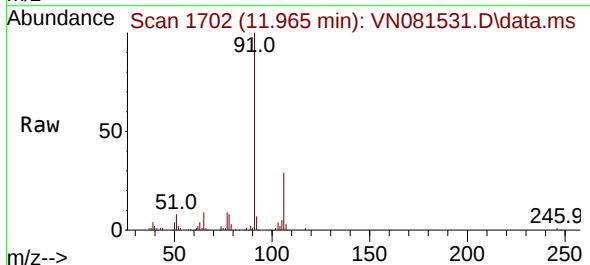
Manual Integrations
APPROVED

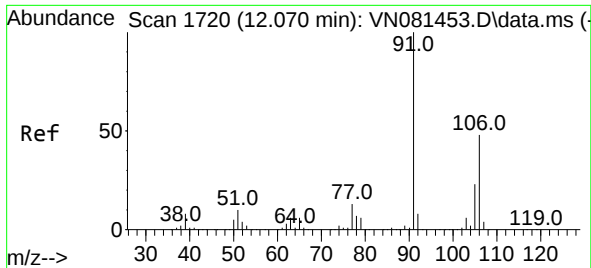
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#67
Ethyl Benzene
Concen: 4.027 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Tgt Ion: 91 Resp: 120743
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6





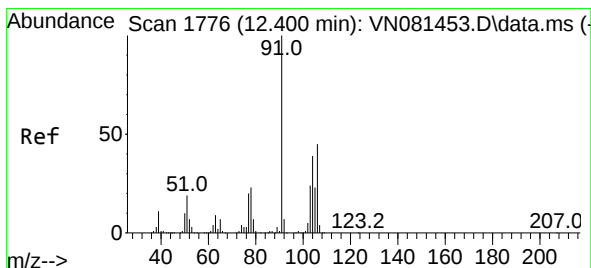
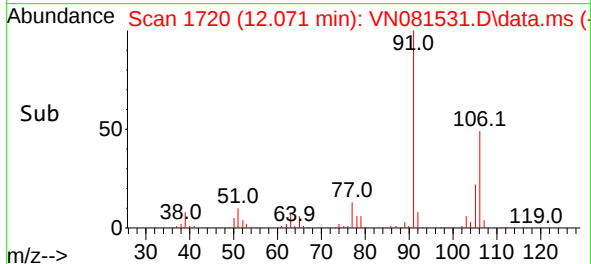
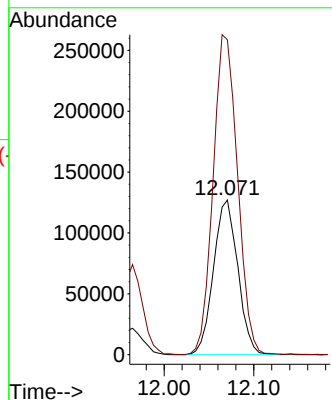
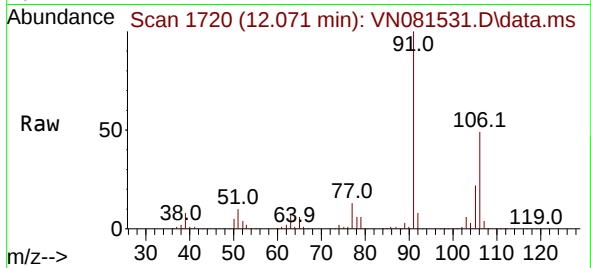
#68
m/p-Xylenes
Concen: 21.233 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

Instrument :
MSVOA_N
ClientSampleId :
S-14

Tgt Ion:106 Resp: 238660
Ion Ratio Lower Upper
106 100
91 208.1 169.0 253.6

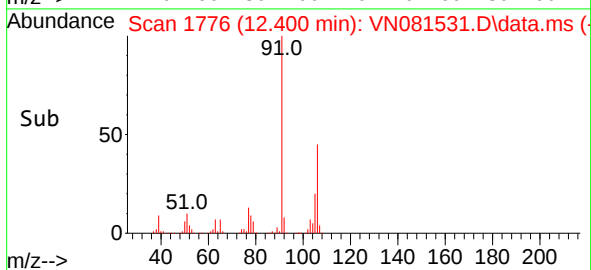
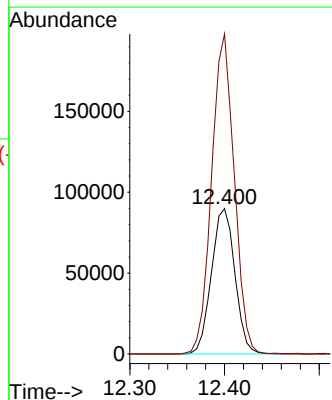
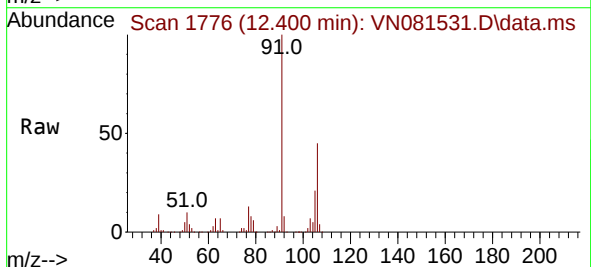
Manual Integrations
APPROVED

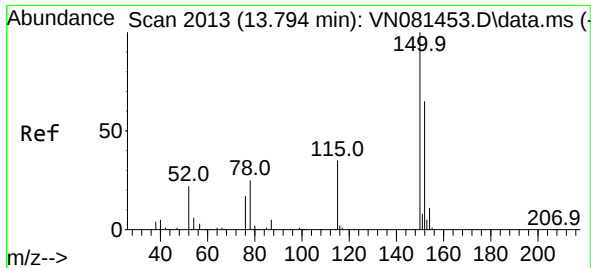
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024



#69
o-Xylene
Concen: 14.018 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

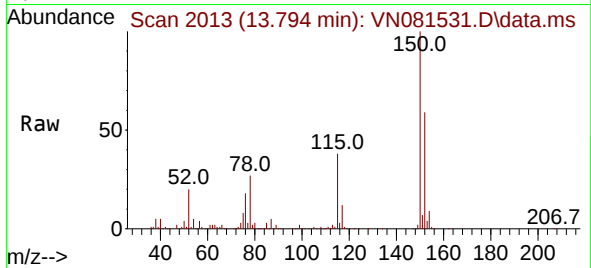
Tgt Ion:106 Resp: 154691
Ion Ratio Lower Upper
106 100
91 213.2 112.1 336.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46

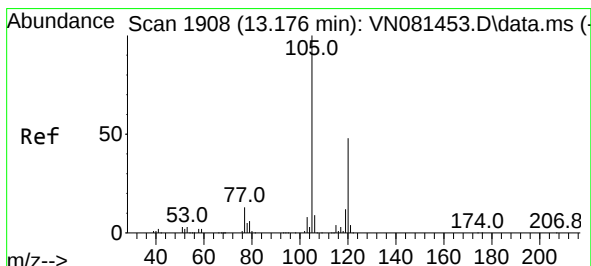
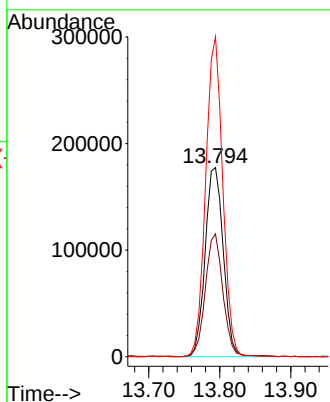
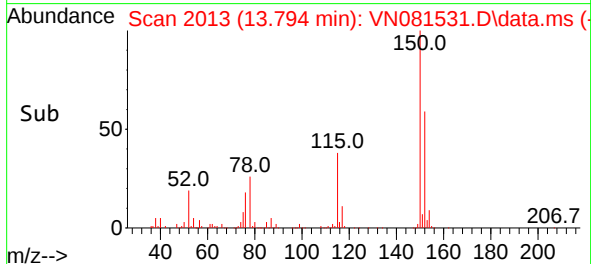
Instrument :
MSVOA_N
ClientSampleId :
S-14



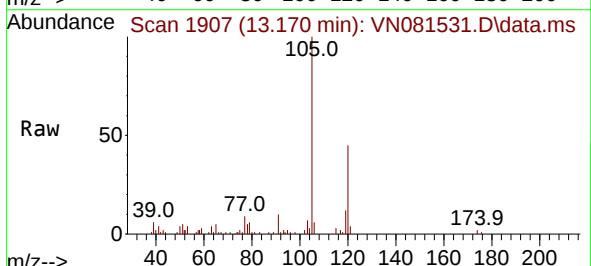
Tgt Ion:152 Resp: 31520
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 159.1 0.0 339.8

Manual Integrations
APPROVED

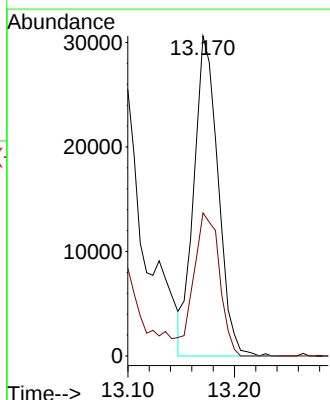
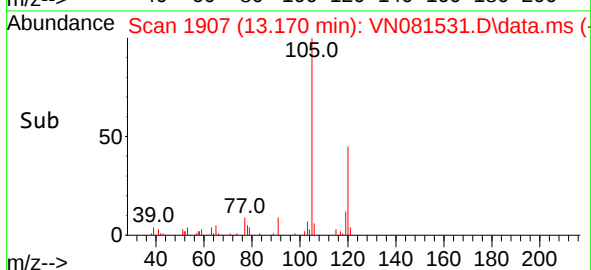
Reviewed By :Semsettin Yesilyurt 03/22/2024
Supervised By :Mahesh Dadoda 03/22/2024

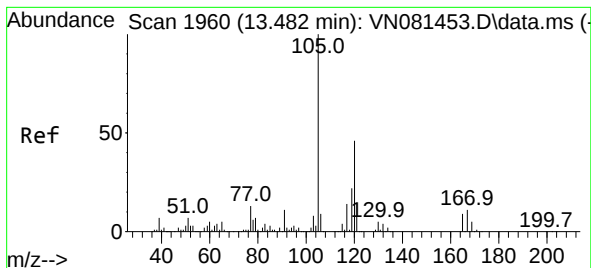


#80
1,3,5-Trimethylbenzene
Concen: 2.179 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081531.D
Acq: 21 Mar 2024 19:46



Tgt Ion:105 Resp: 48358
Ion Ratio Lower Upper
105 100
120 48.5 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 6.041 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

S-14

Tgt Ion:105 Resp: 13474

Ion Ratio Lower Upper

105 100

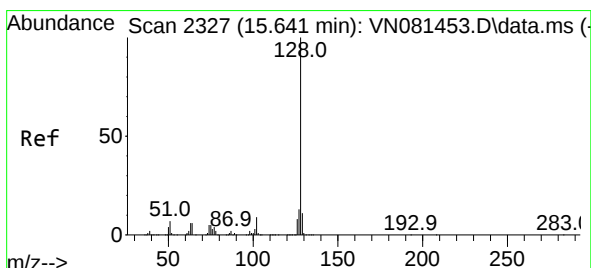
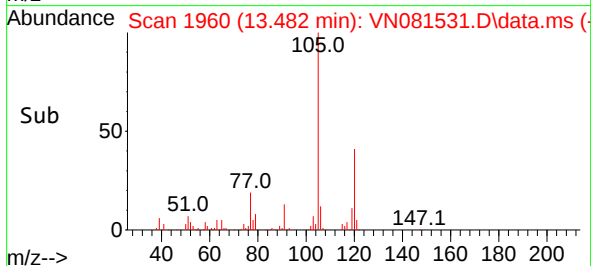
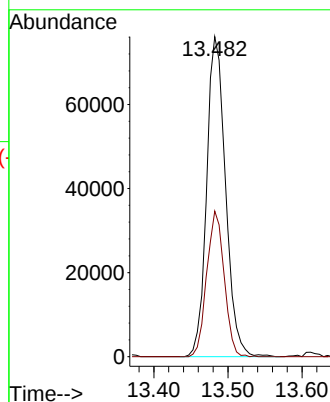
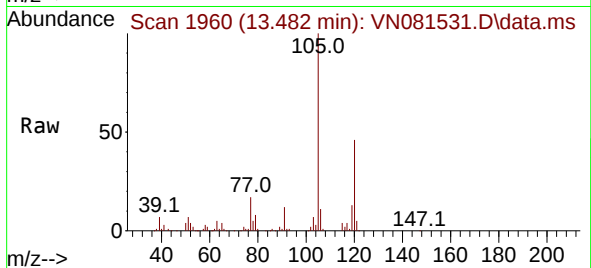
120 42.1 20.9 62.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2024

Supervised By :Mahesh Dadoda 03/22/2024



#95

Naphthalene

Concen: 101.590 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081531.D

Acq: 21 Mar 2024 19:46

Tgt Ion:128 Resp: 2234033

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.8 8.7 13.1

