

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075831.D
 Acq On : 15 Dec 2022 20:35
 Operator : JC\MD
 Sample : N6066-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-584

Quant Time: Dec 16 03:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	361101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	556343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	492731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	184022	46.844	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.680%		
35) Dibromofluoromethane	8.177	113	168292	48.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.700%		
50) Toluene-d8	10.570	98	648241	50.322	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.640%		
62) 4-Bromofluorobenzene	12.853	95	212619	49.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds						
						Qvalue
8) Diethyl Ether	3.994	74	2116m	1.004	ug/l	
11) Tert butyl alcohol	5.536	59	25490	45.856	ug/l	99
16) Acetone	4.447	43	191197	141.187	ug/l	99
18) Methyl Acetate	5.047	43	4796m	1.198	ug/l	
25) 2-Butanone	7.488	43	89834	47.377	ug/l	97
40) Benzene	8.612	78	82527	5.844	ug/l	98
52) Toluene	10.635	92	50322	5.472	ug/l	99
67) Ethyl Benzene	11.965	91	8932	0.523	ug/l	92
68) m/p-Xylenes	12.070	106	16996	2.516	ug/l	98
69) o-Xylene	12.400	106	8480	1.268	ug/l	99
70) Styrene	12.412	104	5710	0.537	ug/l #	81
80) 1,3,5-Trimethylbenzene	13.176	105	4814	0.354	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	20246	1.502	ug/l	98
95) Naphthalene	15.641	128	78978	8.357	ug/l	98

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

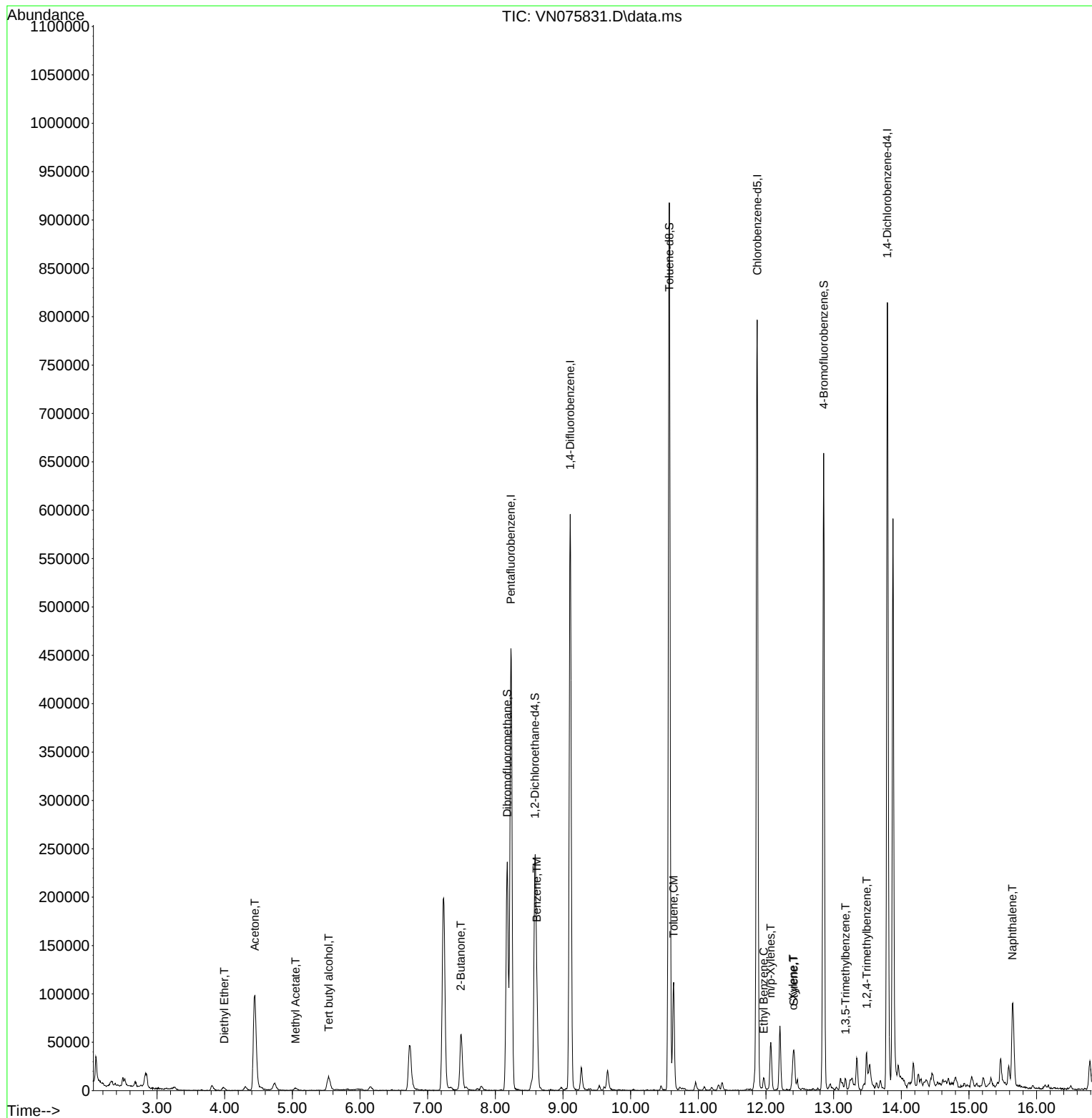
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
Data File : VN075831.D
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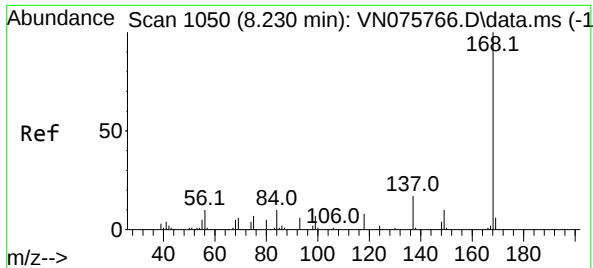
Instrument :
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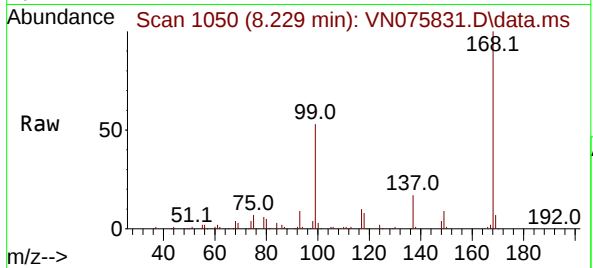
Quant Time: Dec 16 03:13:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

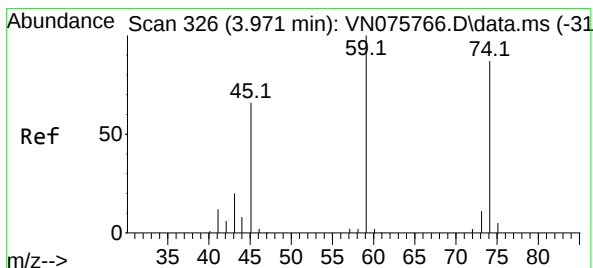
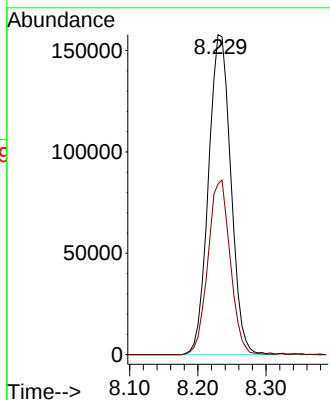
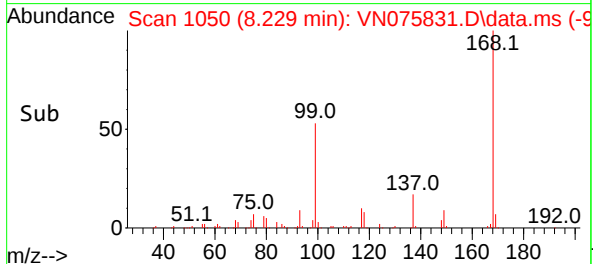
Instrument :
MSVOA_N
ClientSampleId :
ORA-584



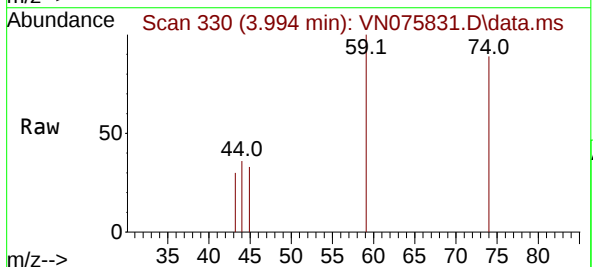
Tgt Ion:168 Resp: 36110
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4

Manual Integrations
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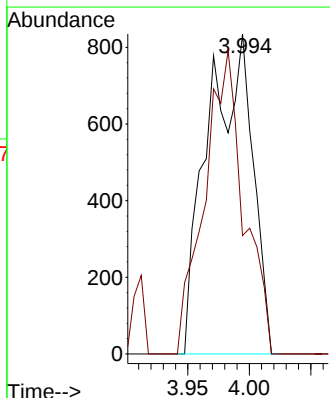
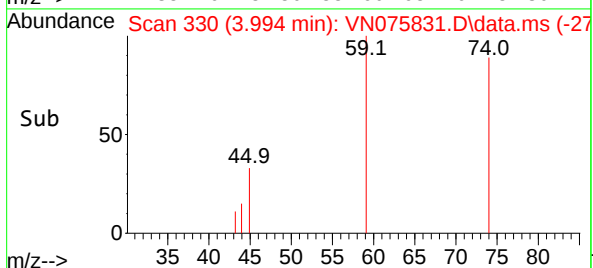
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

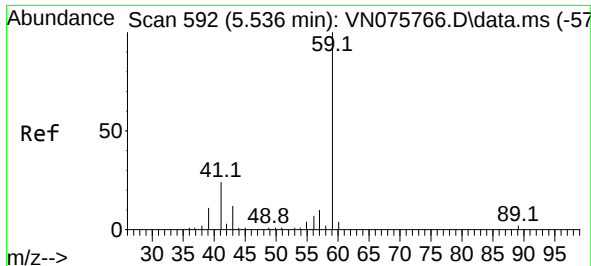


#8
Diethyl Ether
Concen: 1.004 ug/l m
RT: 3.994 min Scan# 330
Delta R.T. 0.023 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35



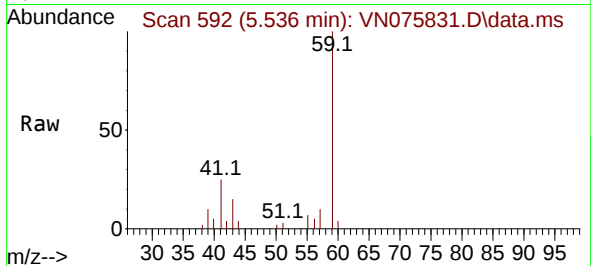
Tgt Ion: 74 Resp: 2116
Ion Ratio Lower Upper
74 100
45 83.2 37.8 113.4





#11
Tert butyl alcohol
Concen: 45.856 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

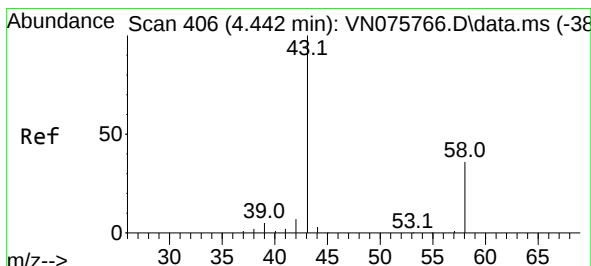
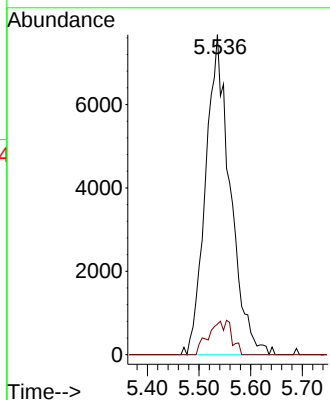
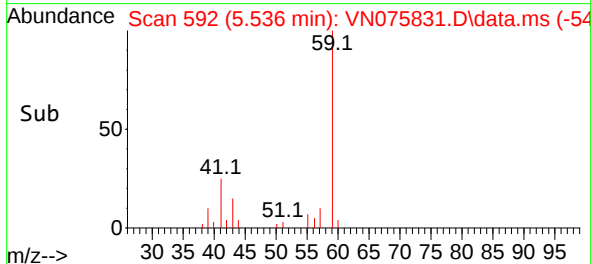
Instrument :
MSVOA_N
ClientSampleId :
ORA-584



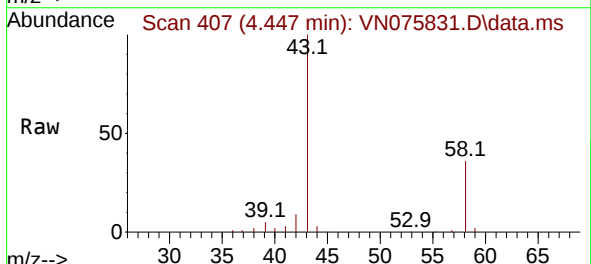
Tgt Ion: 59 Resp: 25490
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

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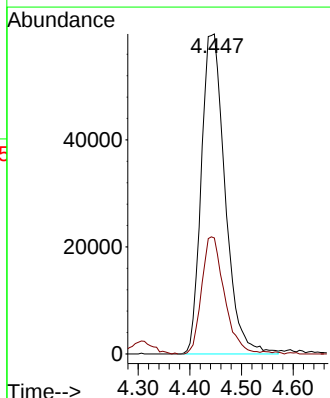
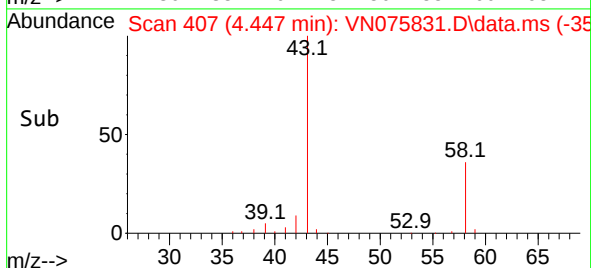
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

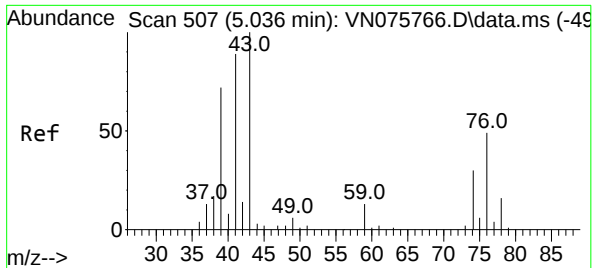


#16
Acetone
Concen: 141.187 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35



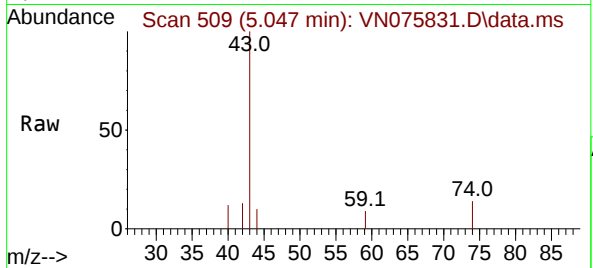
Tgt Ion: 43 Resp: 191197
Ion Ratio Lower Upper
43 100
58 36.3 28.6 43.0





#18
Methyl Acetate
Concen: 1.198 ug/l m
RT: 5.047 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

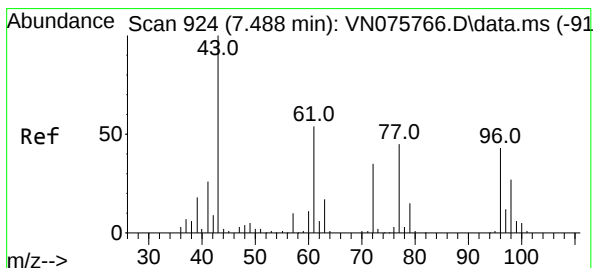
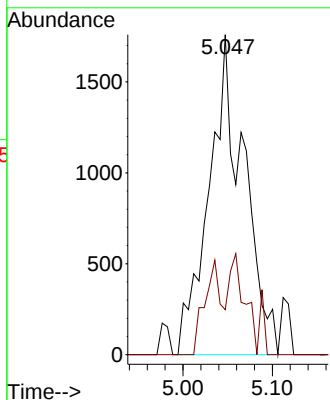
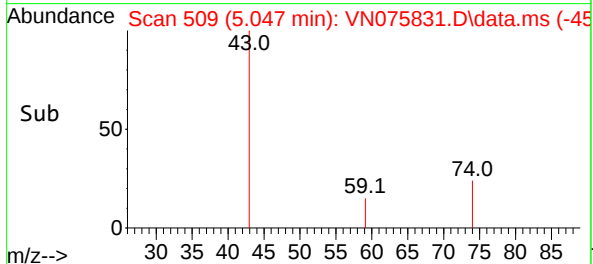
Instrument :
MSVOA_N
ClientSampleId :
ORA-584



Tgt Ion: 43 Resp: 4790
Ion Ratio Lower Upper
43 100
74 13.7 23.6 35.4

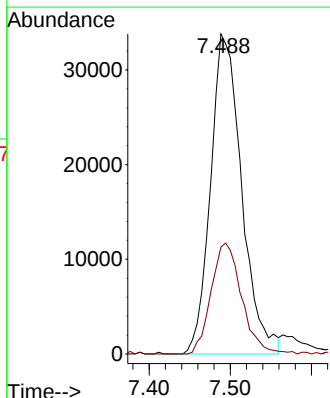
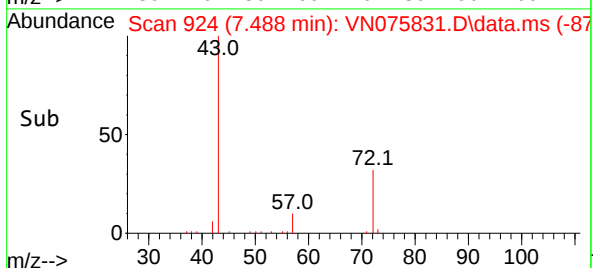
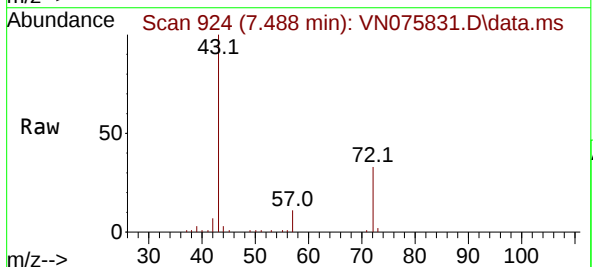
Manual Integrations
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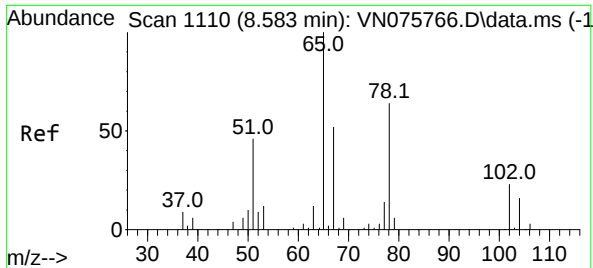
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#25
2-Butanone
Concen: 47.377 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

Tgt Ion: 43 Resp: 89834
Ion Ratio Lower Upper
43 100
72 33.4 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 46.844 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075831.D

Acq: 15 Dec 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

ORA-584

Tgt Ion: 65 Resp: 18402

Ion Ratio Lower Upper

65 100

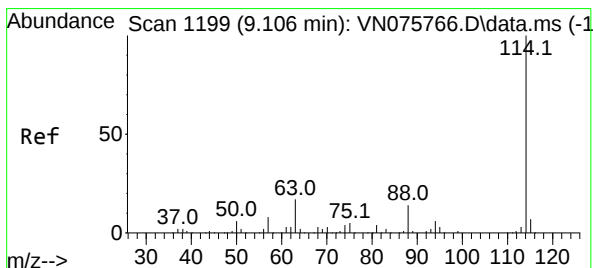
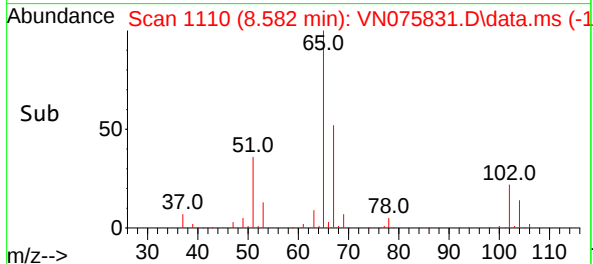
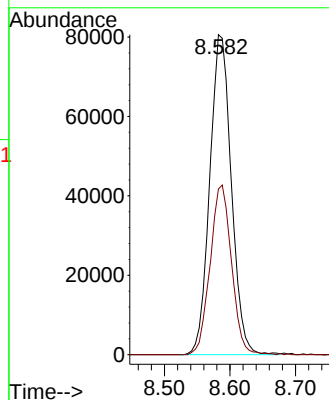
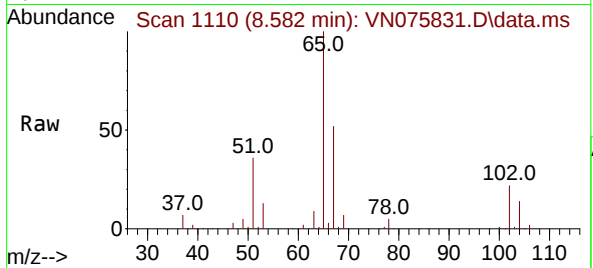
67 52.5 0.0 103.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075831.D

Acq: 15 Dec 2022 20:35

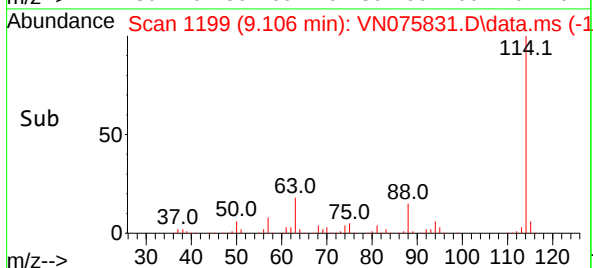
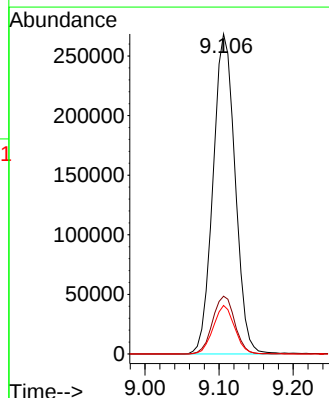
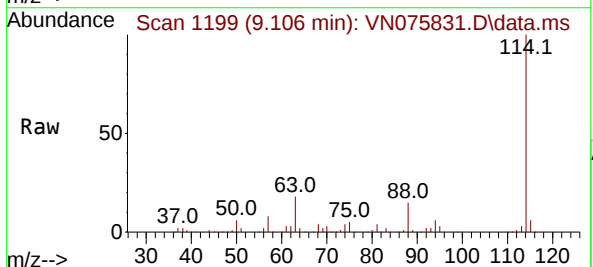
Tgt Ion:114 Resp: 556343

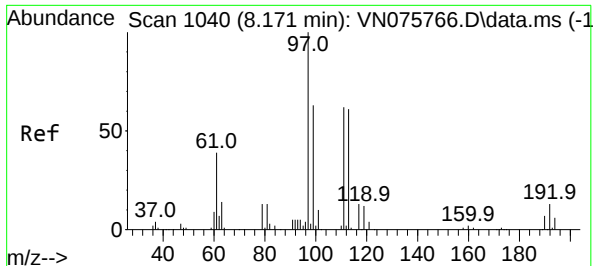
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 15.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.846 ug/l

RT: 8.177 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VN075831.D

Acq: 15 Dec 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

ORA-584

Tgt Ion:113 Resp: 168292

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

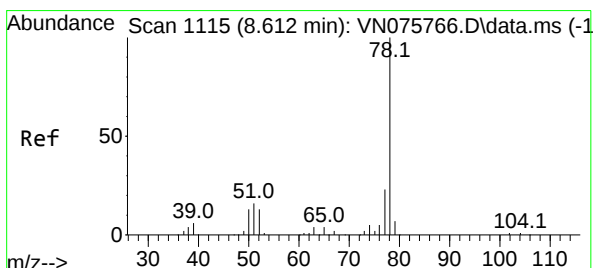
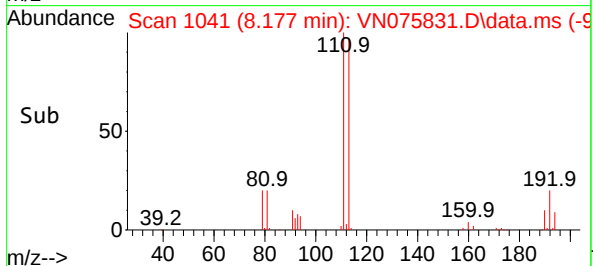
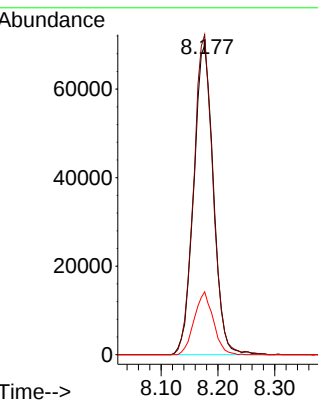
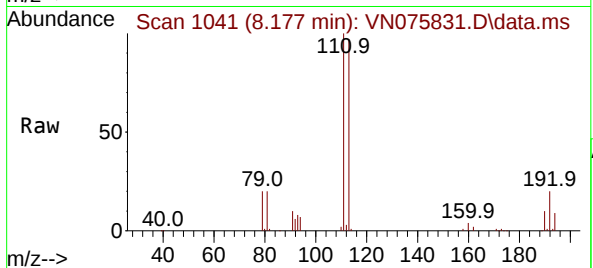
192 19.6 16.1 24.1

Manual Integrations

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#40

Benzene

Concen: 5.844 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075831.D

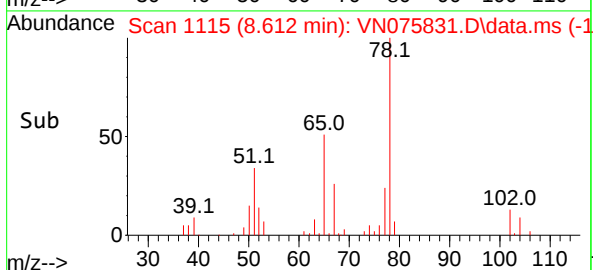
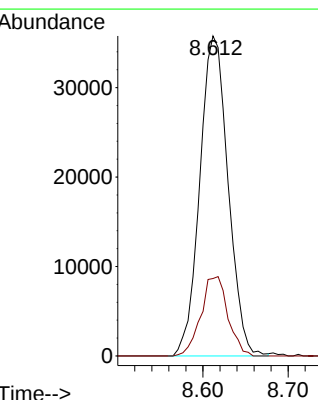
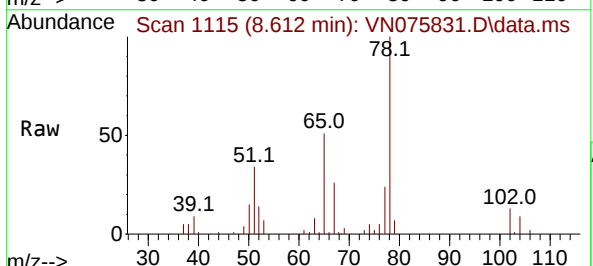
Acq: 15 Dec 2022 20:35

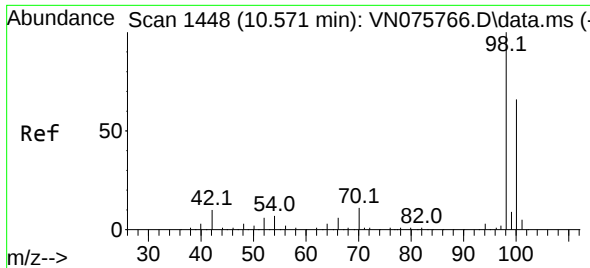
Tgt Ion: 78 Resp: 82527

Ion Ratio Lower Upper

78 100

77 24.2 18.5 27.7





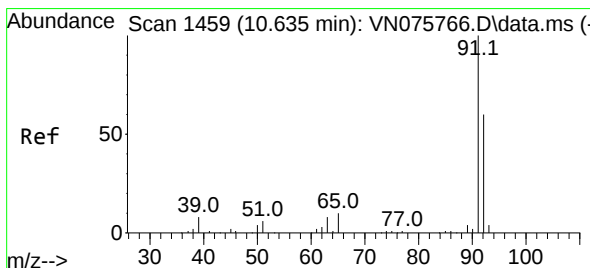
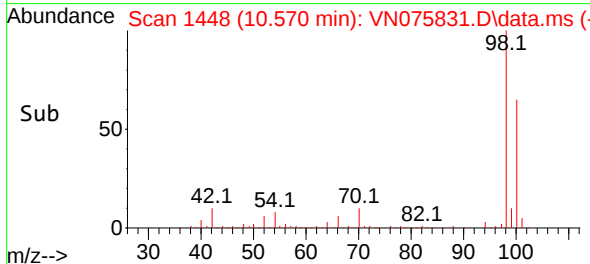
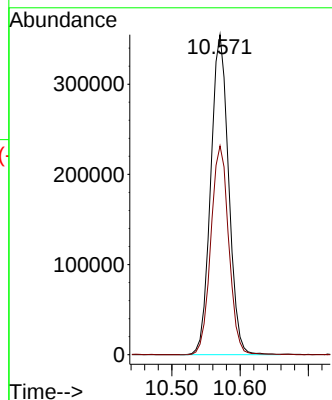
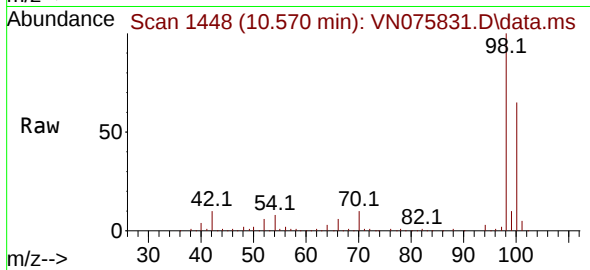
#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 98 Resp: 64824
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

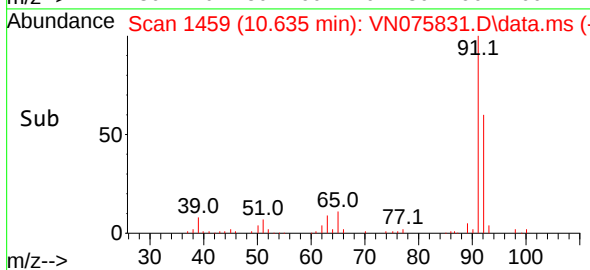
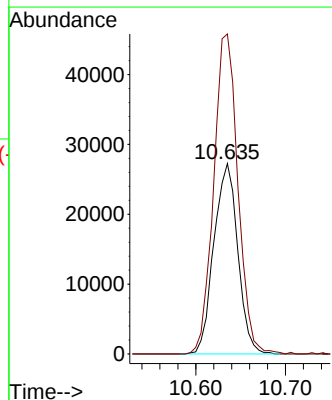
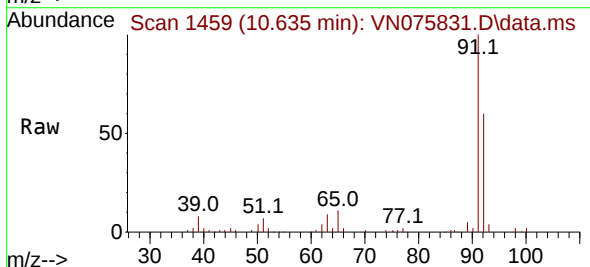
Manual Integrations
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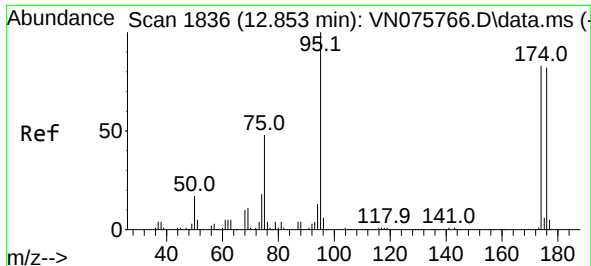
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#52
Toluene
Concen: 5.472 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

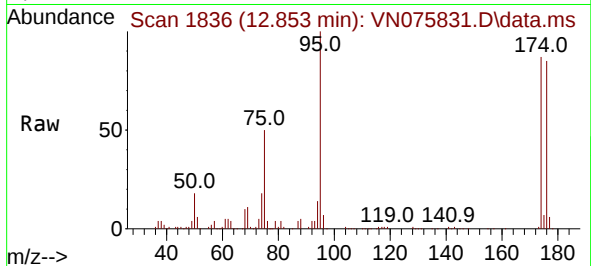
Tgt Ion: 92 Resp: 50322
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9





#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

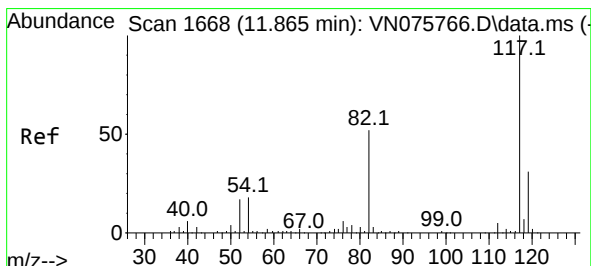
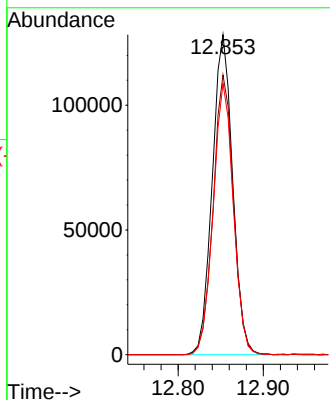
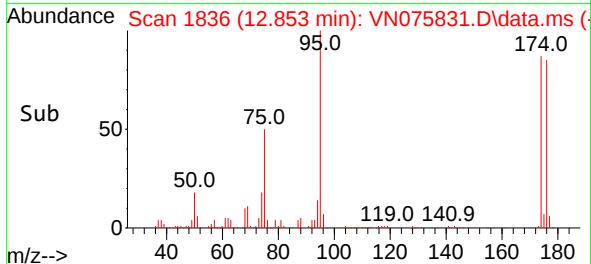
Instrument :
MSVOA_N
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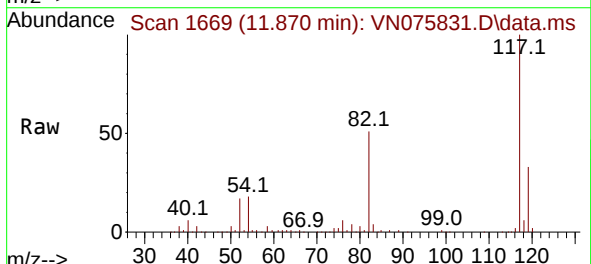
Tgt Ion: 95 Resp: 212619
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 83.7 0.0 169.2

Manual Integrations
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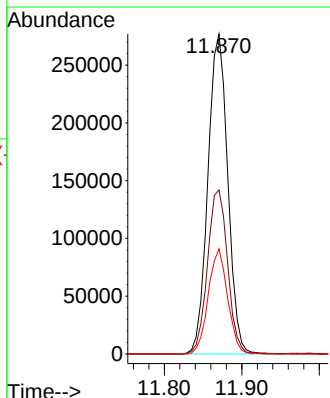
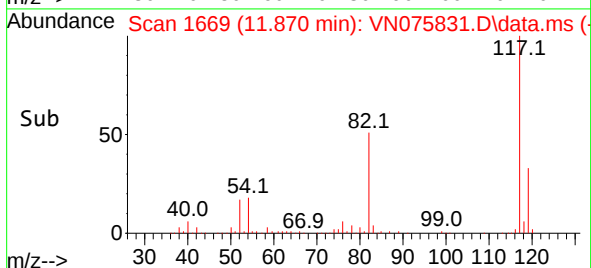
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

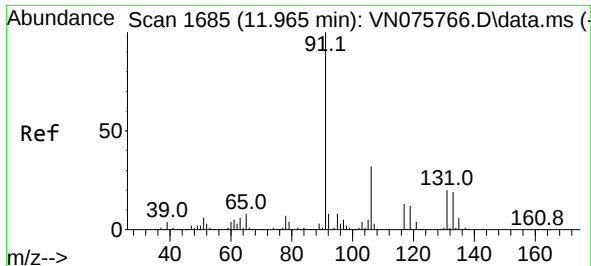


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35



Tgt Ion:117 Resp: 492731
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 32.8 24.6 37.0





#67

Ethyl Benzene

Concen: 0.523 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075831.D

Acq: 15 Dec 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

ORA-584

Tgt Ion: 91 Resp: 893

Ion Ratio Lower Upper

91 100

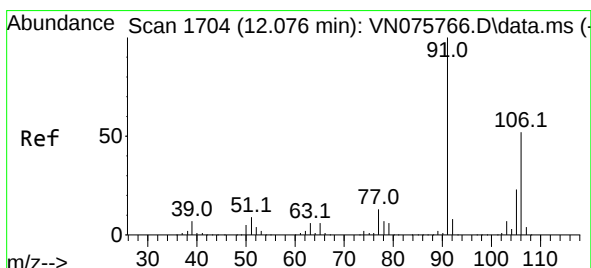
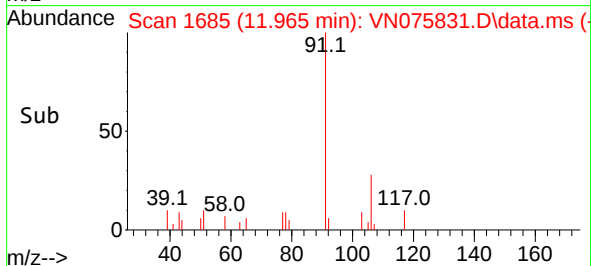
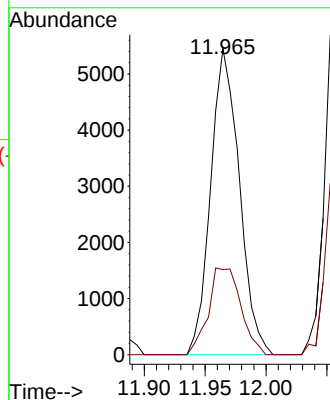
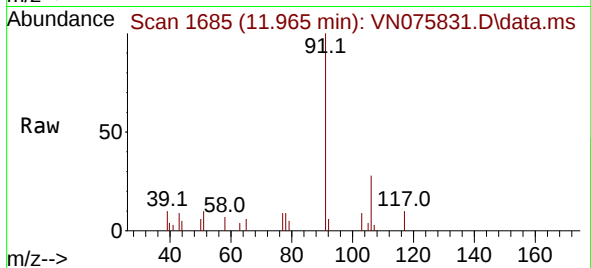
106 27.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#68

m/p-Xylenes

Concen: 2.516 ug/l

RT: 12.070 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN075831.D

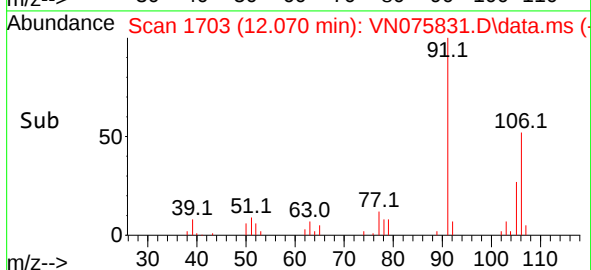
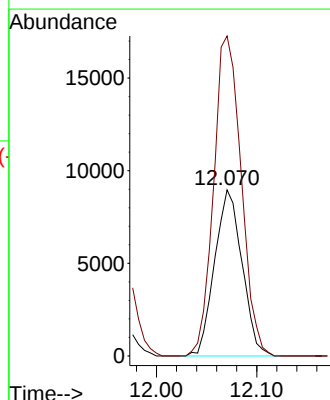
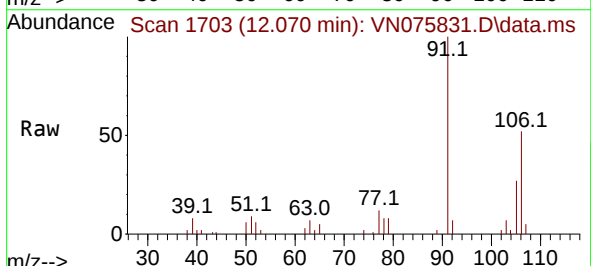
Acq: 15 Dec 2022 20:35

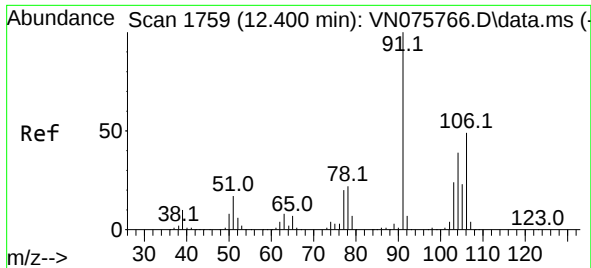
Tgt Ion:106 Resp: 16996

Ion Ratio Lower Upper

106 100

91 193.5 156.6 235.0





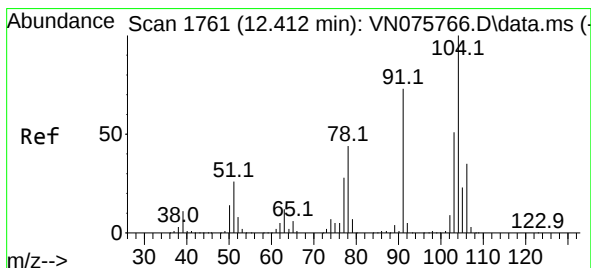
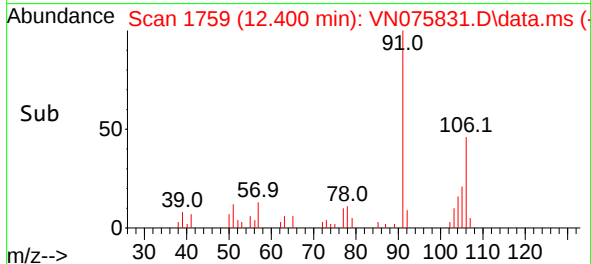
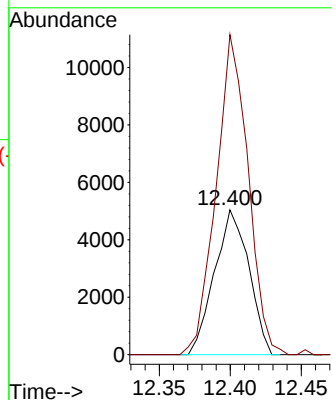
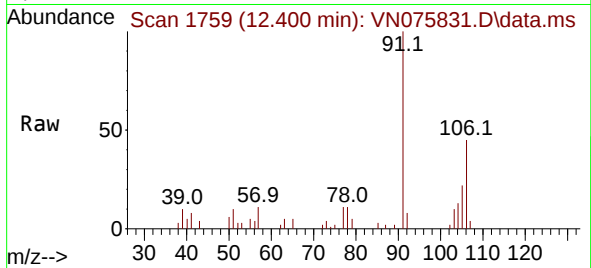
#69
o-Xylene
Concen: 1.268 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
ORA-584

Tgt Ion:106 Resp: 8480
Ion Ratio Lower Upper
106 100
91 206.2 103.8 311.6

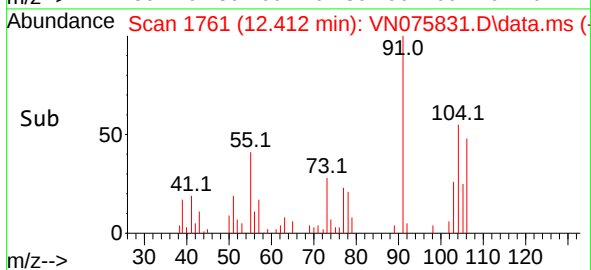
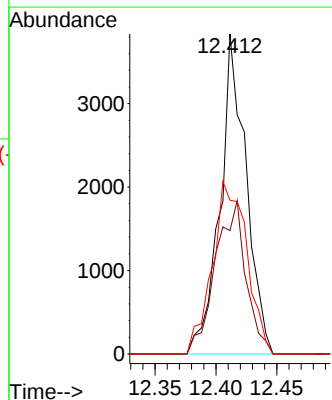
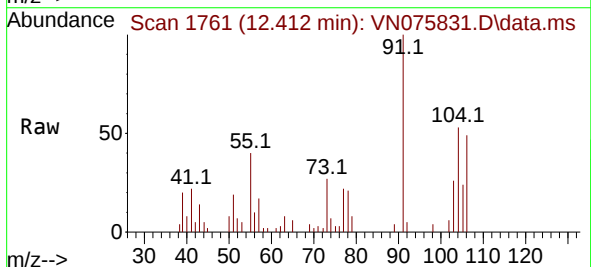
Manual Integrations
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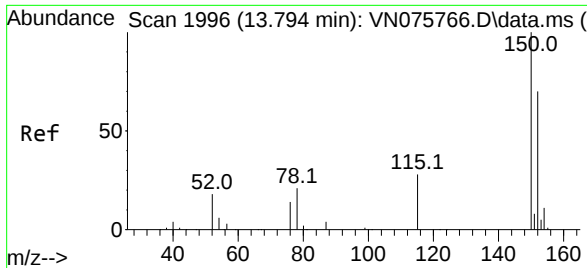
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#70
Styrene
Concen: 0.537 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

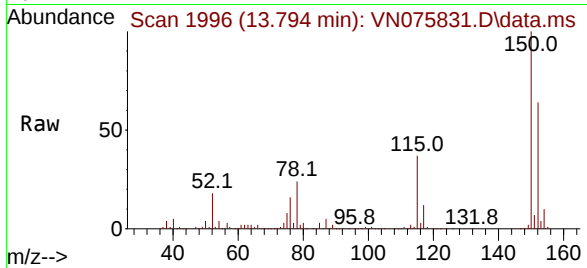
Tgt Ion:104 Resp: 5710
Ion Ratio Lower Upper
104 100
78 56.1 37.5 56.3
103 71.0 43.5 65.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075831.D
 Acq: 15 Dec 2022 20:35

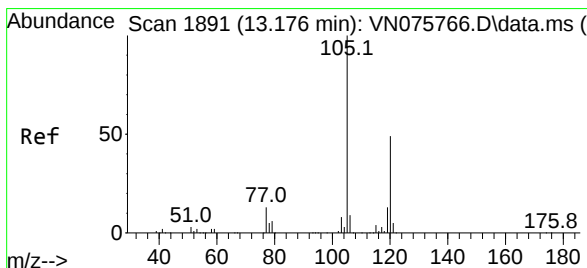
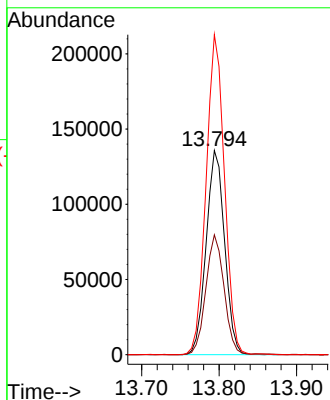
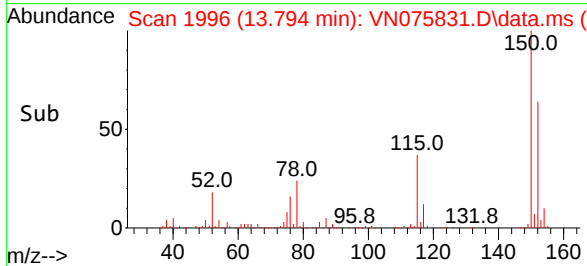
Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-584



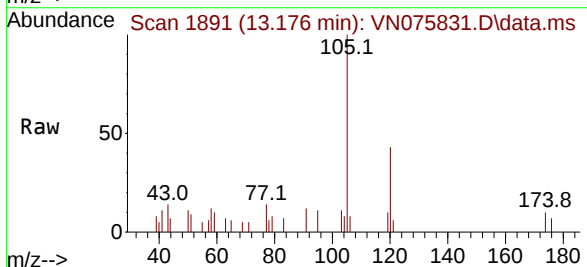
Tgt Ion:152 Resp: 22461
 Ion Ratio Lower Upper
 152 100
 115 57.9 29.1 87.4
 150 155.9 0.0 347.0

Manual Integrations
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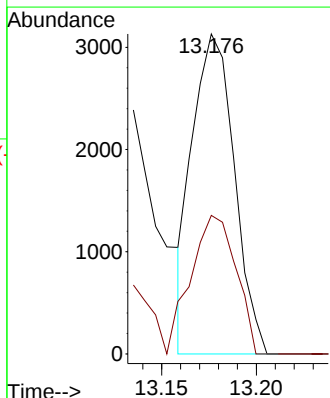
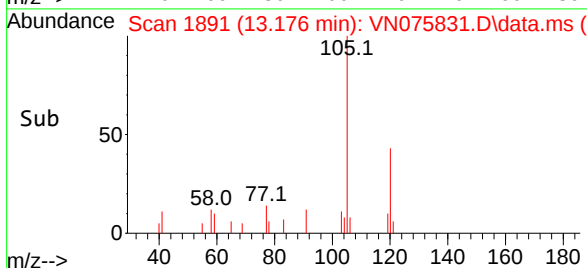
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

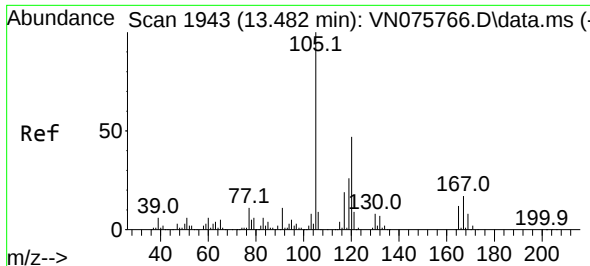


#80
 1,3,5-Trimethylbenzene
 Concen: 0.354 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN075831.D
 Acq: 15 Dec 2022 20:35



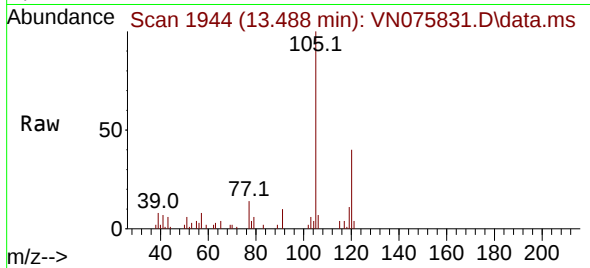
Tgt Ion:105 Resp: 4814
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.7 74.1





#84
1,2,4-Trimethylbenzene
Concen: 1.502 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35

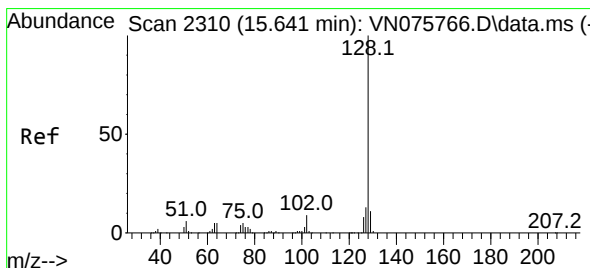
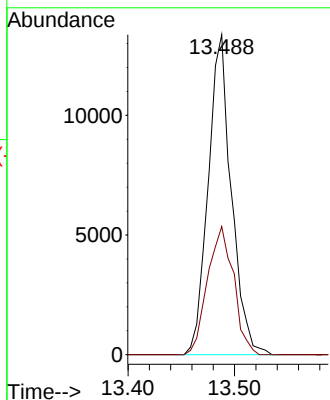
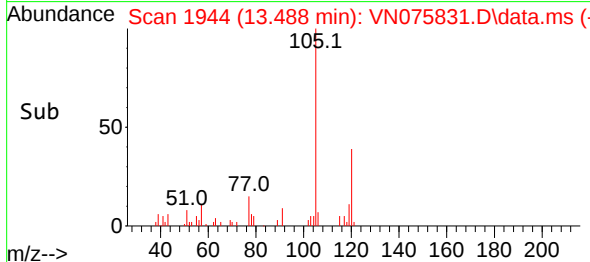
Instrument :
MSVOA_N
ClientSampleId :
ORA-584



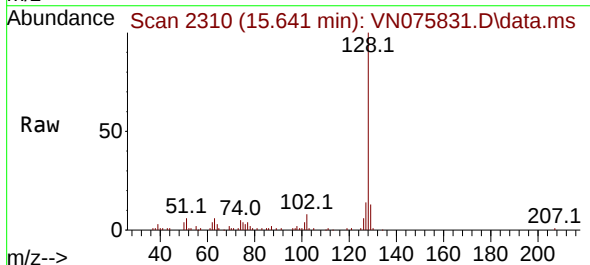
Tgt Ion:105 Resp: 20240
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.8

Manual Integrations
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Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#95
Naphthalene
Concen: 8.357 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075831.D
Acq: 15 Dec 2022 20:35



Tgt Ion:128 Resp: 78978
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 11.6 8.7 13.1

