

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079748.D
 Acq On : 31 Oct 2023 16:55
 Operator : JC\MD
 Sample : 05107-01ME 20X
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1048ME

Quant Time: Nov 01 01:22:54 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	8.229	168	278779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	537615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	570220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	284689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	228881	51.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.260%			
35) Dibromofluoromethane	8.171	113	203548	52.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.980%			
50) Toluene-d8	10.571	98	661302	46.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.360%			
62) 4-Bromofluorobenzene	12.853	95	301325	66.817	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 133.640%#			
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	6509	3.398	ug/l #	77
31) Cyclohexane	8.229	56	14384m	2.355	ug/l	
39) Methylcyclohexane	9.606	83	15278	2.695	ug/l #	78
40) Benzene	8.612	78	221036	13.141	ug/l	96
52) Toluene	10.635	92	279016	27.172	ug/l	97
67) Ethyl Benzene	11.965	91	85133	3.829	ug/l	95
68) m/p-Xylenes	12.070	106	193025	23.471	ug/l	93
69) o-Xylene	12.400	106	113664	14.373	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	115596	5.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	250620	12.359	ug/l	98
95) Naphthalene	15.647	128	3006911	348.240	ug/l	99

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

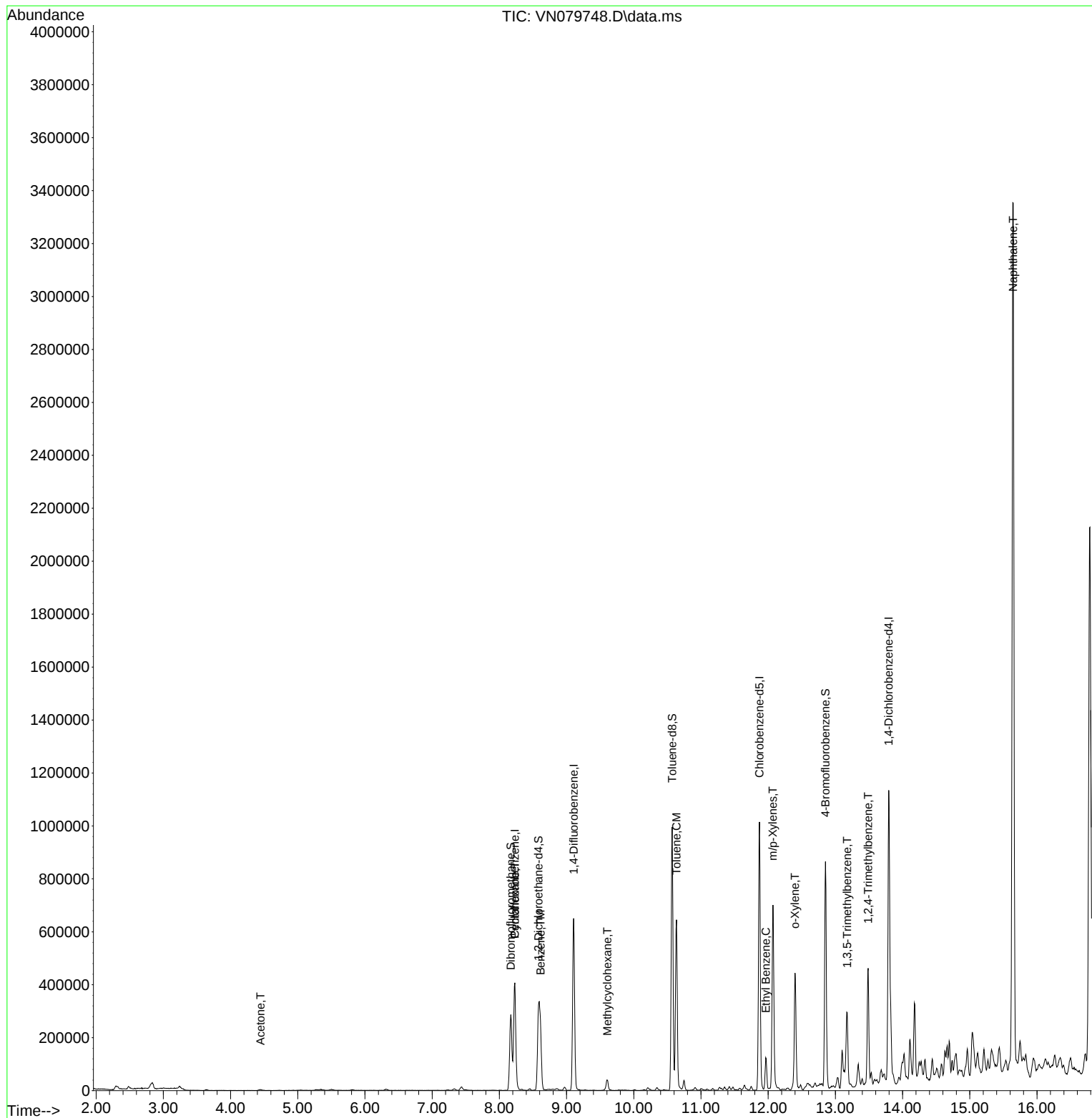
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
Data File : VN079748.D
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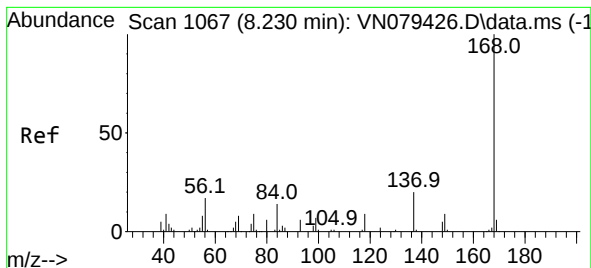
Instrument :
MSVOA_N
ClientSampleId :
1048ME

Quant Time: Nov 01 01:22:54 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

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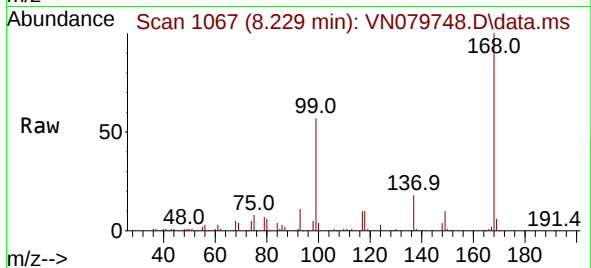
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

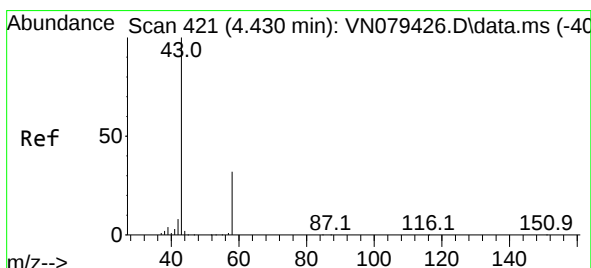
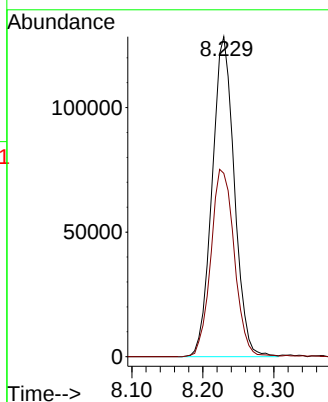
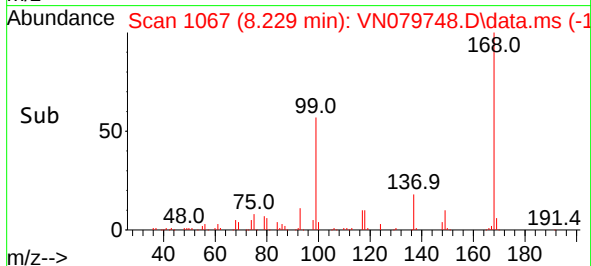
Instrument :
MSVOA_N
ClientSampleId :
1048ME



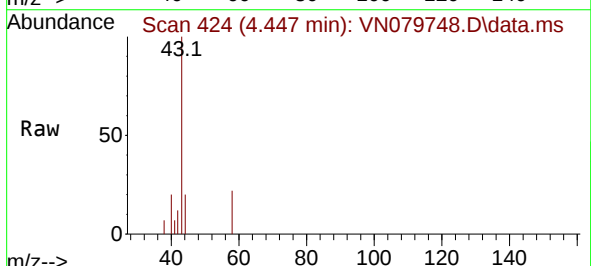
Tgt Ion:168 Resp: 278779
Ion Ratio Lower Upper
168 100
99 57.3 53.0 79.6

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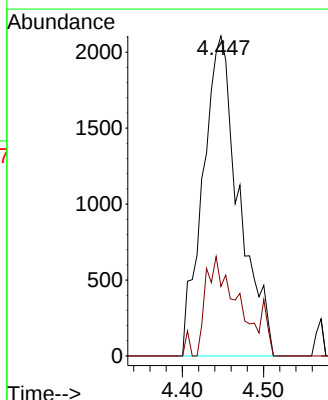
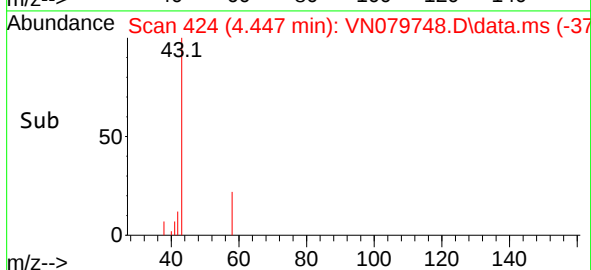
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

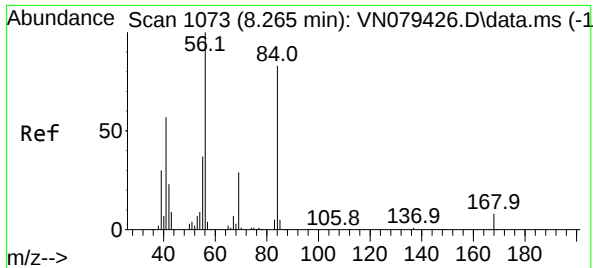


#16
Acetone
Concen: 3.398 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55



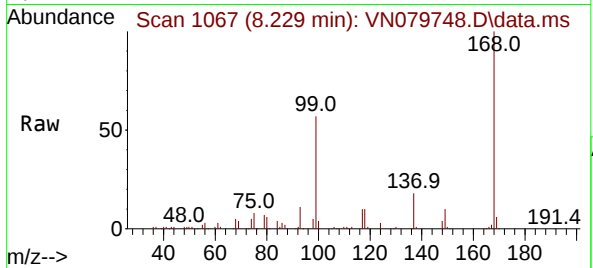
Tgt Ion: 43 Resp: 6509
Ion Ratio Lower Upper
43 100
58 21.7 28.0 42.0#





#31
Cyclohexane
Concen: 2.355 ug/l m
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

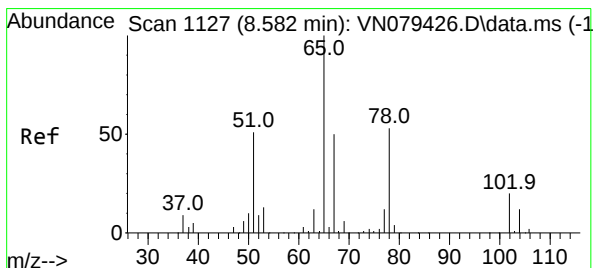
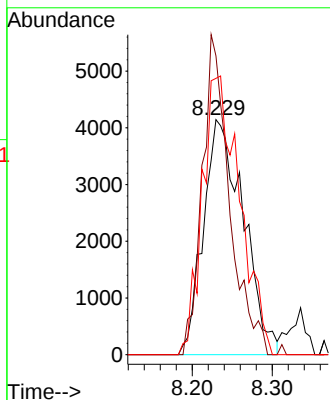
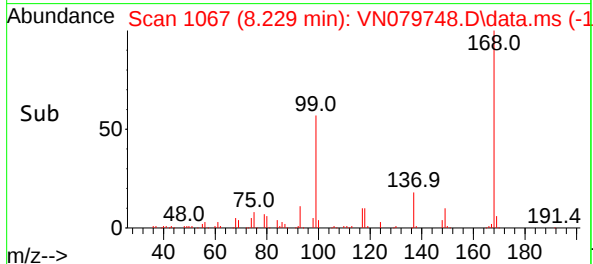
Instrument :
MSVOA_N
ClientSampleId :
1048ME



Tgt Ion: 56 Resp: 14384
Ion Ratio Lower Upper
56 100
69 127.0 26.8 40.2
84 117.5 81.8 122.6

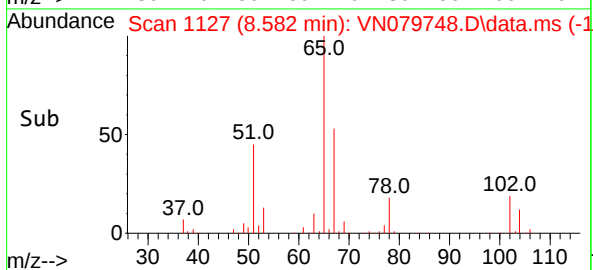
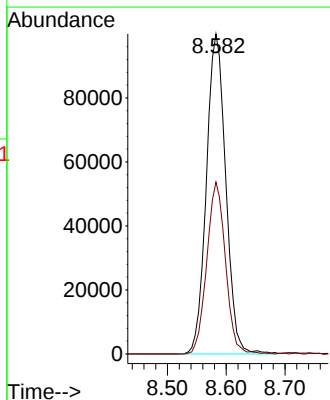
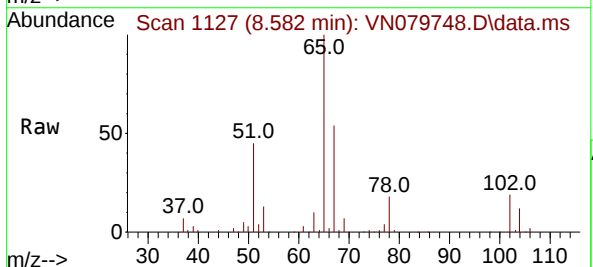
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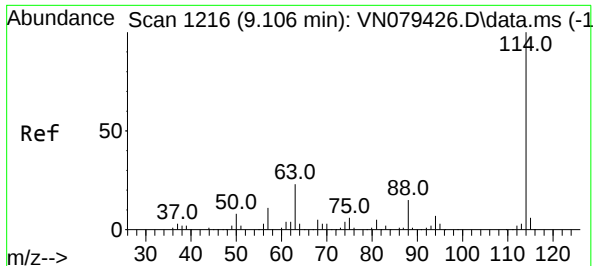
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#33
1,2-Dichloroethane-d4
Concen: 51.125 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

Tgt Ion: 65 Resp: 228881
Ion Ratio Lower Upper
65 100
67 51.8 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: VN079748.D

Acq: 31 Oct 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

1048ME

Tgt Ion:114 Resp: 53761

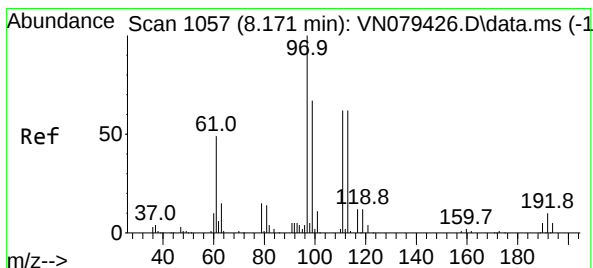
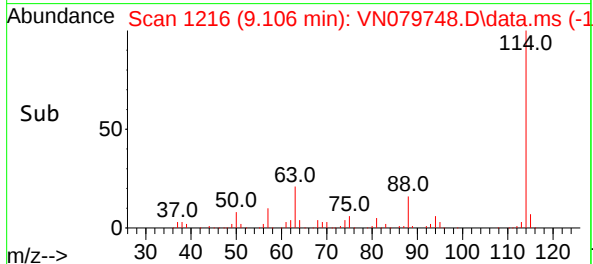
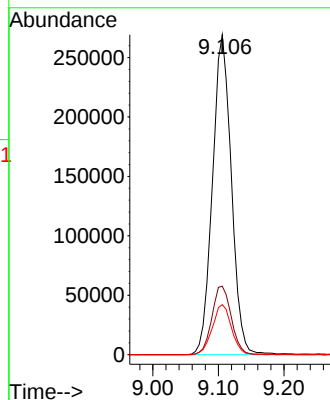
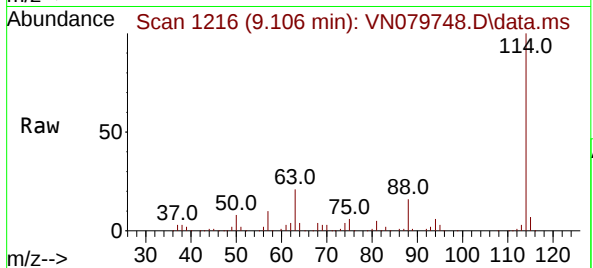
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	36.4
88	15.6	0.0	30.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 52.986 ug/l

RT: 8.171 min Scan# 1057

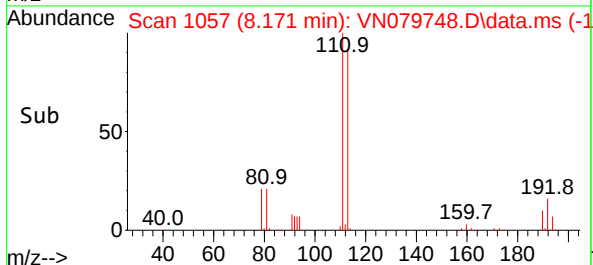
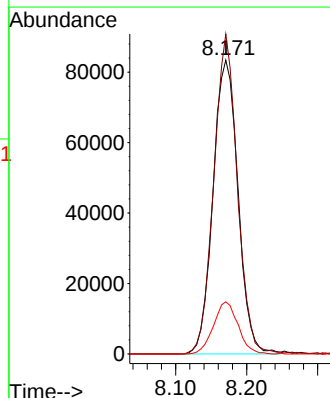
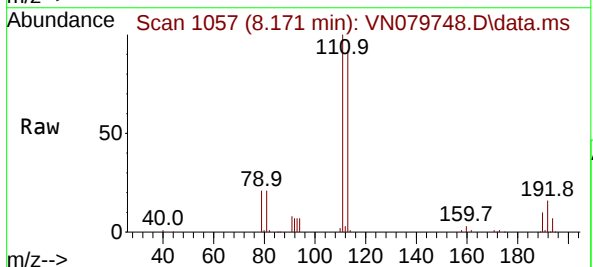
Delta R.T. -0.000 min

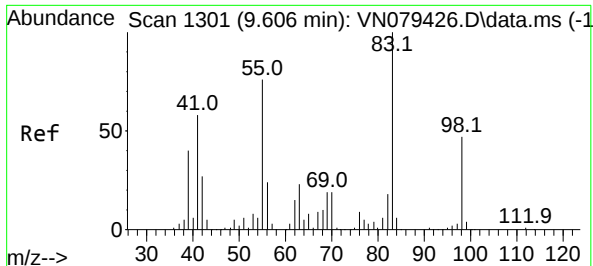
Lab File: VN079748.D

Acq: 31 Oct 2023 16:55

Tgt Ion:113 Resp: 203548

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	17.4	12.7	19.1





#39

Methylcyclohexane

Concen: 2.695 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079748.D

Acq: 31 Oct 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

1048ME

Tgt Ion: 83 Resp: 15278

Ion Ratio Lower Upper

83 100

55 81.9 49.1 73.7

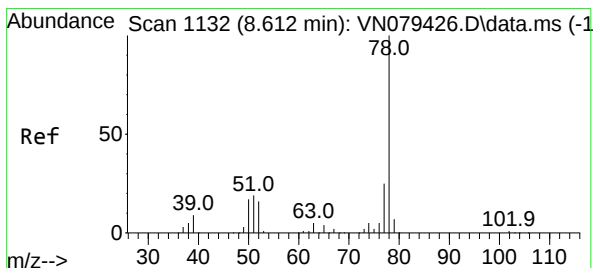
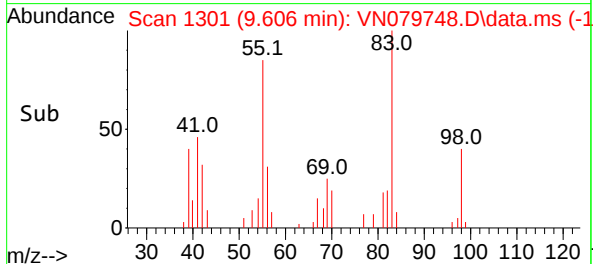
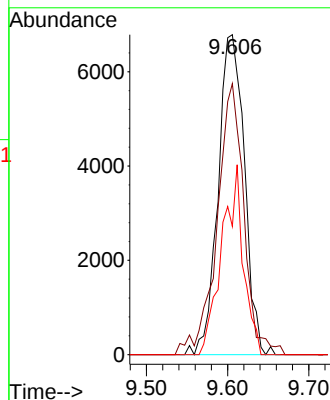
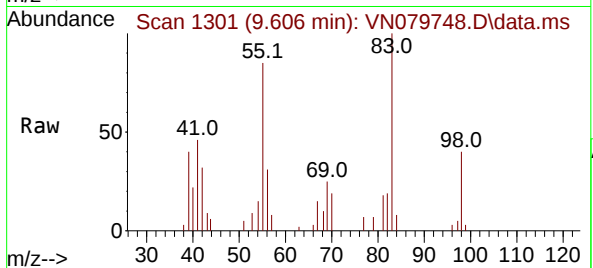
98 40.1 40.6 61.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 11/02/2023



#40

Benzene

Concen: 13.141 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079748.D

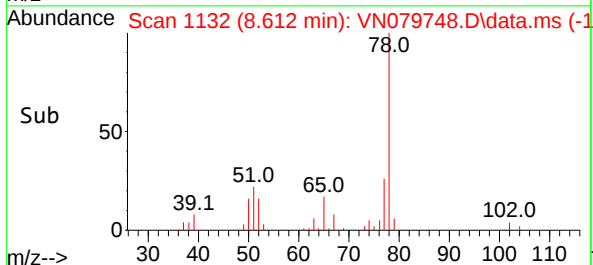
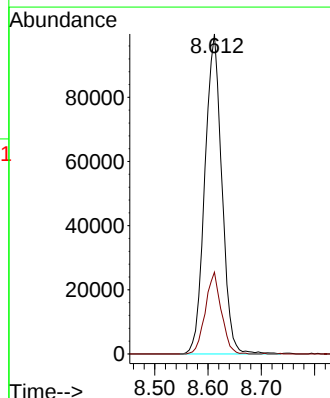
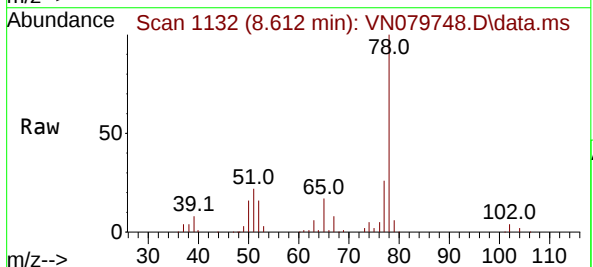
Acq: 31 Oct 2023 16:55

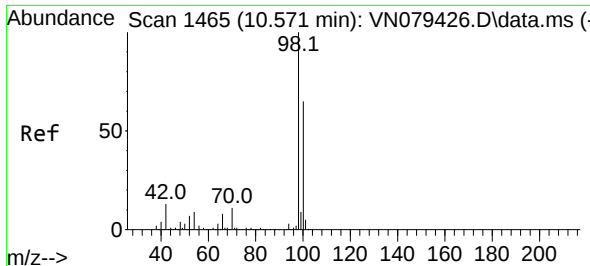
Tgt Ion: 78 Resp: 221036

Ion Ratio Lower Upper

78 100

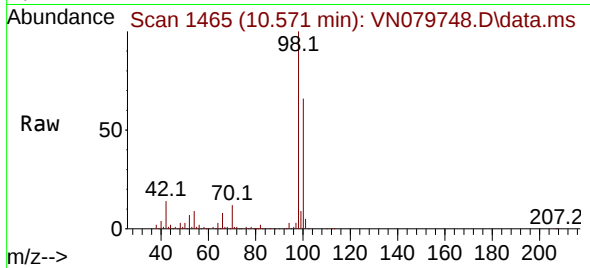
77 25.6 19.0 28.6





#50
Toluene-d8
Concen: 46.178 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

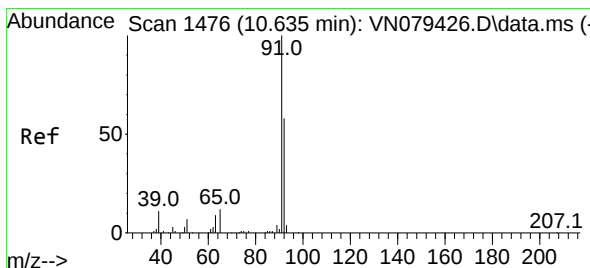
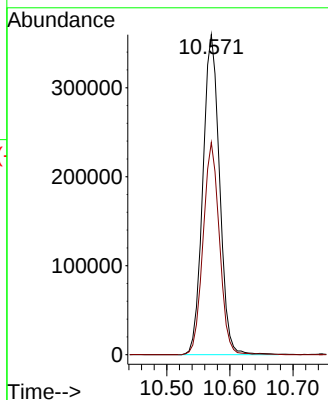
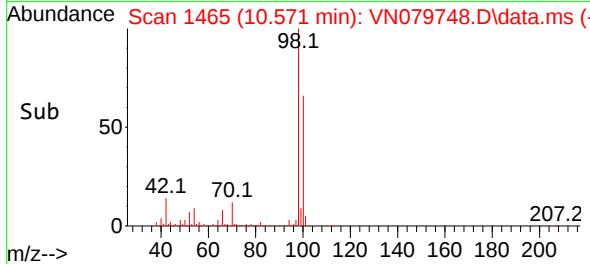
Instrument :
MSVOA_N
ClientSampleId :
1048ME



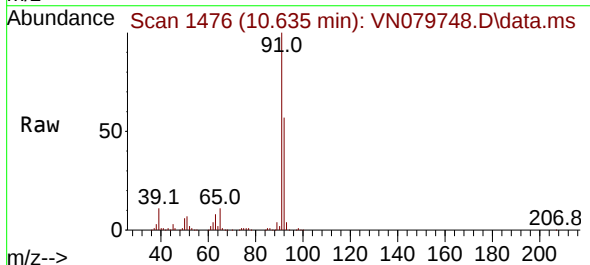
Tgt Ion: 98 Resp: 661302
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

Manual Integrations
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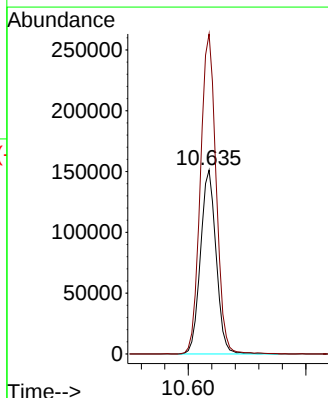
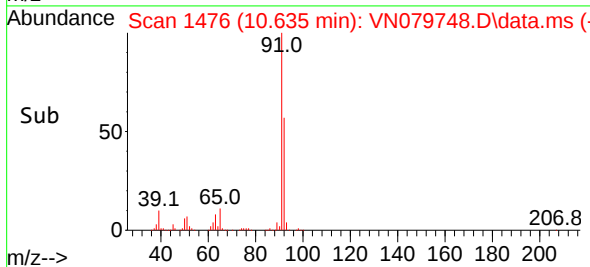
Reviewed By :John Carlone 11/01/2023
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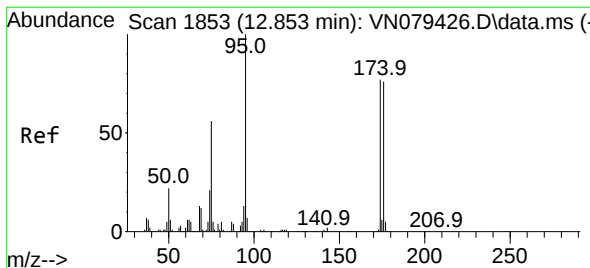


#52
Toluene
Concen: 27.172 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55



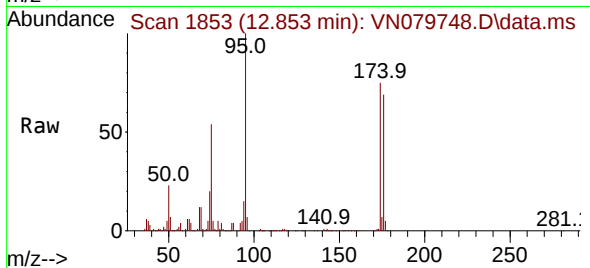
Tgt Ion: 92 Resp: 279016
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 66.817 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

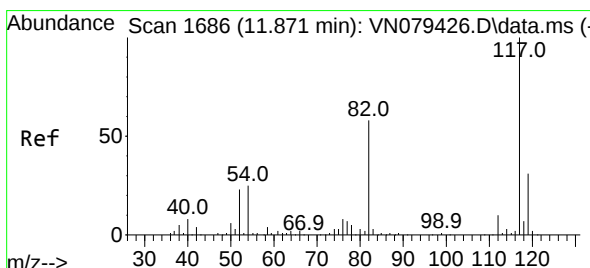
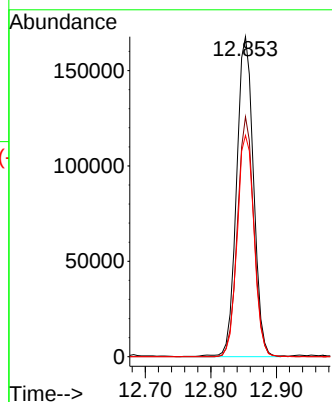
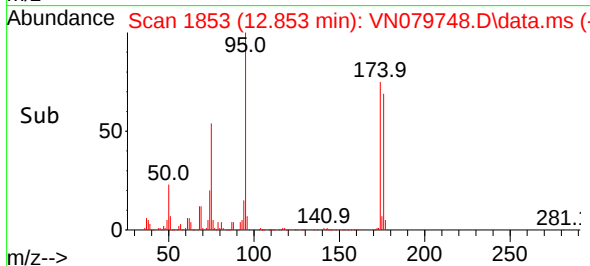
Instrument :
MSVOA_N
ClientSampleId :
1048ME



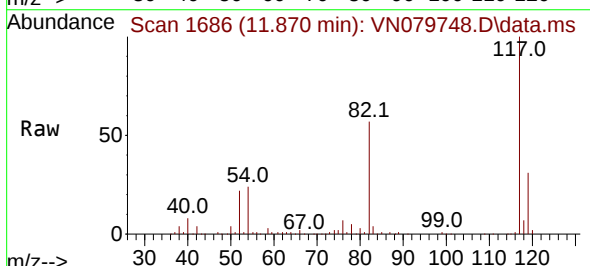
Tgt Ion: 95 Resp: 301329
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.1 0.0 135.8

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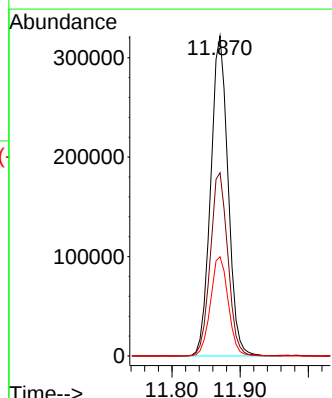
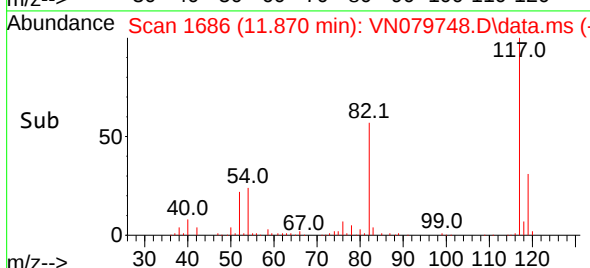
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023

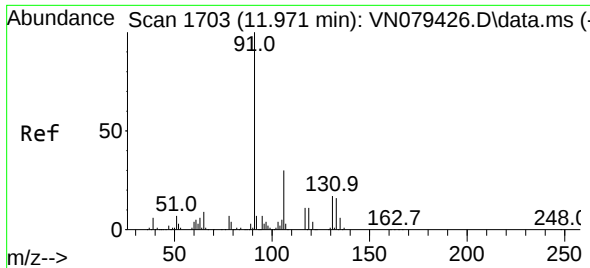


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55



Tgt Ion:117 Resp: 570220
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 31.0 25.6 38.4





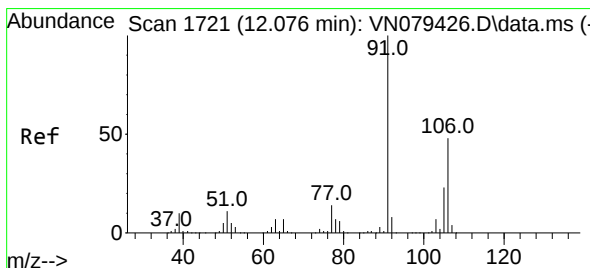
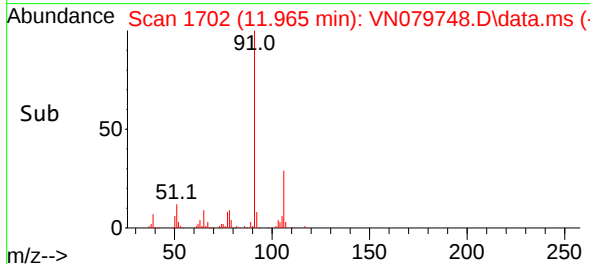
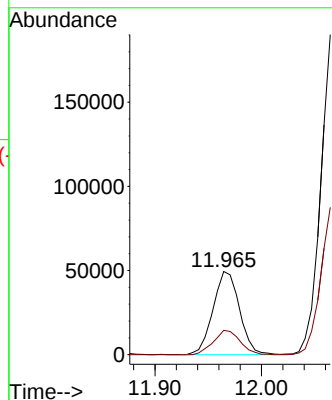
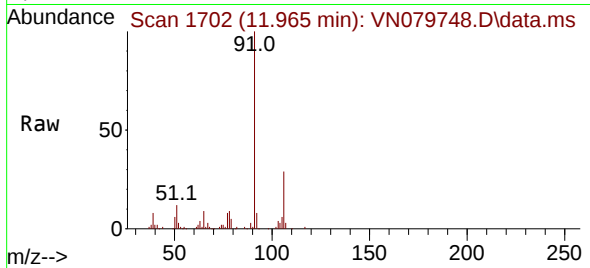
#67
Ethyl Benzene
Concen: 3.829 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
1048ME

Tgt Ion: 91 Resp: 8513
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

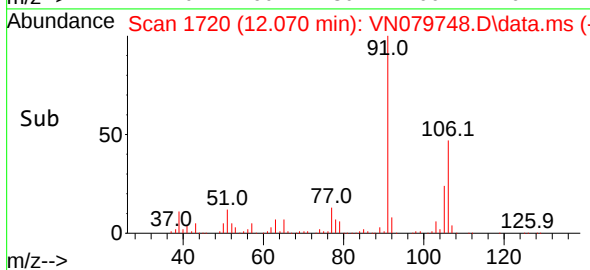
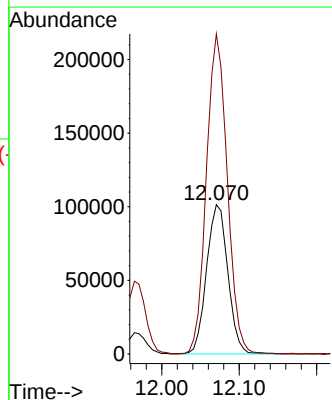
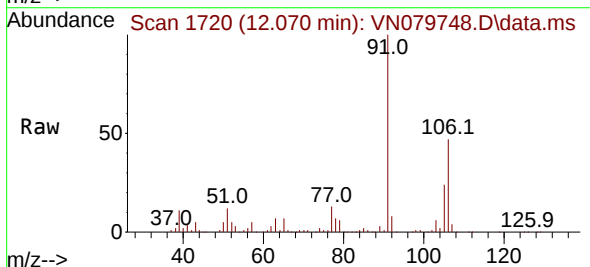
Manual Integrations
APPROVED

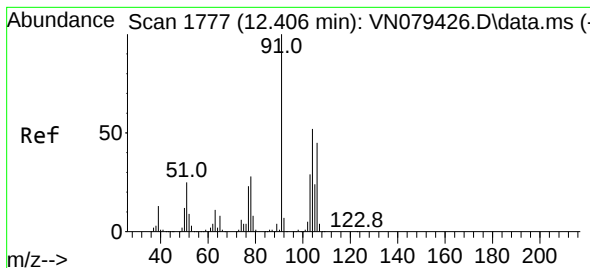
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#68
m/p-Xylenes
Concen: 23.471 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

Tgt Ion:106 Resp: 193025
Ion Ratio Lower Upper
106 100
91 210.1 159.6 239.4





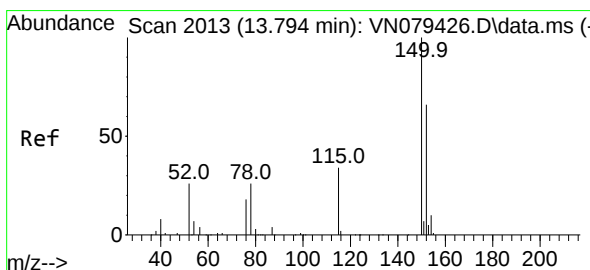
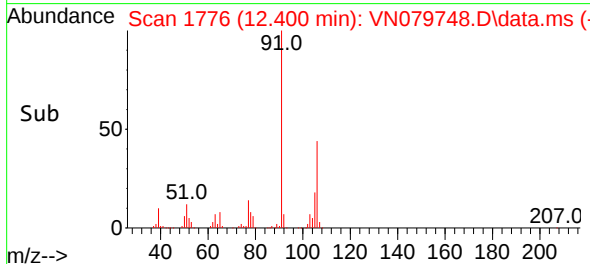
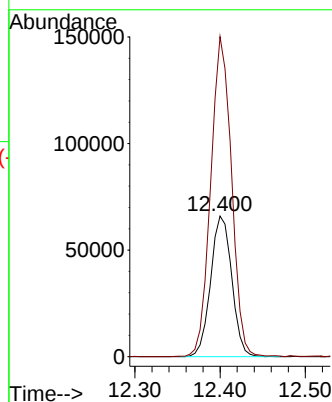
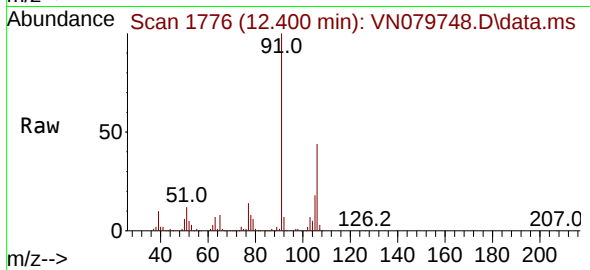
#69
o-Xylene
Concen: 14.373 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
1048ME

Tgt Ion:106 Resp: 113664
Ion Ratio Lower Upper
106 100
91 224.2 105.2 315.5

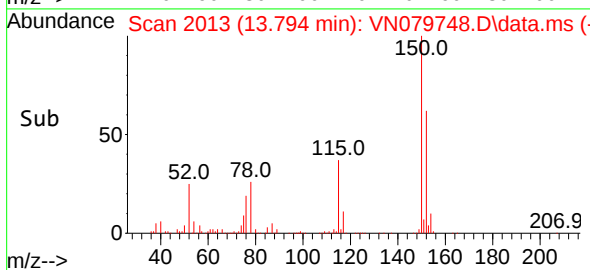
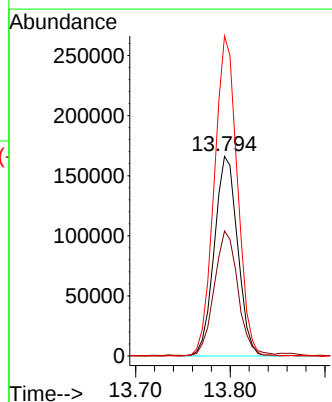
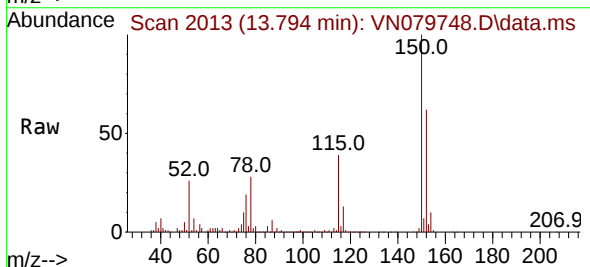
Manual Integrations
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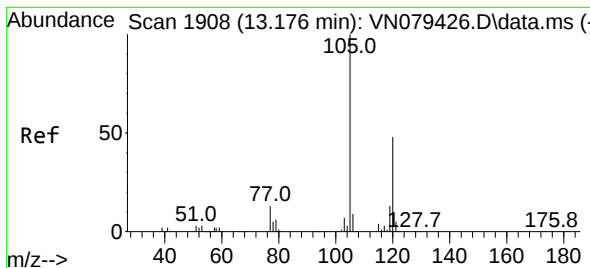
Reviewed By :John Carlone 11/01/2023
Supervised By :Semsettin Yesilyurt 11/02/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

Tgt Ion:152 Resp: 284689
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 158.3 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 5.499 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079748.D

Acq: 31 Oct 2023 16:55

Instrument :

MSVOA_N

ClientSampleId :

1048ME

Tgt Ion:105 Resp: 115590

Ion Ratio Lower Upper

105 100

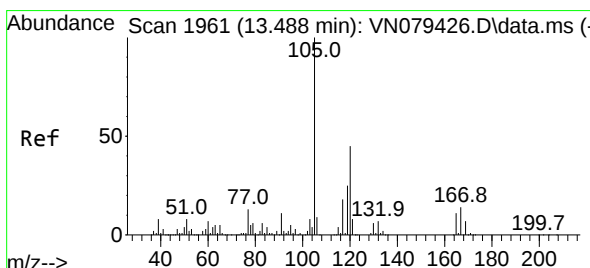
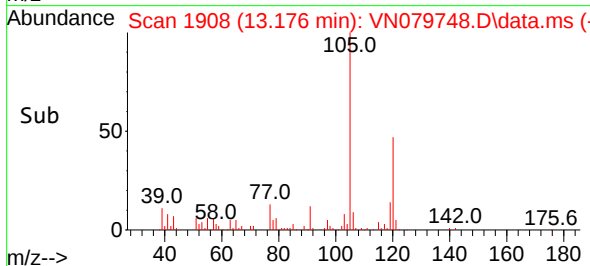
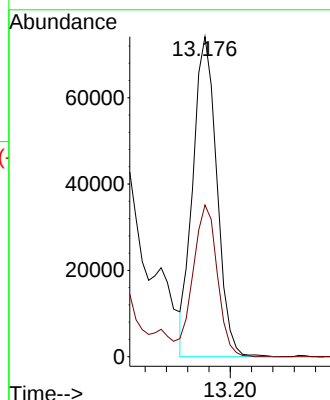
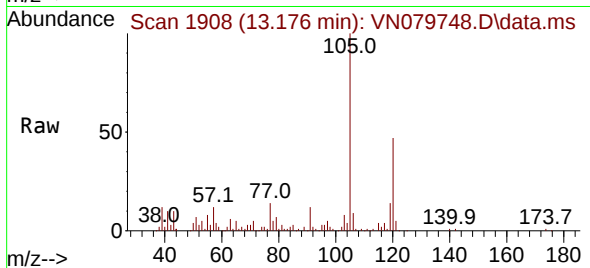
120 48.6 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 11/01/2023

Supervised By :Semsettin Yesilyurt 11/02/2023



#84

1,2,4-Trimethylbenzene

Concen: 12.359 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079748.D

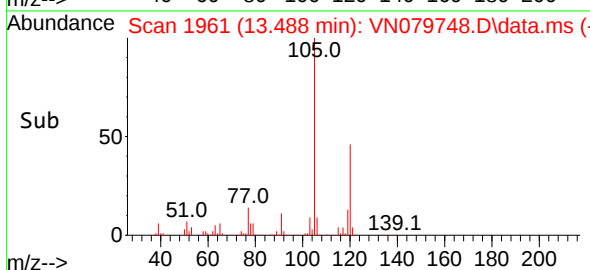
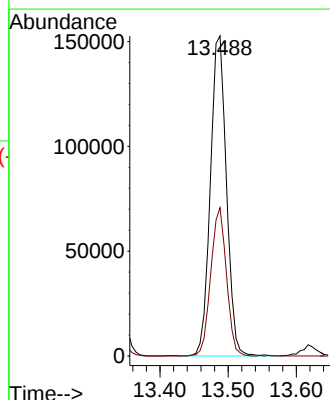
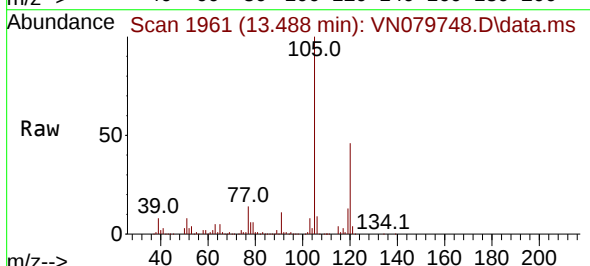
Acq: 31 Oct 2023 16:55

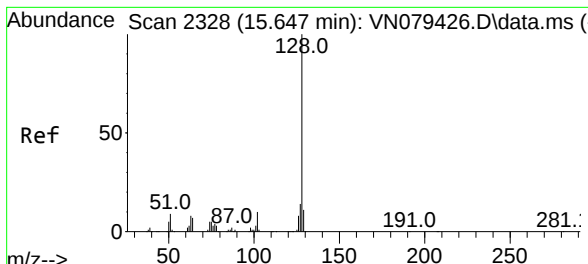
Tgt Ion:105 Resp: 250620

Ion Ratio Lower Upper

105 100

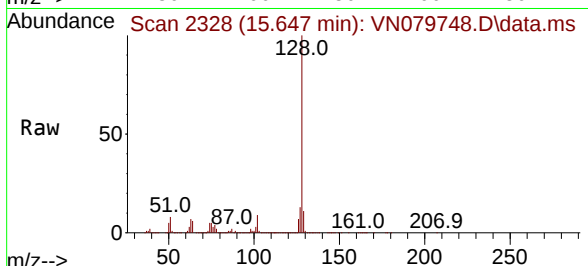
120 45.1 22.0 66.0





#95
Naphthalene
Concen: 348.240 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079748.D
Acq: 31 Oct 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
1048ME



Tgt Ion:128 Resp: 300691
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

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

