

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079757.D
 Acq On : 31 Oct 2023 20:31
 Operator : JC\MD
 Sample : 05107-11ME 20X
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1081ME

Quant Time: Nov 01 01:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/01/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	293917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	562395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	565032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220286	46.671	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.340%		
35) Dibromofluoromethane	8.171	113	203824	50.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.440%		
50) Toluene-d8	10.571	98	671057	44.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.580%		
62) 4-Bromofluorobenzene	12.853	95	288185	61.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.180%		
Target Compounds						Qvalue
16) Acetone	4.442	43	7103	3.517	ug/l	97
31) Cyclohexane	8.253	56	18616m	2.891	ug/l	
39) Methylcyclohexane	9.600	83	22505	3.795	ug/l	89
40) Benzene	8.612	78	263008	14.948	ug/l	96
52) Toluene	10.635	92	319813	29.773	ug/l	100
67) Ethyl Benzene	11.965	91	105231	4.776	ug/l	98
68) m/p-Xylenes	12.071	106	221645	27.199	ug/l	94
69) o-Xylene	12.400	106	130757	16.687	ug/l	93
78) n-propylbenzene	13.035	91	30462	1.086	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	133465	6.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	288590	15.071	ug/l	100
95) Naphthalene	15.641	128	3348580	410.684	ug/l	99

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

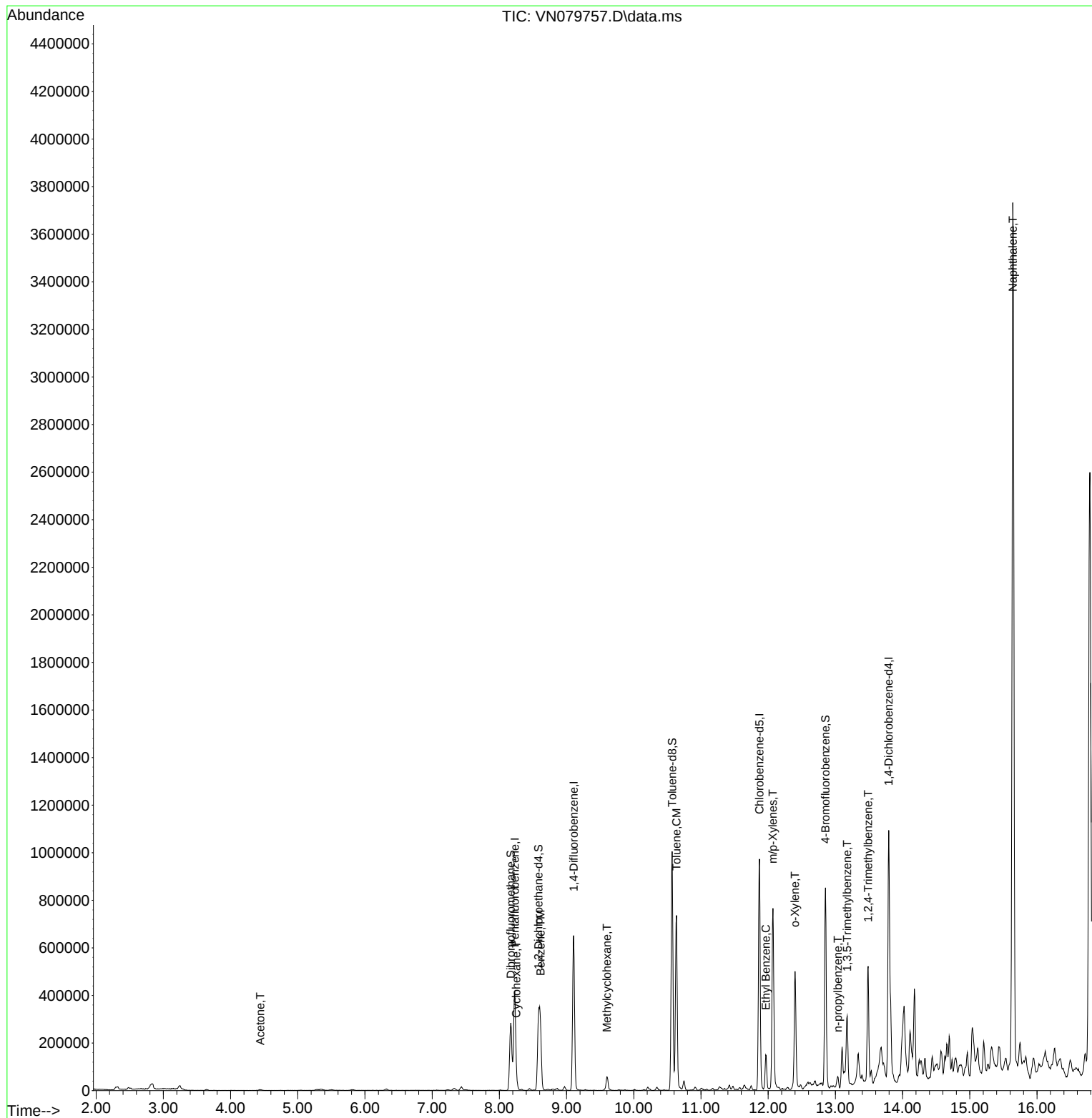
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
Data File : VN079757.D
Acq On : 31 Oct 2023 20:31
Operator : JC\MD
Sample : 05107-11ME 20X
Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 25 Sample Multiplier: 1

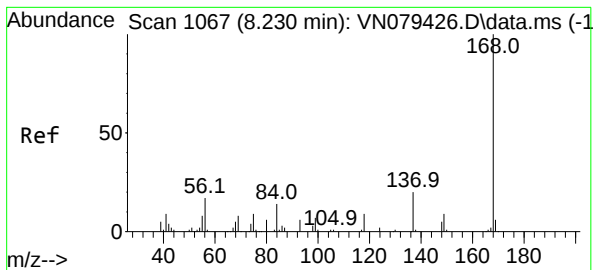
Instrument :
MSVOA_N
ClientSampleId :
1081ME

Quant Time: Nov 01 01:27:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

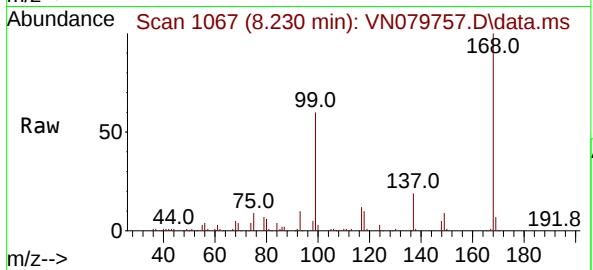
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

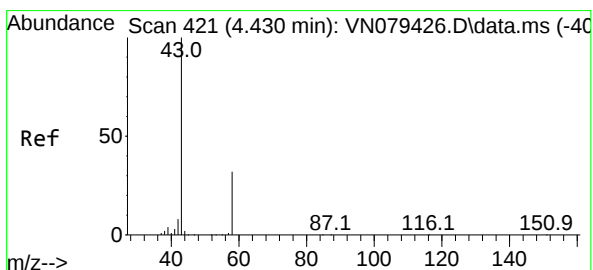
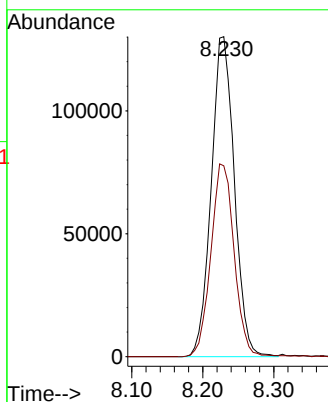
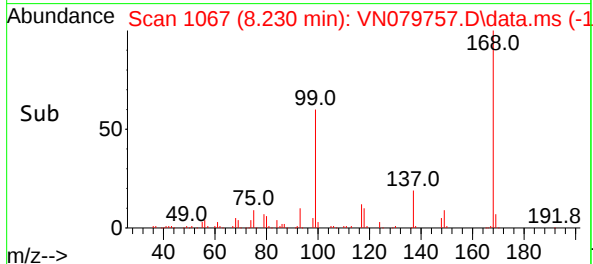
Instrument :
MSVOA_N
ClientSampleId :
1081ME



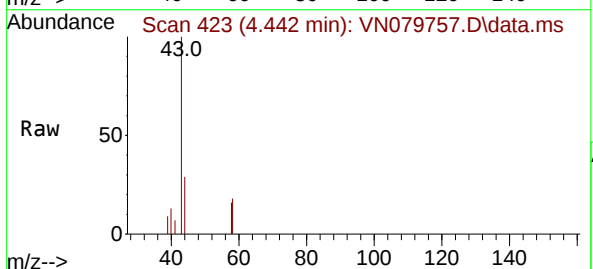
Tgt Ion:168 Resp: 293917
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6

Manual Integrations
APPROVED

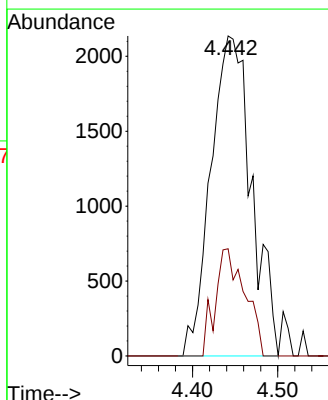
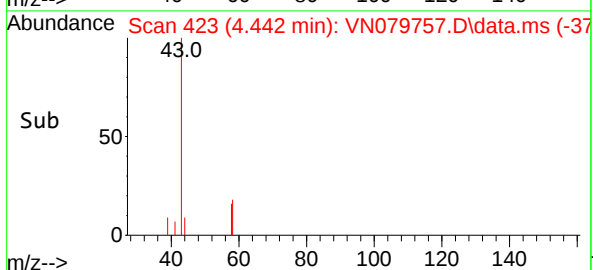
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

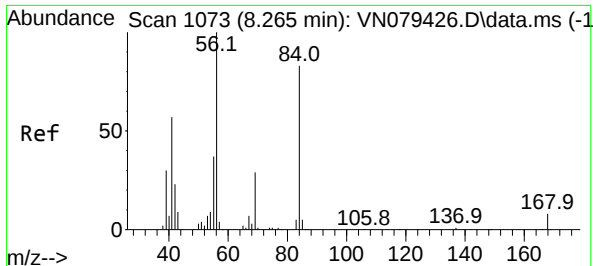


#16
Acetone
Concen: 3.517 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31



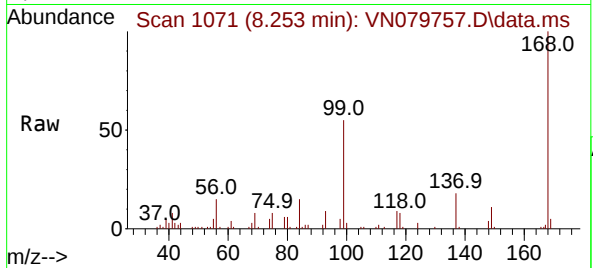
Tgt Ion: 43 Resp: 7103
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0





#31
Cyclohexane
Concen: 2.891 ug/l m
RT: 8.253 min Scan# 1071
Delta R.T. -0.012 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

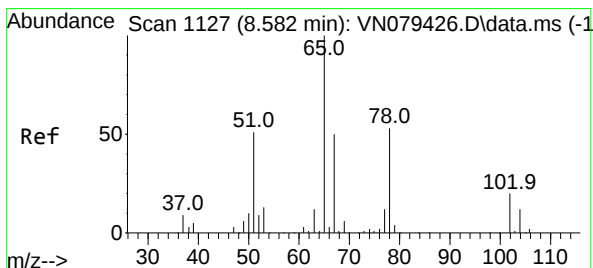
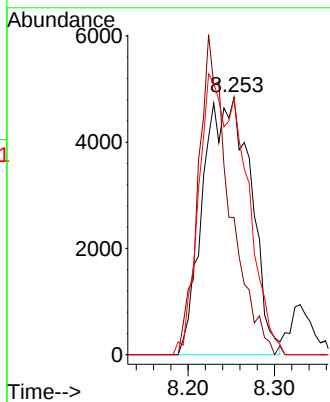
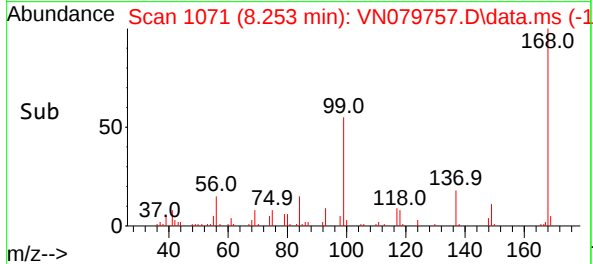
Instrument :
MSVOA_N
ClientSampleId :
1081ME



Tgt Ion: 56 Resp: 18610
Ion Ratio Lower Upper
56 100
69 53.3 26.8 40.2
84 99.4 81.8 122.6

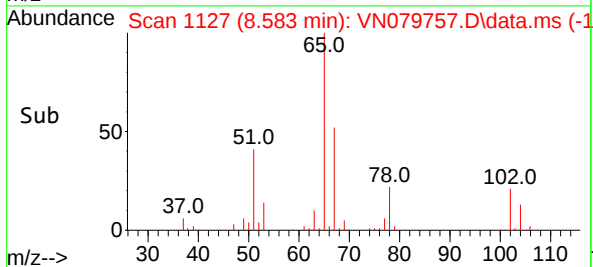
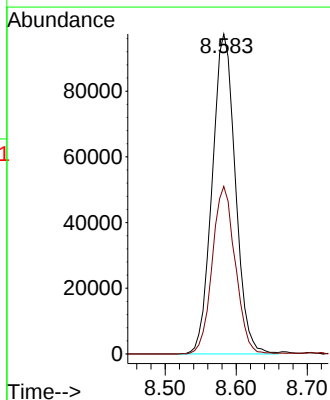
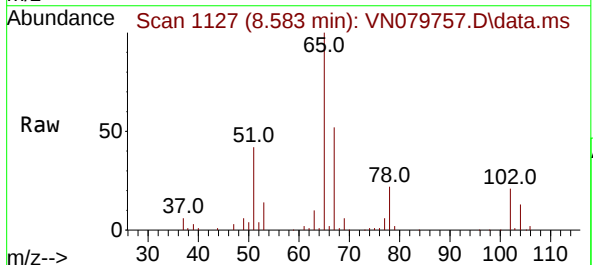
Manual Integrations
APPROVED

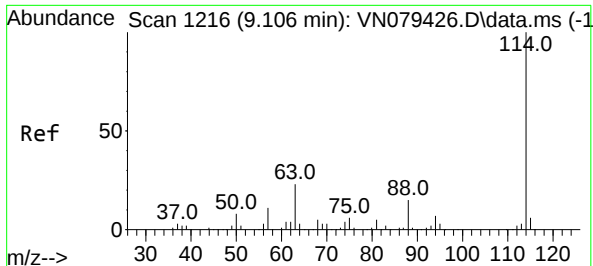
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#33
1,2-Dichloroethane-d4
Concen: 46.671 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

Tgt Ion: 65 Resp: 220286
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079757.D

Acq: 31 Oct 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

1081ME

Tgt Ion:114 Resp: 56239

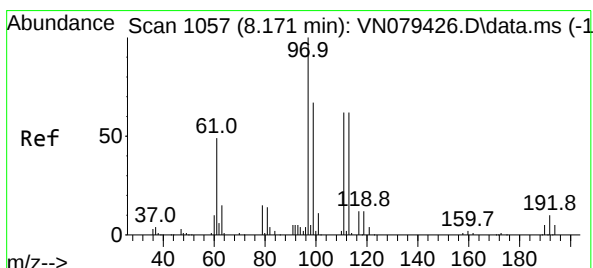
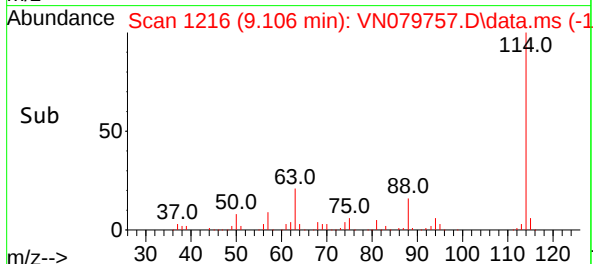
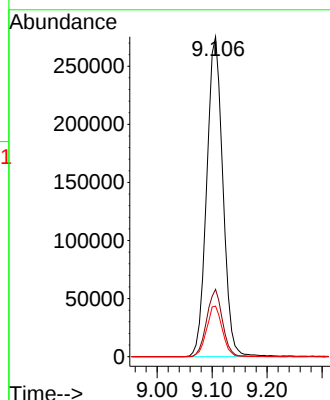
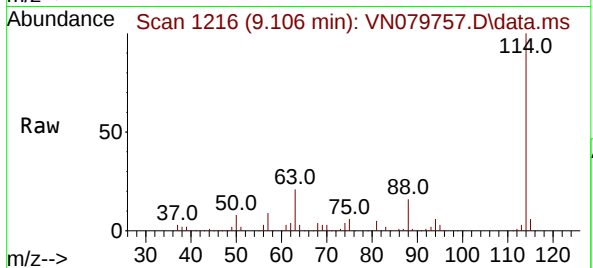
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	36.4
88	15.8	0.0	30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#35

Dibromofluoromethane

Concen: 50.720 ug/l

RT: 8.171 min Scan# 1057

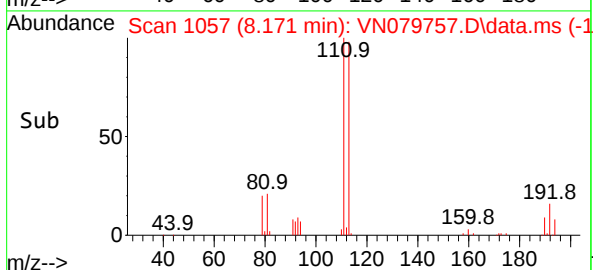
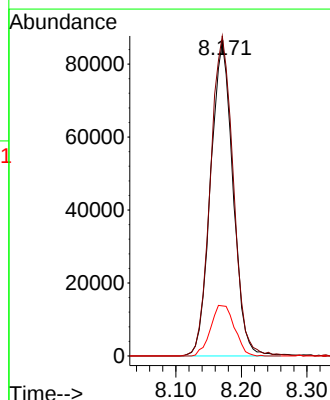
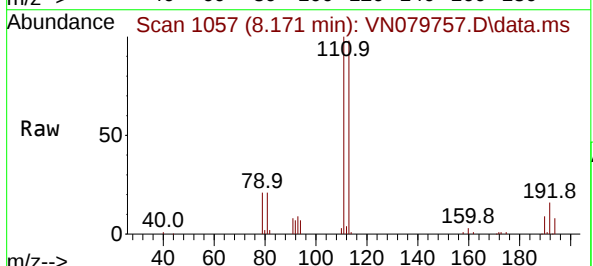
Delta R.T. -0.000 min

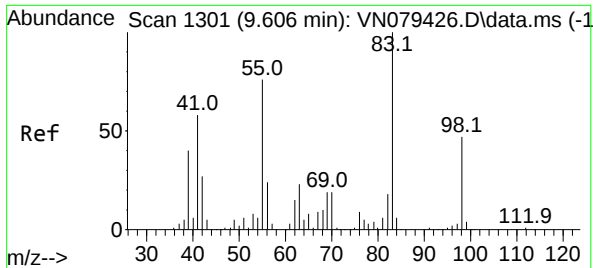
Lab File: VN079757.D

Acq: 31 Oct 2023 20:31

Tgt Ion:113 Resp: 203824

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	17.2	12.7	19.1





#39

Methylcyclohexane

Concen: 3.795 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079757.D

Acq: 31 Oct 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

1081ME

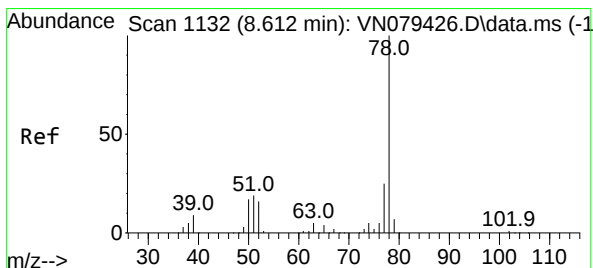
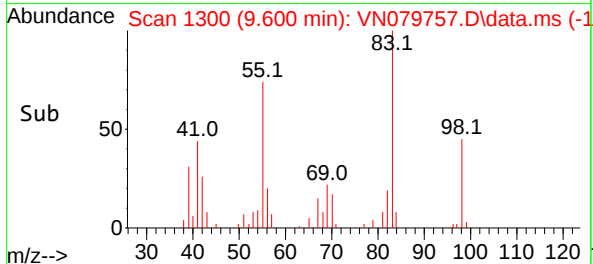
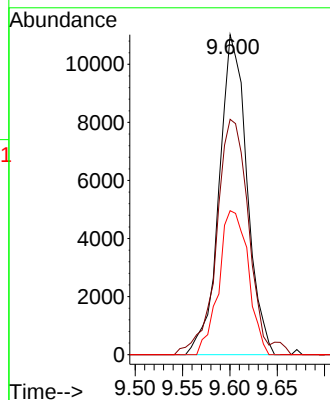
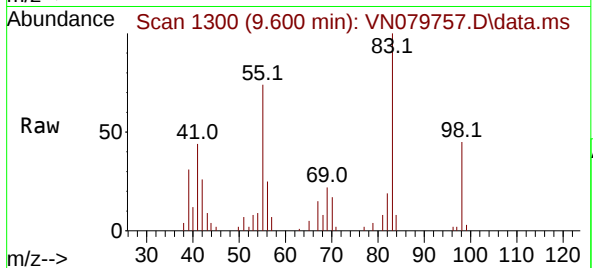
Tgt Ion: 83	Resp: 2250
Ion Ratio	Lower Upper
83 100	
55 71.6	49.1 73.7
98 45.0	40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#40

Benzene

Concen: 14.948 ug/l

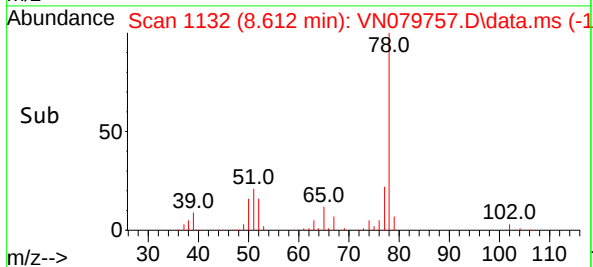
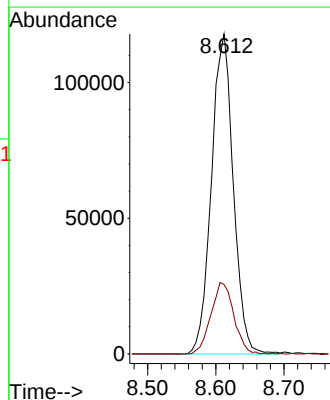
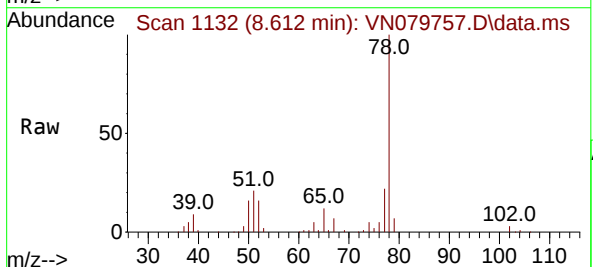
RT: 8.612 min Scan# 1132

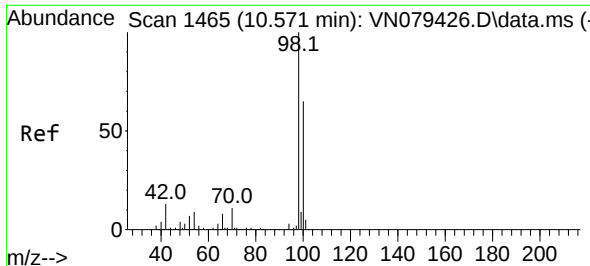
Delta R.T. -0.000 min

Lab File: VN079757.D

Acq: 31 Oct 2023 20:31

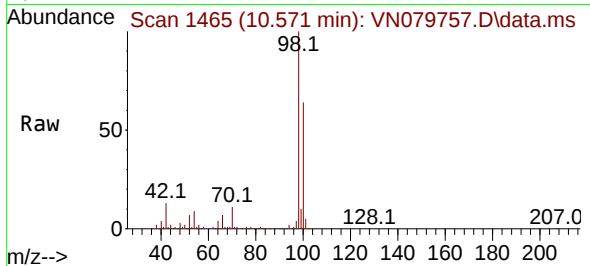
Tgt Ion: 78	Resp: 263008
Ion Ratio	Lower Upper
78 100	
77 21.7	19.0 28.6





#50
Toluene-d8
Concen: 44.795 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

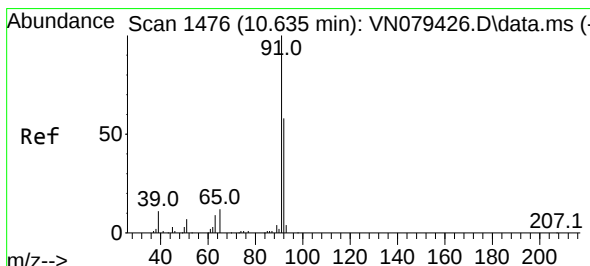
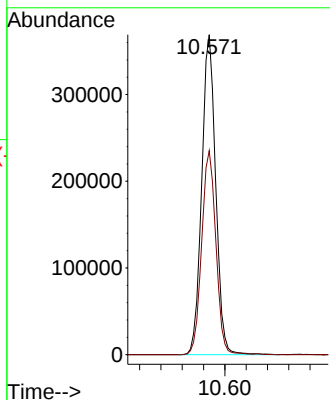
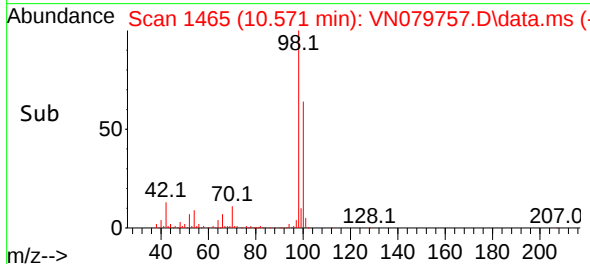
Instrument :
MSVOA_N
ClientSampleId :
1081ME



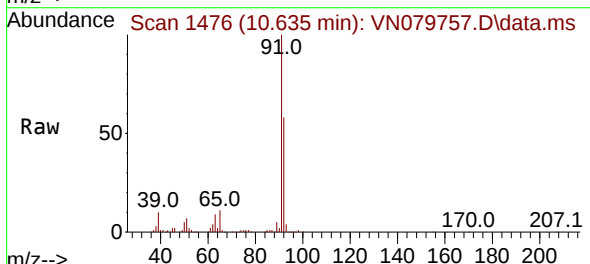
Tgt Ion: 98 Resp: 67105
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

Manual Integrations
APPROVED

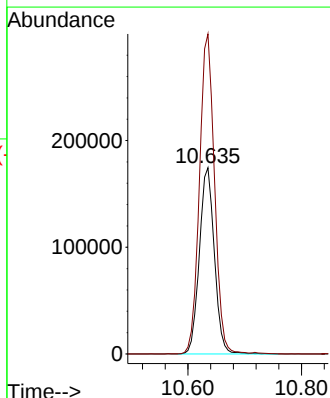
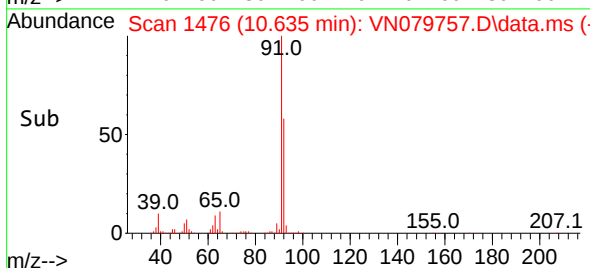
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

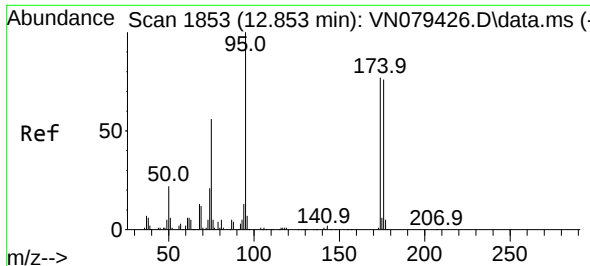


#52
Toluene
Concen: 29.773 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31



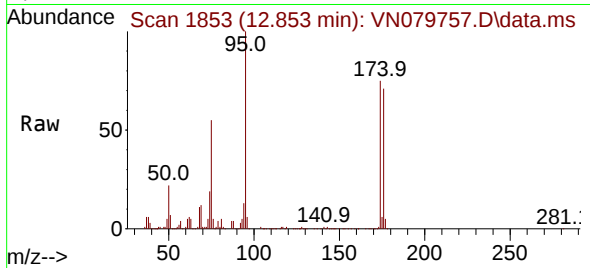
Tgt Ion: 92 Resp: 319813
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 61.087 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

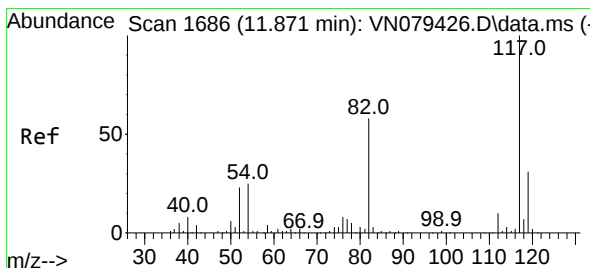
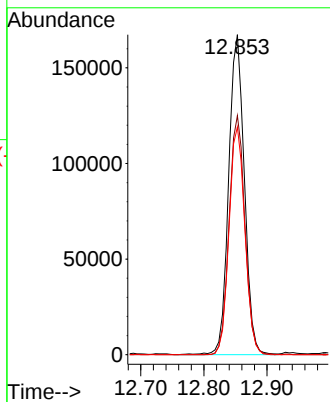
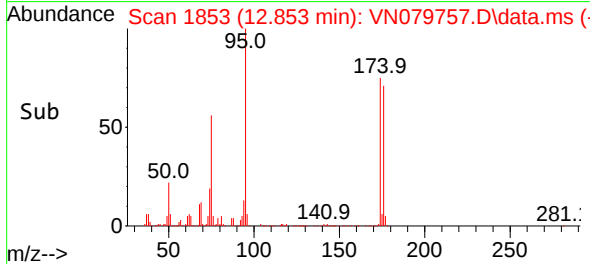
Instrument :
MSVOA_N
ClientSampleId :
1081ME



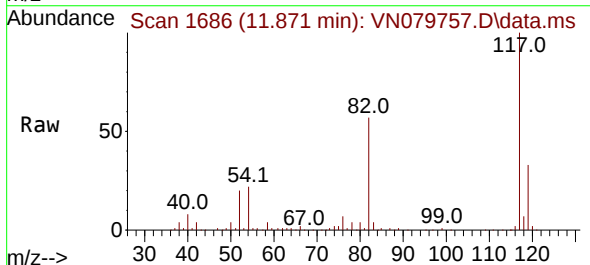
Tgt Ion: 95 Resp: 28818
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.8 0.0 135.8

Manual Integrations
APPROVED

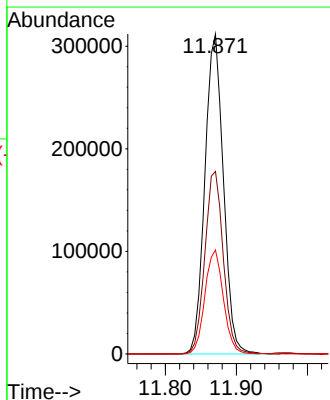
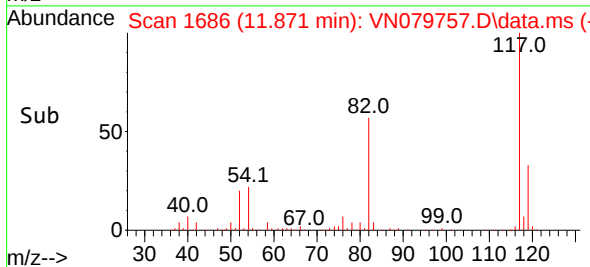
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

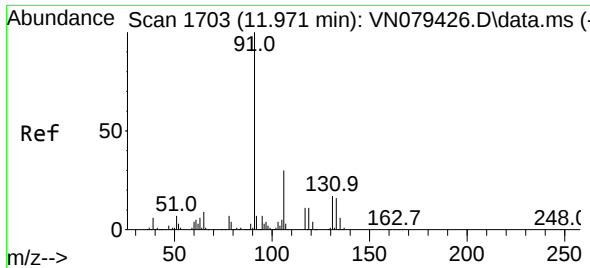


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31



Tgt Ion:117 Resp: 565032
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.5 25.6 38.4





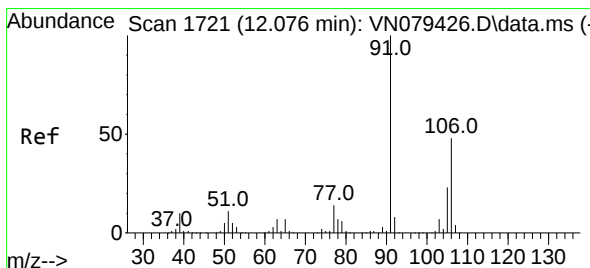
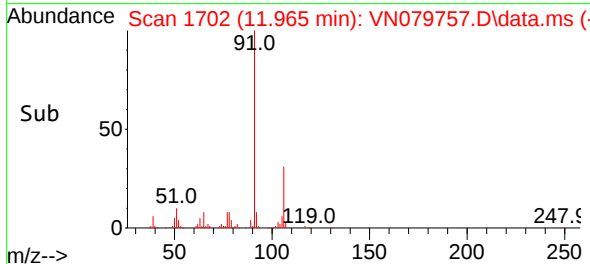
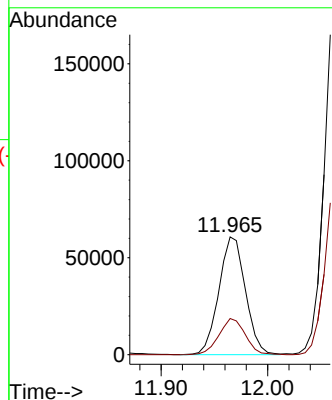
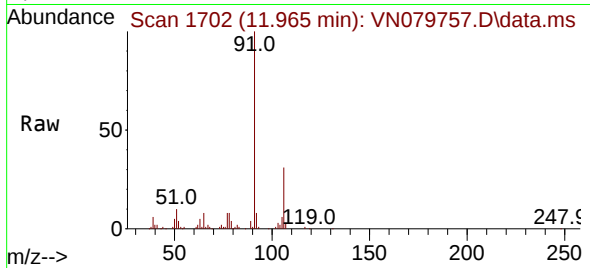
#67
Ethyl Benzene
Concen: 4.776 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

Instrument :
MSVOA_N
ClientSampleId :
1081ME

Tgt Ion: 91 Resp: 10523
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

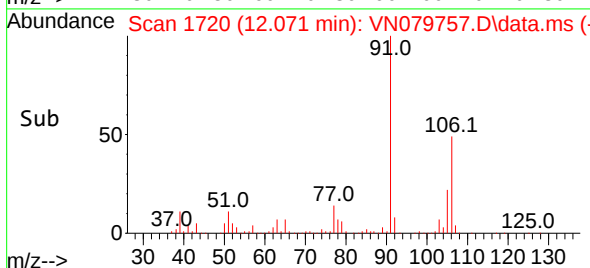
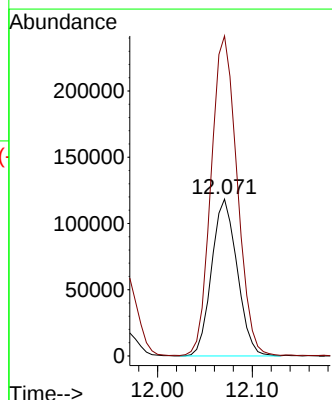
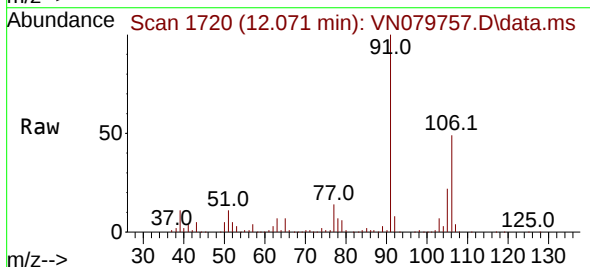
Manual Integrations
APPROVED

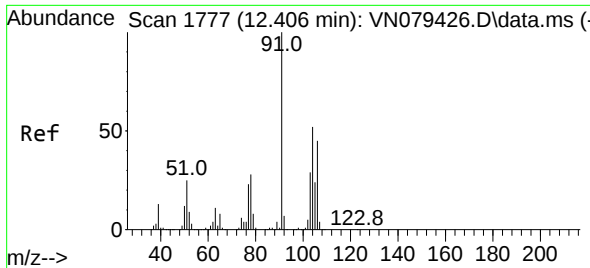
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#68
m/p-Xylenes
Concen: 27.199 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

Tgt Ion:106 Resp: 221645
Ion Ratio Lower Upper
106 100
91 208.2 159.6 239.4





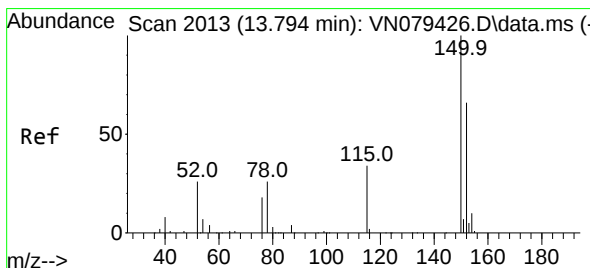
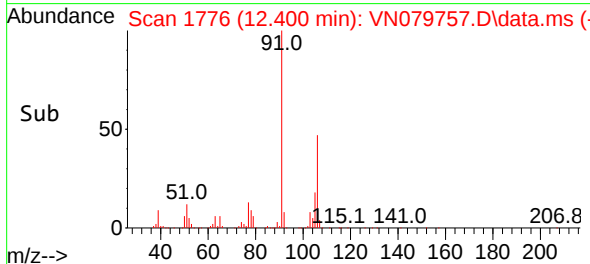
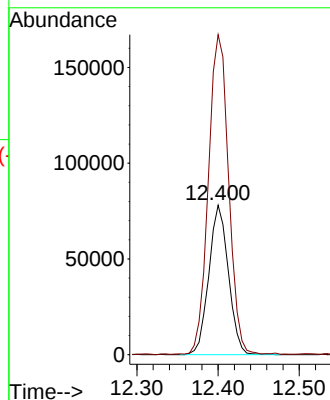
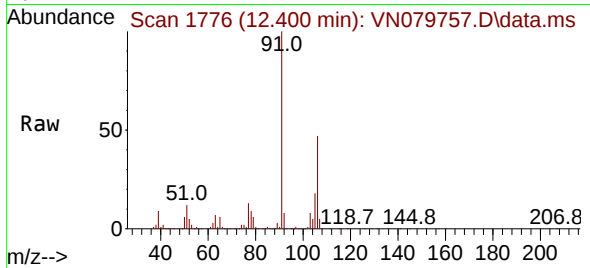
#69
o-Xylene
Concen: 16.687 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

Instrument :
MSVOA_N
ClientSampleId :
1081ME

Tgt Ion:106 Resp: 13075
Ion Ratio Lower Upper
106 100
91 220.8 105.2 315.5

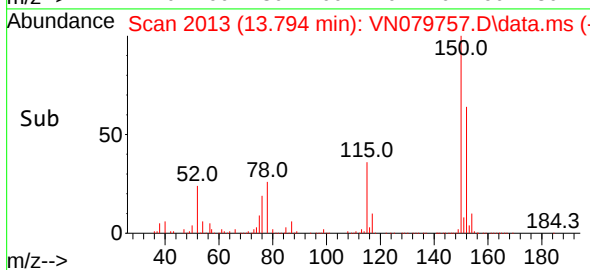
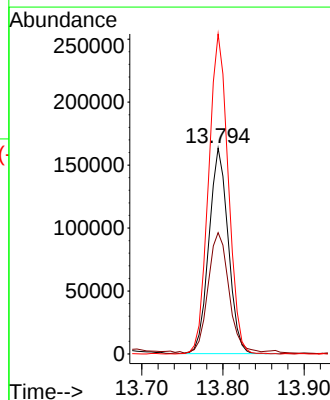
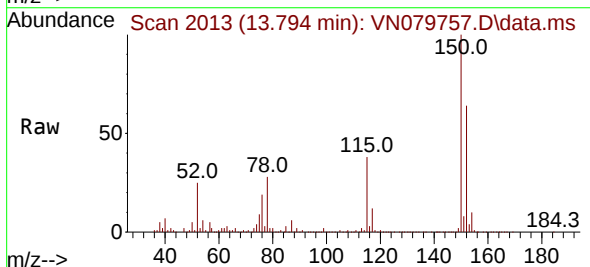
Manual Integrations
APPROVED

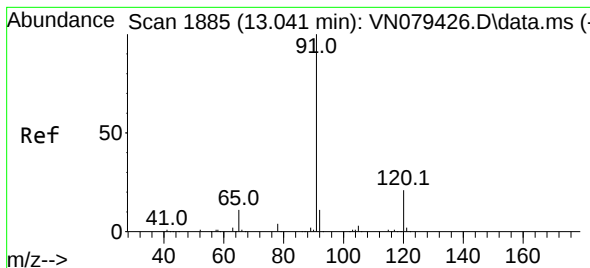
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079757.D
Acq: 31 Oct 2023 20:31

Tgt Ion:152 Resp: 268832
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 159.0 0.0 355.8





#78

n-propylbenzene

Concen: 1.086 ug/l

RT: 13.035 min Scan# 1885

Delta R.T. -0.006 min

Lab File: VN079757.D

Acq: 31 Oct 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

1081ME

Tgt Ion: 91 Resp: 30462

Ion Ratio Lower Upper

91 100

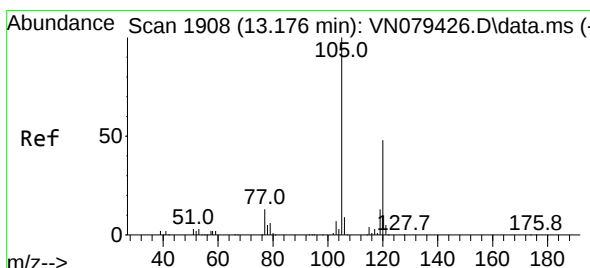
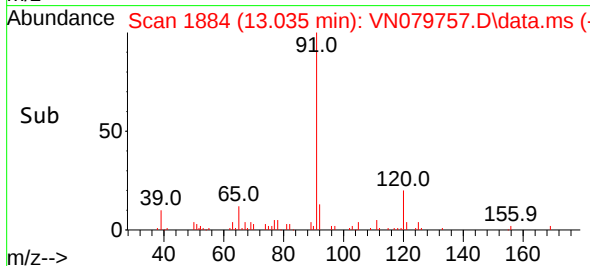
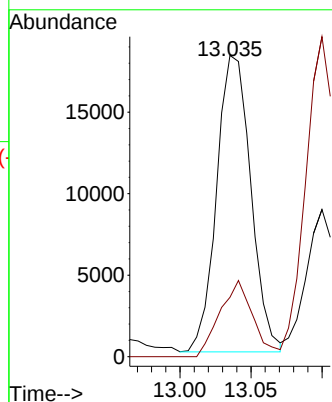
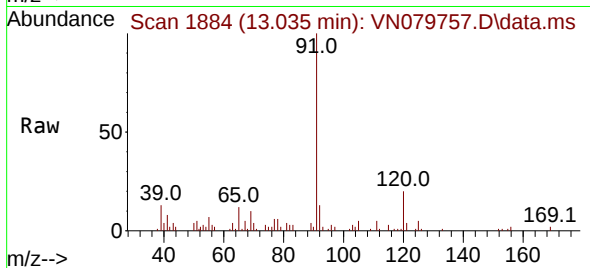
120 24.9 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#80

1,3,5-Trimethylbenzene

Concen: 6.724 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079757.D

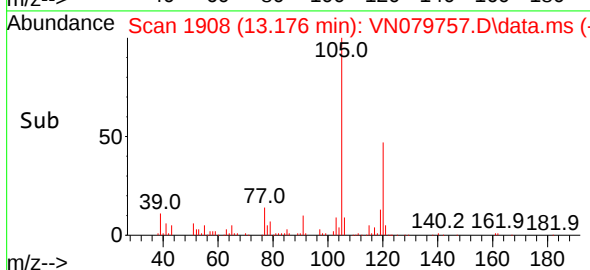
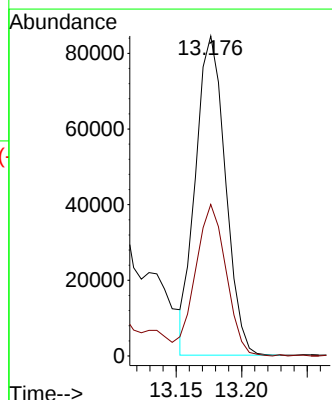
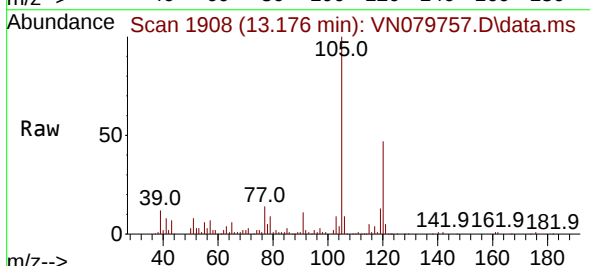
Acq: 31 Oct 2023 20:31

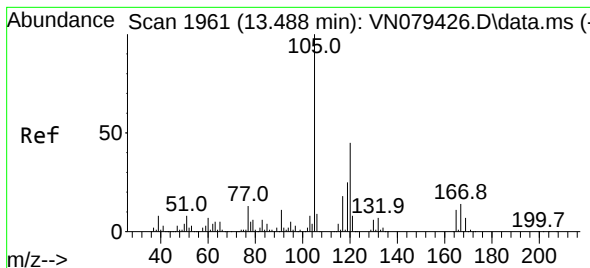
Tgt Ion:105 Resp: 133465

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 15.071 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079757.D

Acq: 31 Oct 2023 20:31

Instrument :

MSVOA_N

ClientSampleId :

1081ME

Tgt Ion:105 Resp: 288590

Ion Ratio Lower Upper

105 100

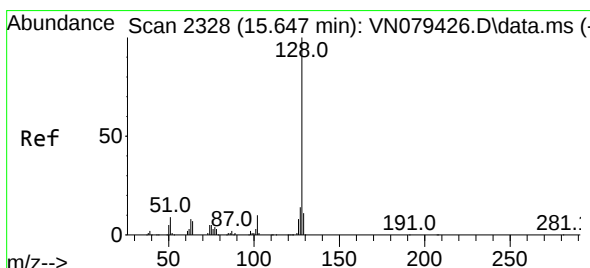
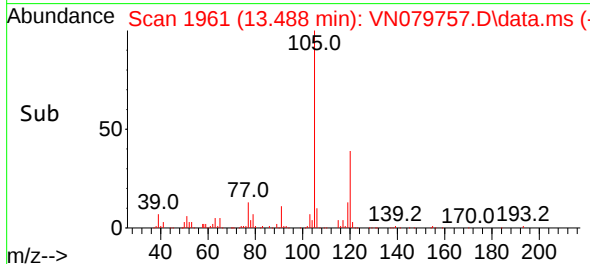
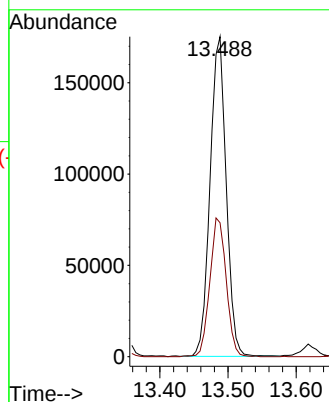
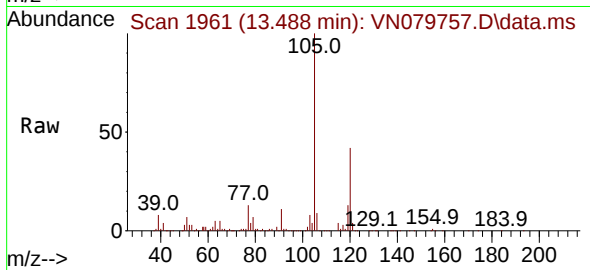
120 44.0 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#95

Naphthalene

Concen: 410.684 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079757.D

Acq: 31 Oct 2023 20:31

Tgt Ion:128 Resp: 3348580

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.0 8.7 13.1

