

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079156.D
 Acq On : 02 Sep 2023 20:23
 Operator : JC\MD
 Sample : 04285-02 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 831

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

Quant Time: Sep 04 01:10:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	155064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	106406	44.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.200%		
35) Dibromofluoromethane	8.177	113	95601	47.635	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.280%		
50) Toluene-d8	10.571	98	605799	81.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	162.580%#		
62) 4-Bromofluorobenzene	12.853	95	221457	90.920	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	181.840%#		
Target Compounds					Qvalue	
8) Diethyl Ether	3.965	74	9096	7.477	ug/l #	57
11) Tert butyl alcohol	5.518	59	11639m	28.746	ug/l	
16) Acetone	4.442	43	16368	16.440	ug/l	91
25) 2-Butanone	7.494	43	8449	5.293	ug/l #	86
40) Benzene	8.612	78	28369	3.179	ug/l	97
52) Toluene	10.635	92	58023	10.591	ug/l	95
67) Ethyl Benzene	11.965	91	43797	2.346	ug/l	91
68) m/p-Xylenes	12.071	106	106862	15.308	ug/l	98
69) o-Xylene	12.406	106	52990	7.803	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	21754	1.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	58012	4.764	ug/l	99
95) Naphthalene	15.641	128	3787	2.993	ug/l	98

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

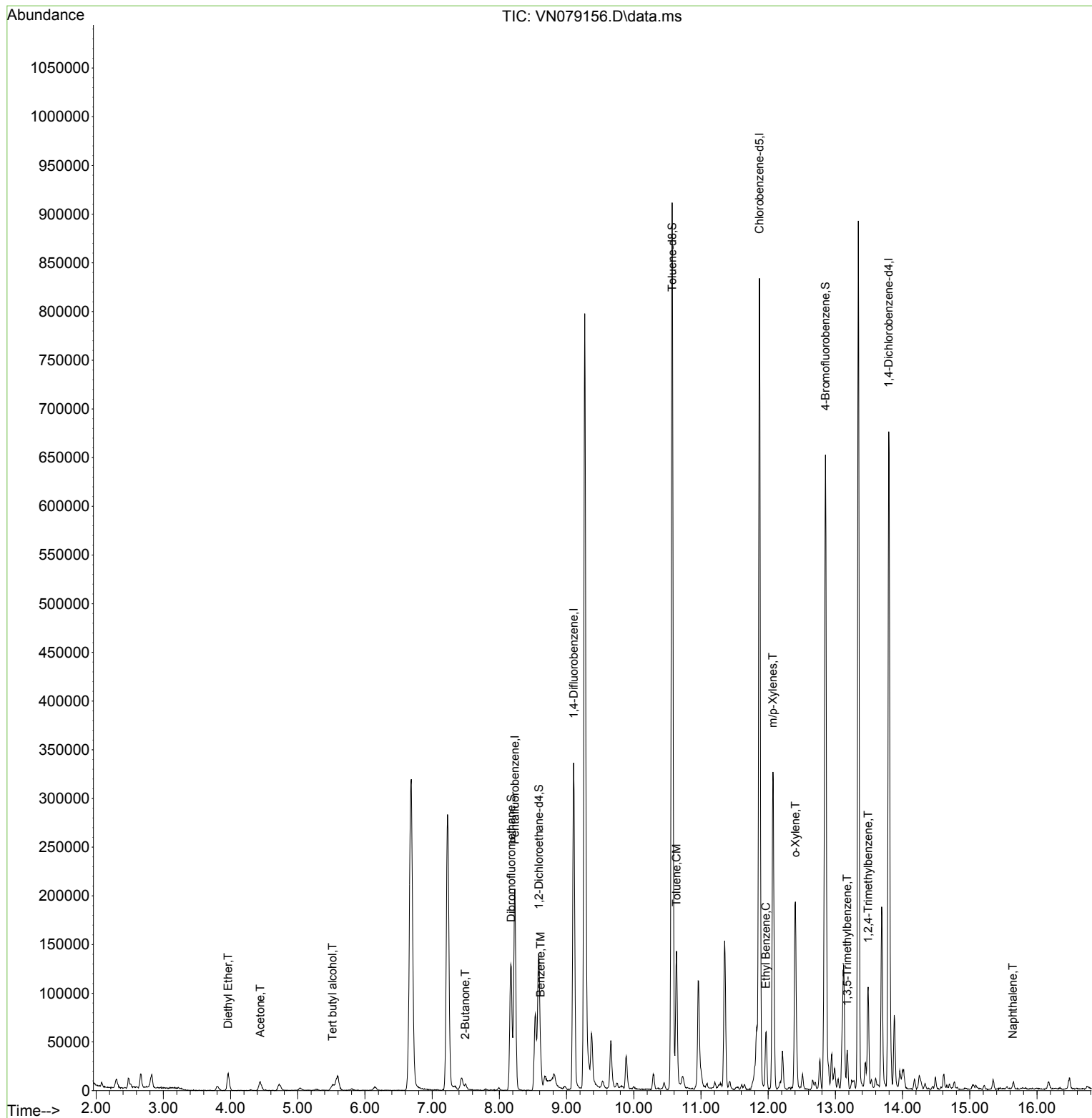
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
Data File : VN079156.D
Acq On : 02 Sep 2023 20:23
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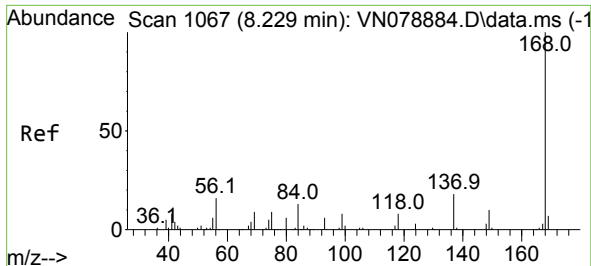
Instrument :
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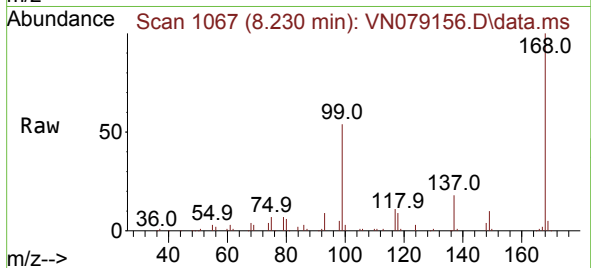
Quant Time: Sep 04 01:10:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

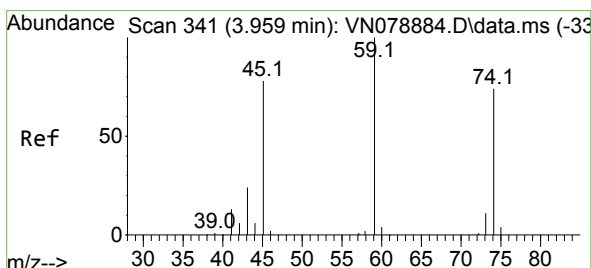
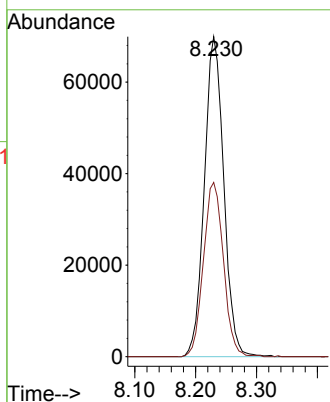
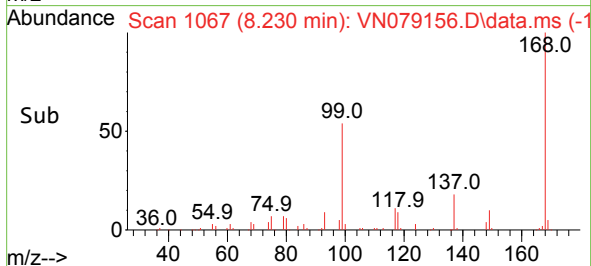
Instrument :
MSVOA_N
ClientSampleId :
831



Tgt Ion:168 Resp: 155064
Ion Ratio Lower Upper
168 100
99 54.4 53.0 79.6

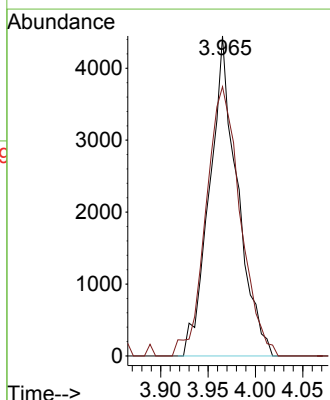
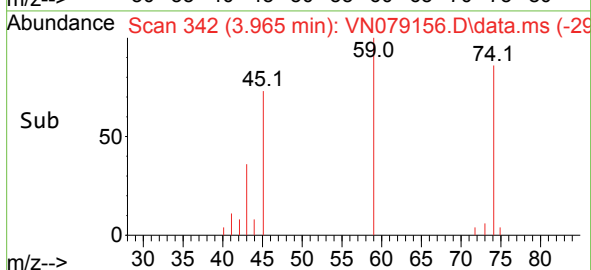
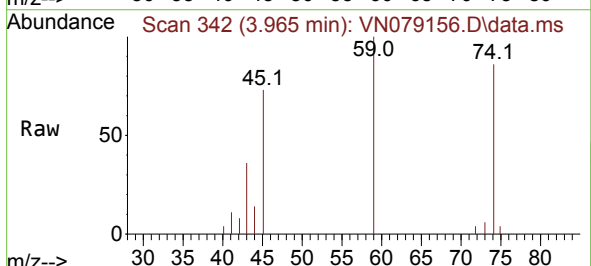
Manual Integrations
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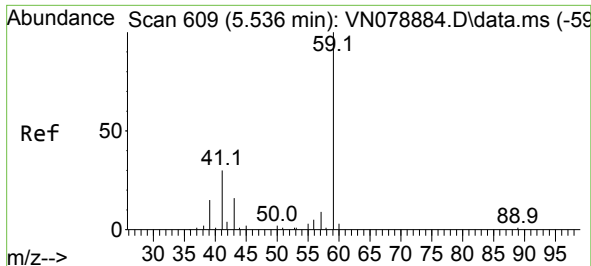
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#8
Diethyl Ether
Concen: 7.477 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

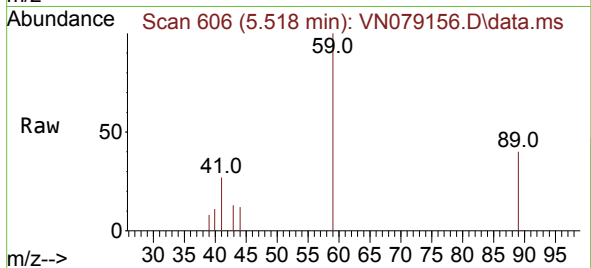
Tgt Ion: 74 Resp: 9096
Ion Ratio Lower Upper
74 100
45 103.6 34.4 103.3#





#11
Tert butyl alcohol
Concen: 28.746 ug/l m
RT: 5.518 min Scan# 609
Delta R.T. -0.024 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

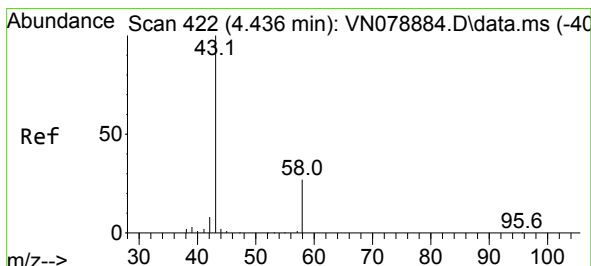
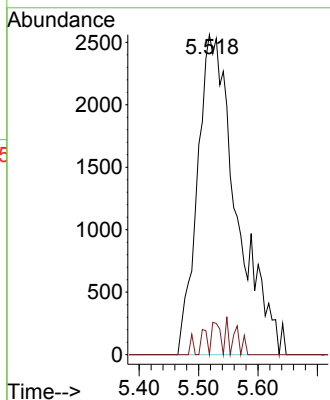
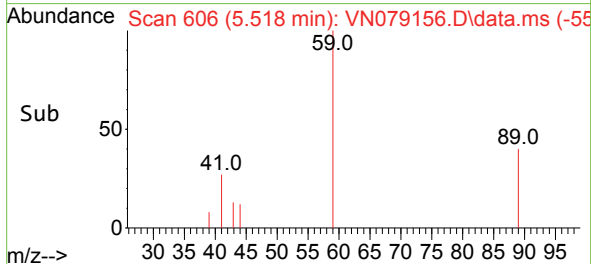
Instrument :
MSVOA_N
ClientSampleId :
831



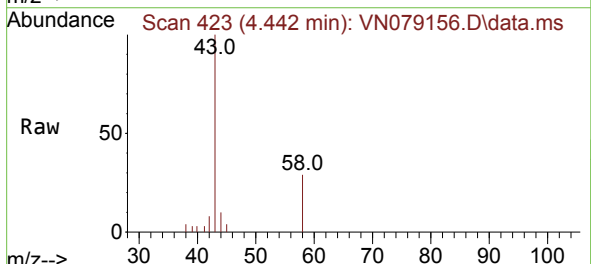
Tgt Ion: 59 Resp: 11639
Ion Ratio Lower Upper
59 100
57 2.2 8.2 12.4

Manual Integrations
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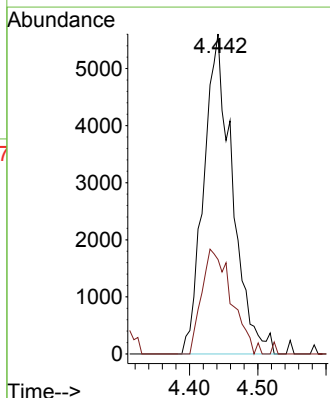
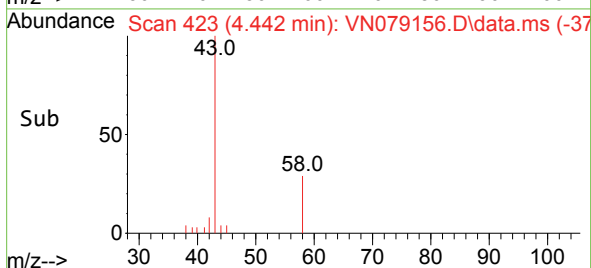
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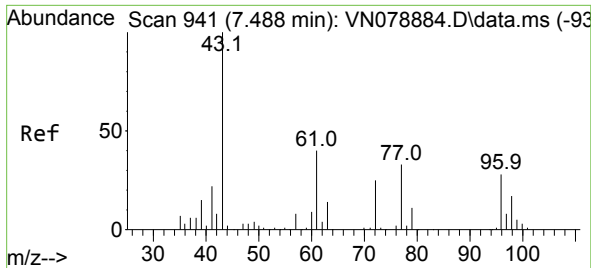


#16
Acetone
Concen: 16.440 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23



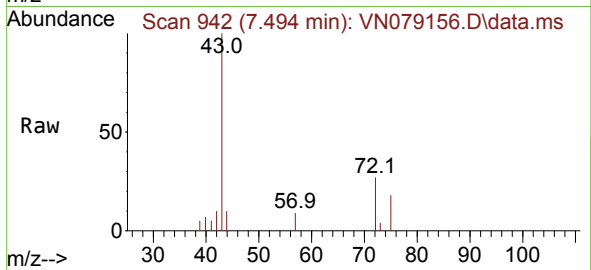
Tgt Ion: 43 Resp: 16368
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0





#25
2-Butanone
Concen: 5.293 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

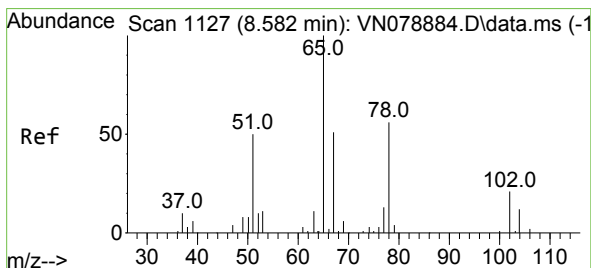
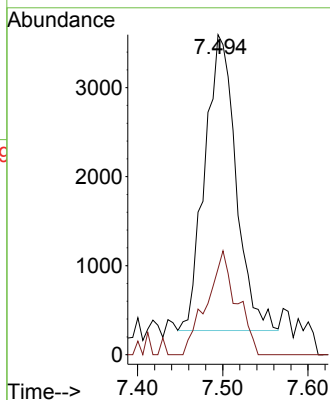
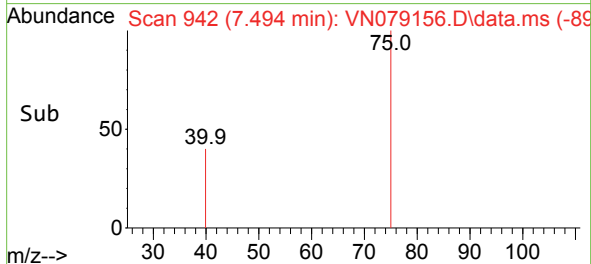
Instrument :
MSVOA_N
ClientSampleId :
831



Tgt Ion: 43 Resp: 8449
Ion Ratio Lower Upper
43 100
72 29.0 30.2 45.2

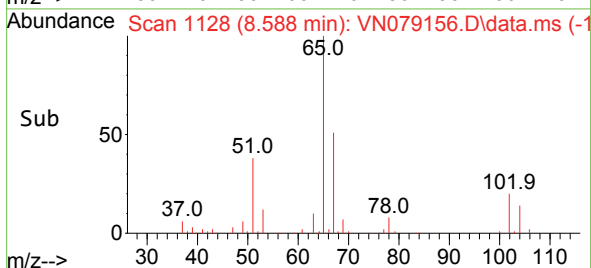
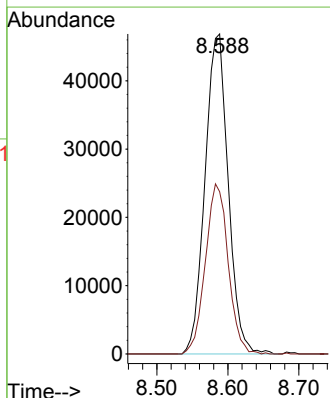
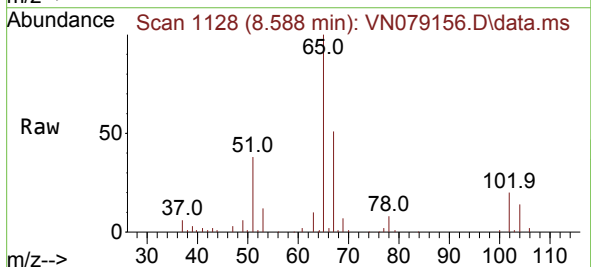
Manual Integrations
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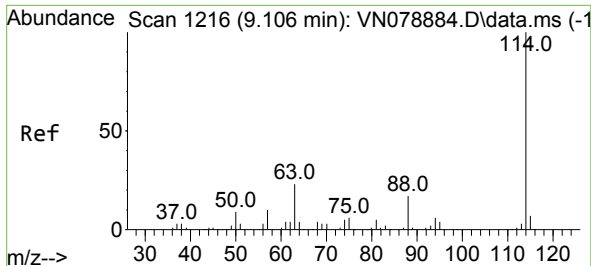
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#33
1,2-Dichloroethane-d4
Concen: 44.098 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

Tgt Ion: 65 Resp: 106406
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. -0.006 min

Lab File: VN079156.D

Acq: 02 Sep 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

831

Tgt Ion:114 Resp: 29814

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

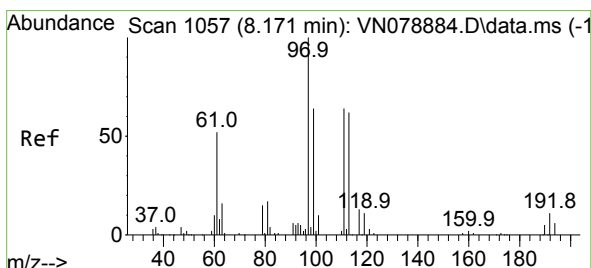
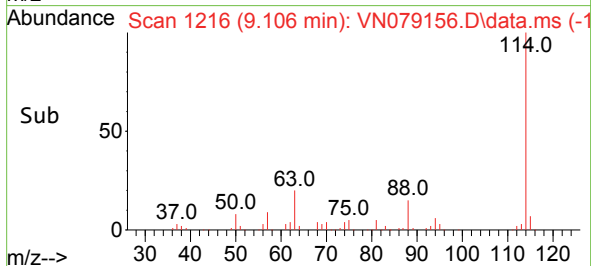
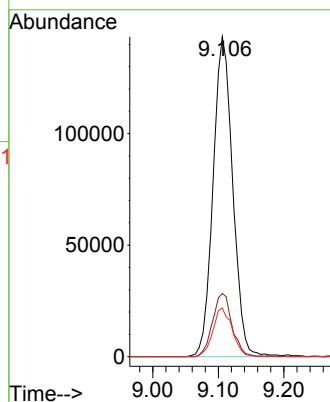
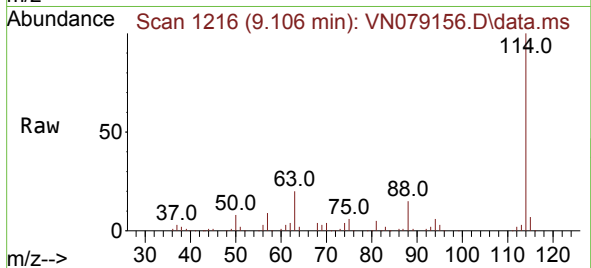
88 15.2 0.0 30.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 09/05/2023



#35

Dibromofluoromethane

Concen: 47.635 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079156.D

Acq: 02 Sep 2023 20:23

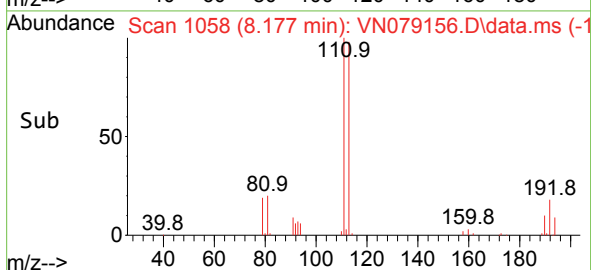
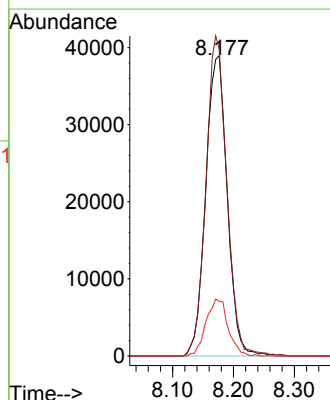
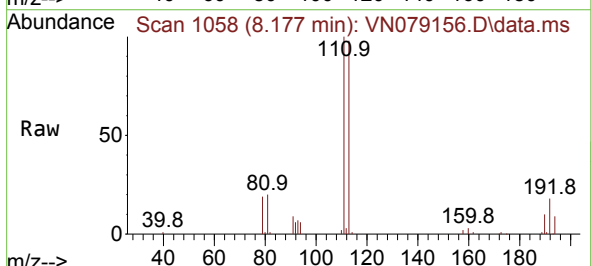
Tgt Ion:113 Resp: 95601

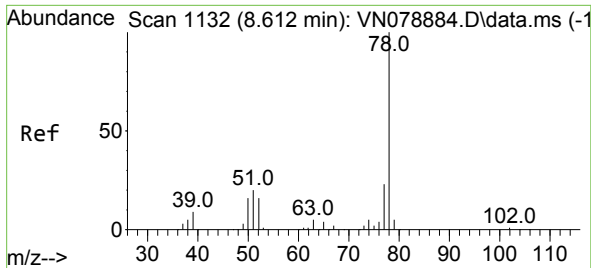
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

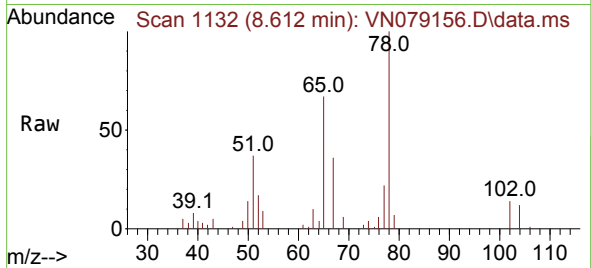
192 19.4 12.7 19.1#





#40
Benzene
Concen: 3.179 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

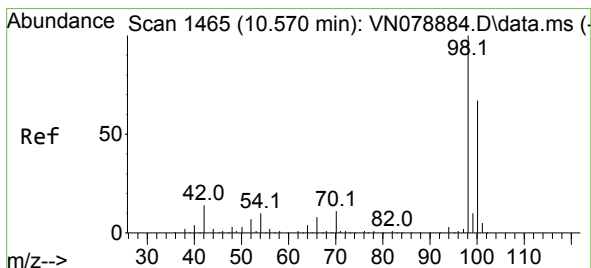
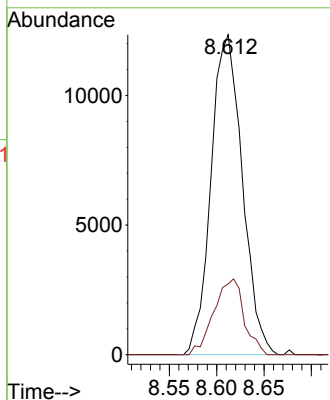
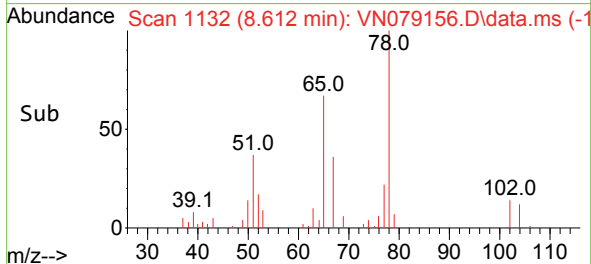
Instrument :
MSVOA_N
ClientSampleId :
831



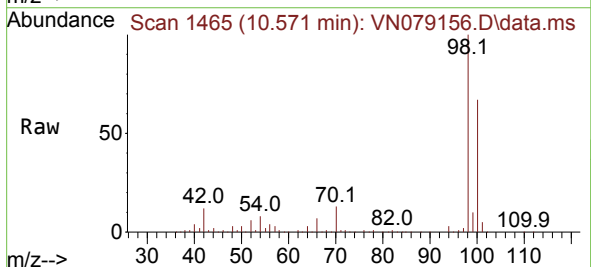
Tgt Ion: 78 Resp: 28369
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.6

Manual Integrations
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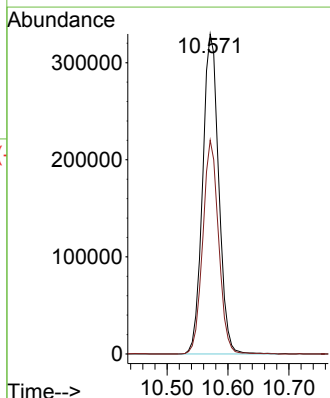
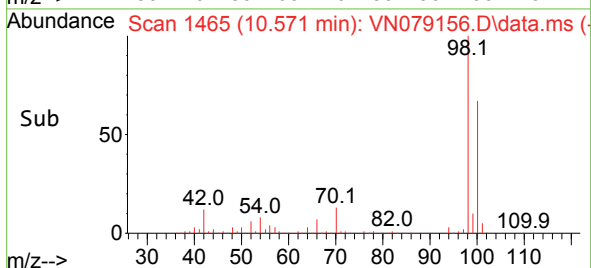
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023

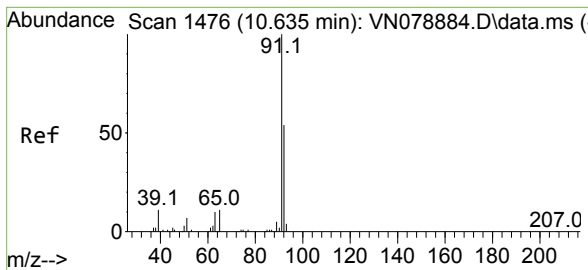


#50
Toluene-d8
Concen: 81.294 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23



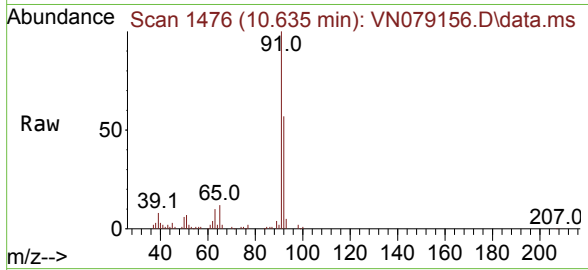
Tgt Ion: 98 Resp: 605799
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#52
Toluene
Concen: 10.591 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

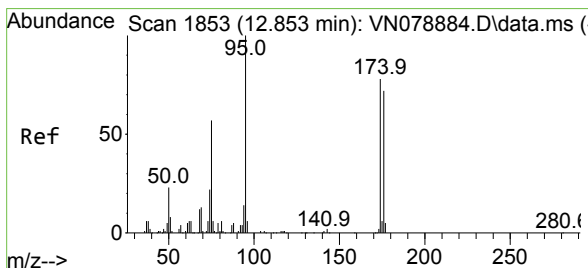
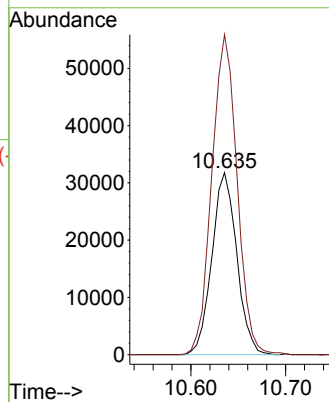
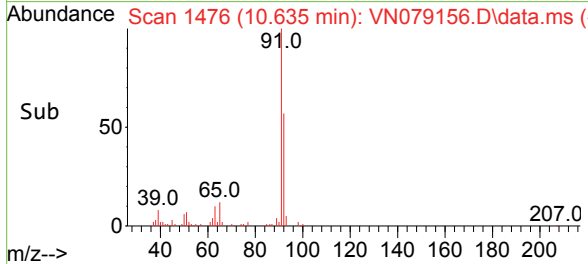
Instrument :
MSVOA_N
ClientSampleId :
831



Tgt Ion: 92 Resp: 5802
Ion Ratio Lower Upper
92 100
91 178.7 137.4 206.0

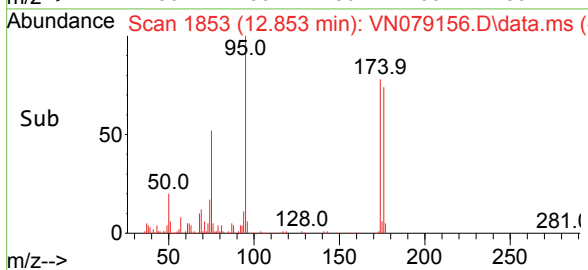
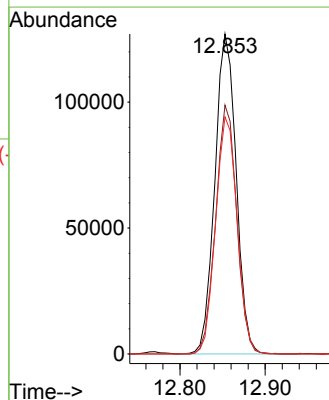
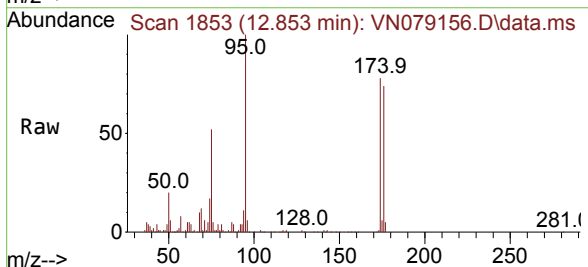
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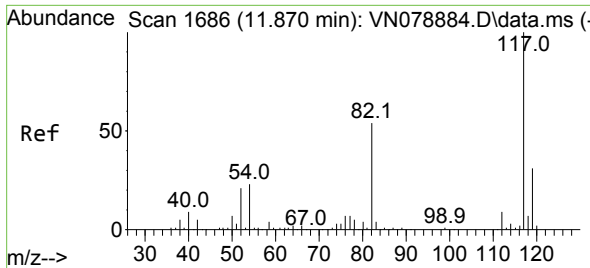
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#62
4-Bromofluorobenzene
Concen: 90.920 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

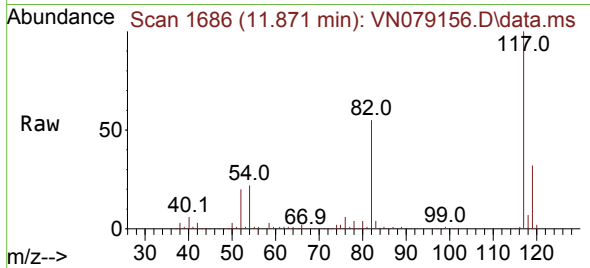
Tgt Ion: 95 Resp: 221457
Ion Ratio Lower Upper
95 100
174 76.6 0.0 143.8
176 74.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

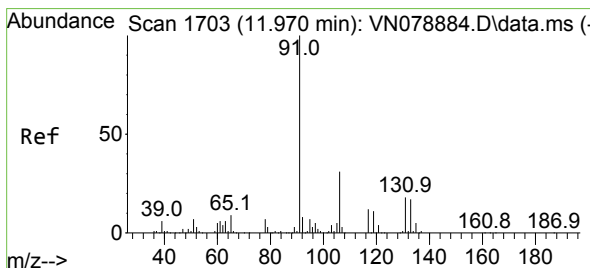
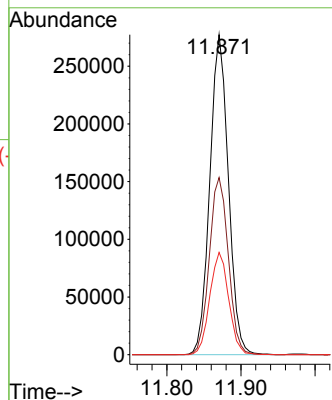
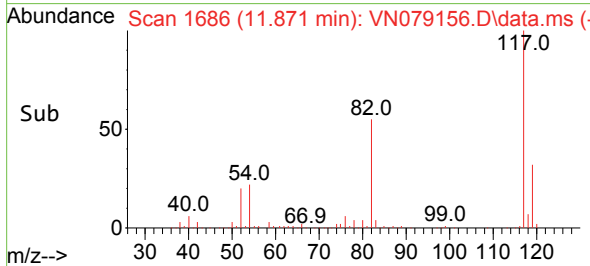
Instrument :
MSVOA_N
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831



Tgt Ion:117 Resp: 48235
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.0 25.6 38.4

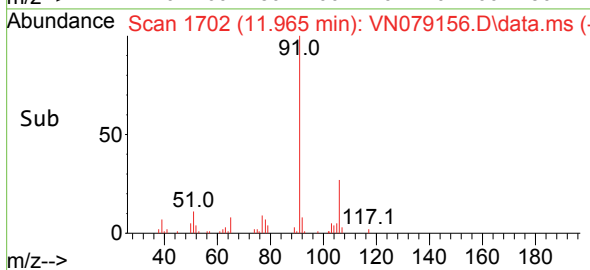
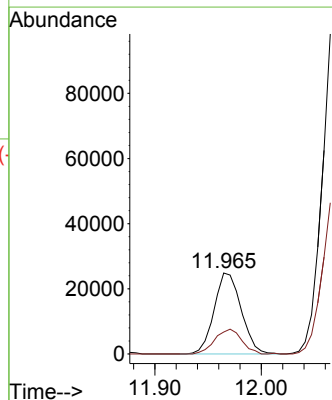
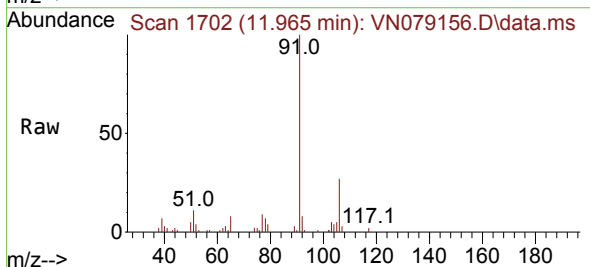
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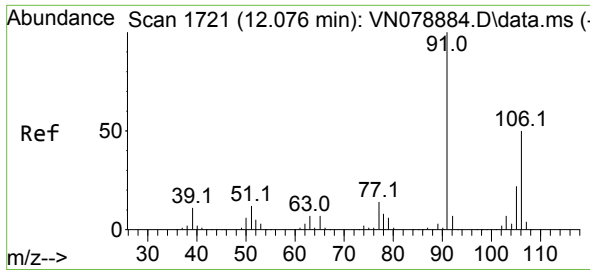
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#67
Ethyl Benzene
Concen: 2.346 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

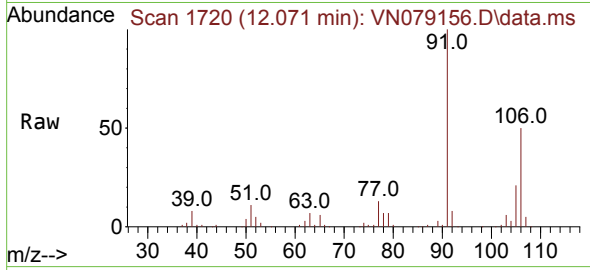
Tgt Ion: 91 Resp: 43797
Ion Ratio Lower Upper
91 100
106 27.1 25.6 38.4





#68
m/p-Xylenes
Concen: 15.308 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

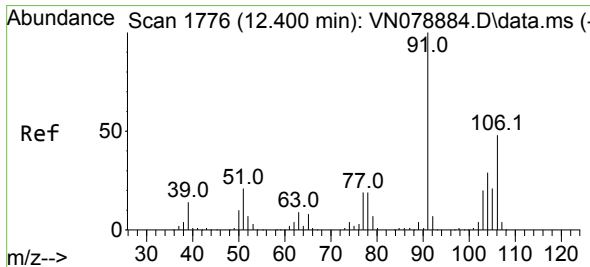
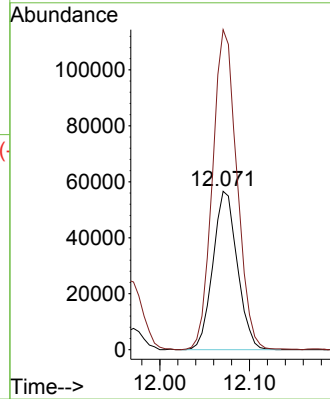
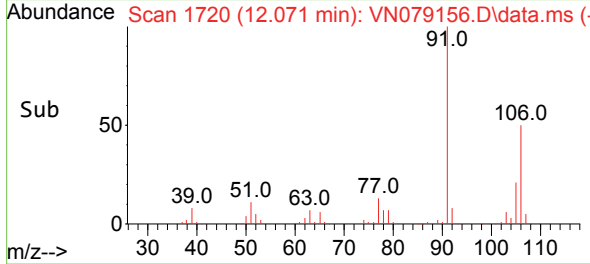
Instrument :
MSVOA_N
ClientSampleId :
831



Tgt Ion:106 Resp: 106862
Ion Ratio Lower Upper
106 100
91 202.8 159.6 239.4

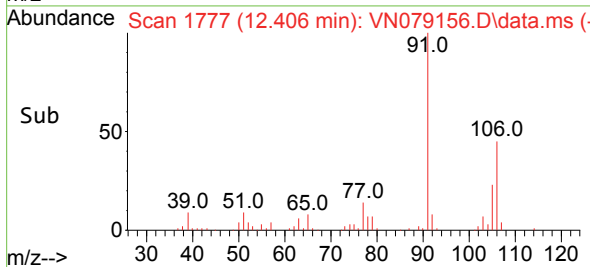
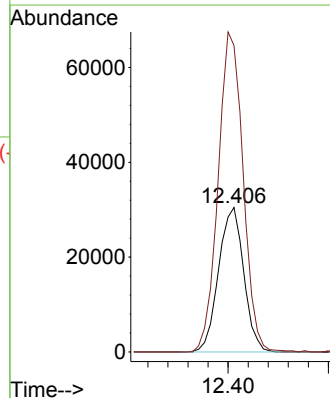
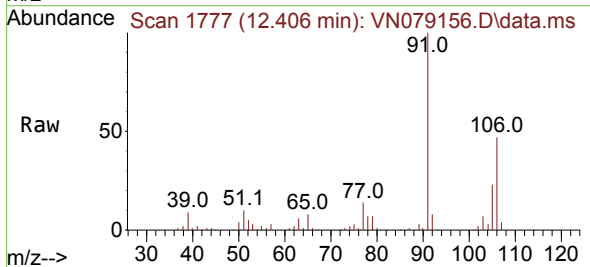
Manual Integrations
APPROVED

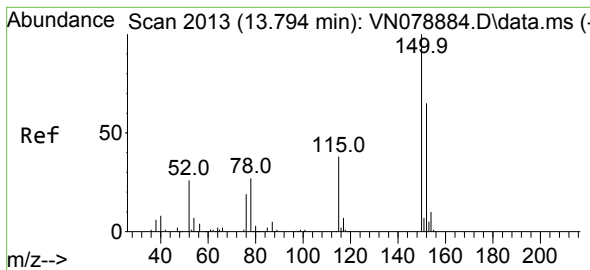
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#69
o-Xylene
Concen: 7.803 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079156.D
Acq: 02 Sep 2023 20:23

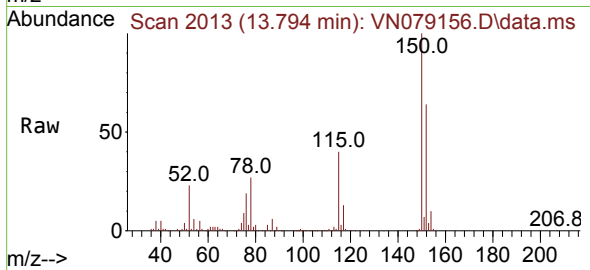
Tgt Ion:106 Resp: 52990
Ion Ratio Lower Upper
106 100
91 219.9 105.2 315.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079156.D
 Acq: 02 Sep 2023 20:23

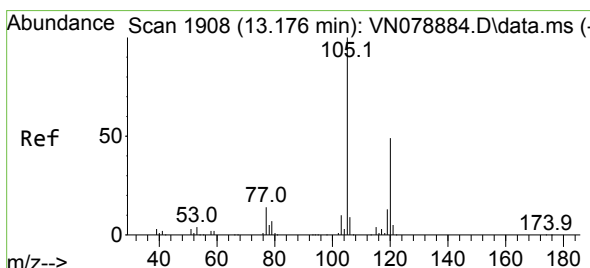
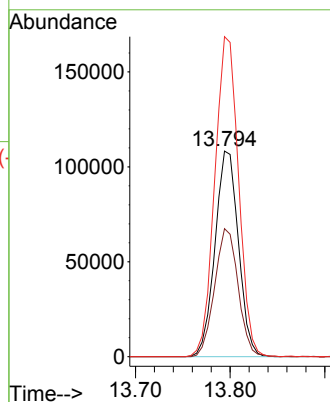
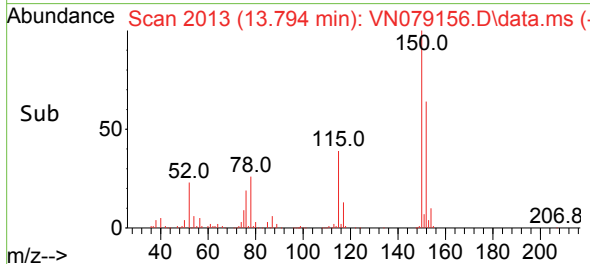
Instrument :
 MSVOA_N
 ClientSampleId :
 831



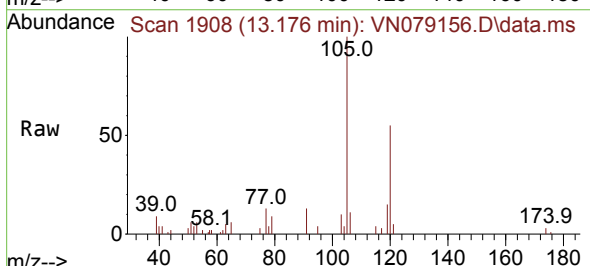
Tgt Ion:152 Resp: 186110
 Ion Ratio Lower Upper
 152 100
 115 62.5 32.3 96.8
 150 157.6 0.0 355.8

Manual Integrations
 APPROVED

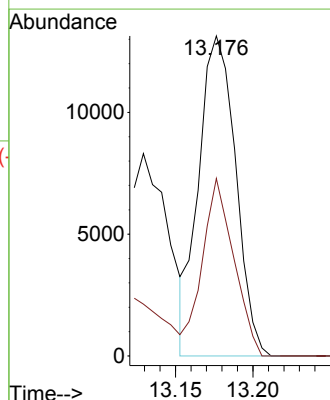
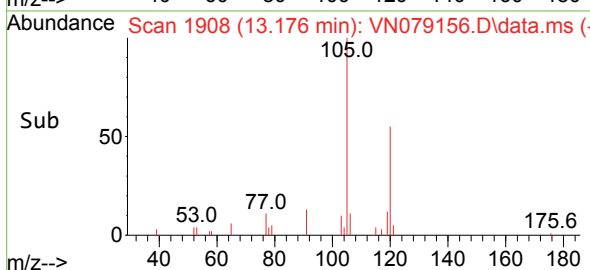
Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

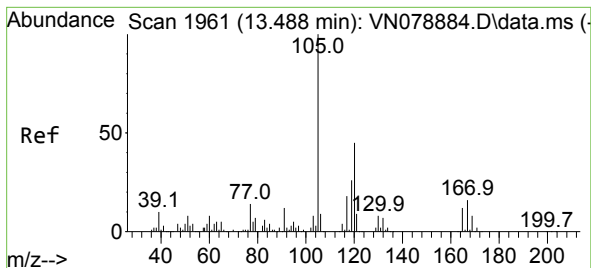


#80
 1,3,5-Trimethylbenzene
 Concen: 1.769 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079156.D
 Acq: 02 Sep 2023 20:23



Tgt Ion:105 Resp: 21754
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 4.764 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079156.D

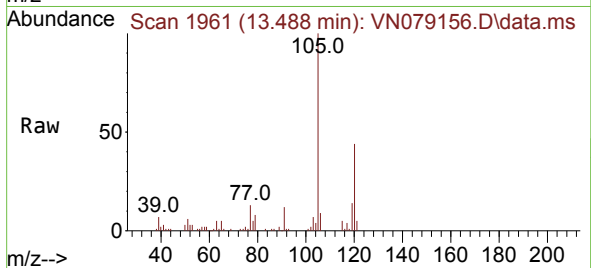
Acq: 02 Sep 2023 20:23

Instrument :

MSVOA_N

ClientSampleId :

831



Tgt Ion:105 Resp: 5801

Ion Ratio Lower Upper

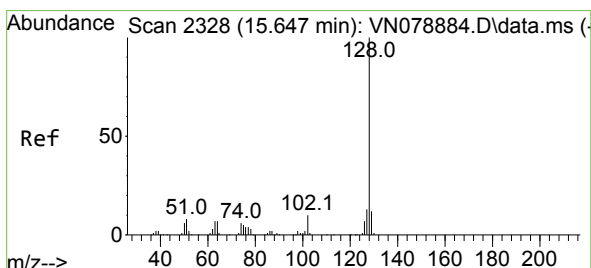
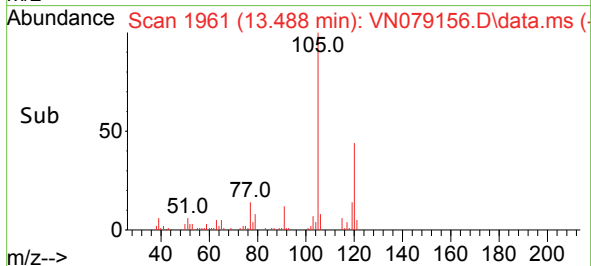
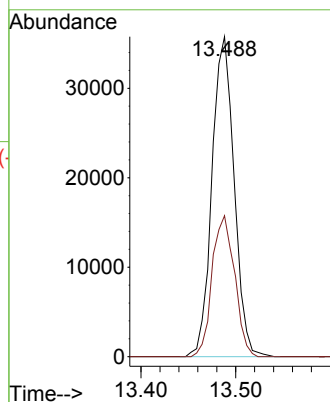
105 100

120 44.7 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#95

Naphthalene

Concen: 2.993 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079156.D

Acq: 02 Sep 2023 20:23

Tgt Ion:128 Resp: 3787

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.4 8.7 13.1

