

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075832.D
 Acq On : 15 Dec 2022 20:59
 Operator : JC\MD
 Sample : N6066-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-597

Quant Time: Dec 16 03:14:12 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	8.230	168	373092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	579004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	507158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191670	47.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.440%		
35) Dibromofluoromethane	8.171	113	172713	48.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.340%		
50) Toluene-d8	10.571	98	676241	50.441	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.880%		
62) 4-Bromofluorobenzene	12.853	95	217395	48.959	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.920%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.536	59	61767	107.546	ug/l	99
16) Acetone	4.448	43	94953	67.863	ug/l	99
18) Methyl Acetate	5.042	43	8598	2.079	ug/l #	86
25) 2-Butanone	7.494	43	251697	128.475	ug/l	97
37) Ethyl Acetate	7.571	43	16337m	4.270	ug/l	
40) Benzene	8.612	78	74581	5.075	ug/l	96
52) Toluene	10.630	92	49350	5.156	ug/l	99
67) Ethyl Benzene	11.965	91	12646	0.720	ug/l	96
68) m/p-Xylenes	12.071	106	24498	3.523	ug/l	96
69) o-Xylene	12.400	106	11084	1.611	ug/l	100
70) Styrene	12.412	104	18926	1.730	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	6795	0.479	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	28383	2.017	ug/l	89
95) Naphthalene	15.641	128	69098	7.356	ug/l	95

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

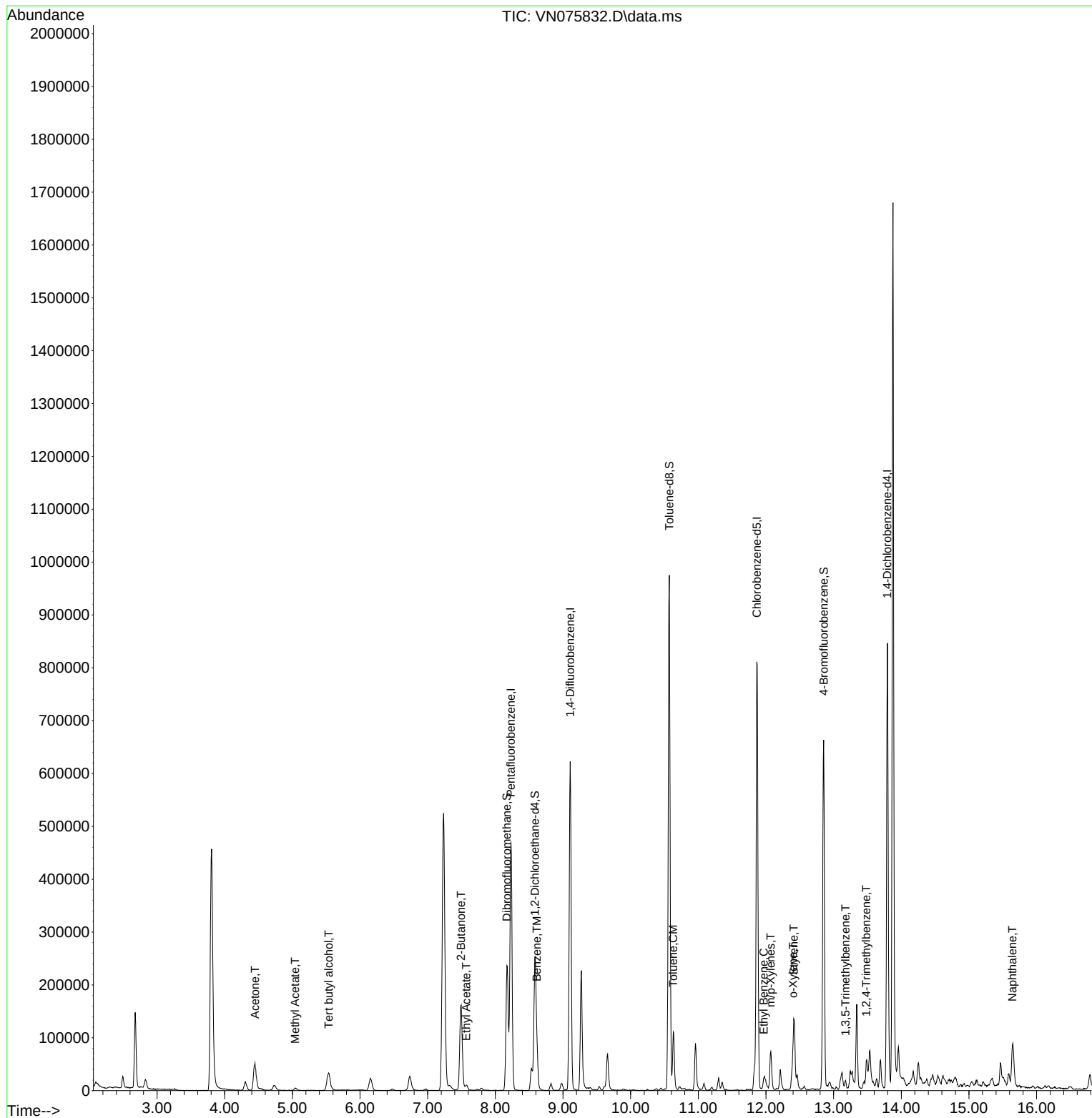
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
Data File : VN075832.D
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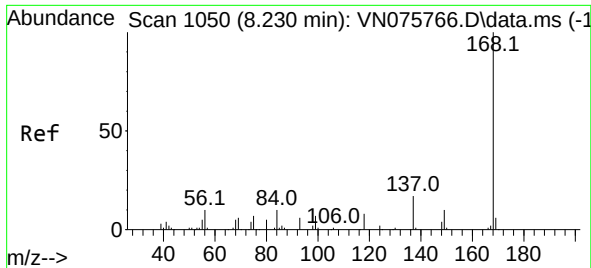
Instrument :
MSVOA_N
ClientSampleId :
ORA-597

Quant Time: Dec 16 03:14:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
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APPROVED

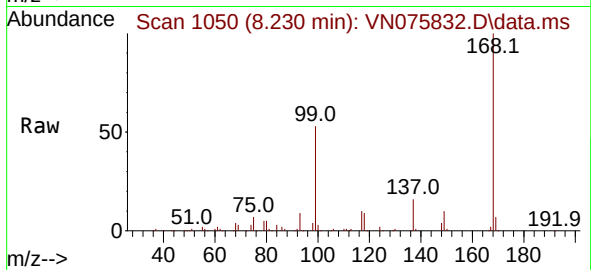
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

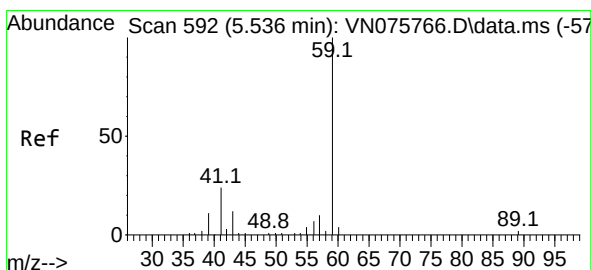
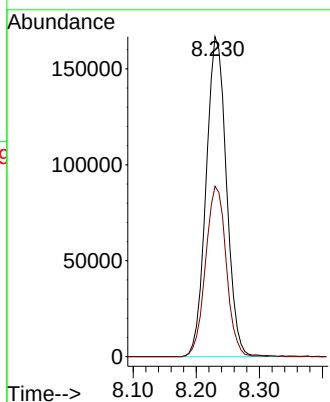
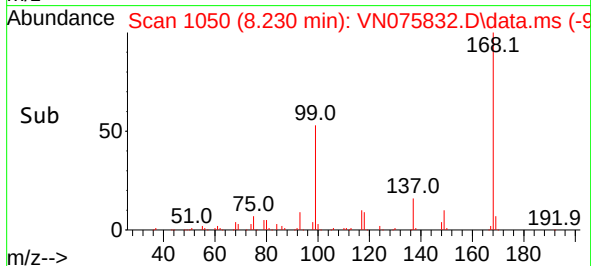
Instrument :
MSVOA_N
ClientSampleId :
ORA-597



Tgt Ion:168 Resp: 373092
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4

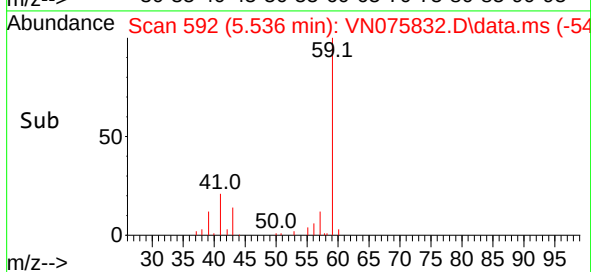
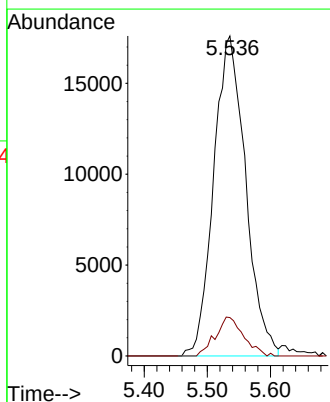
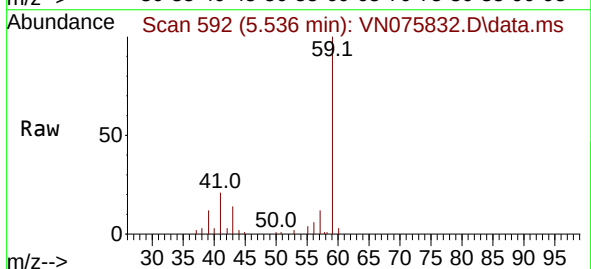
Manual Integrations
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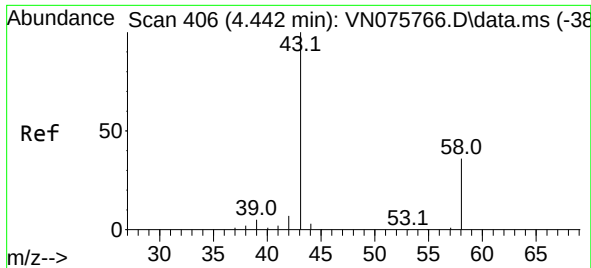
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#11
Tert butyl alcohol
Concen: 107.546 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Tgt Ion: 59 Resp: 61767
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4





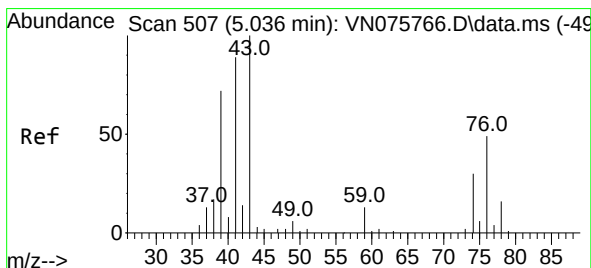
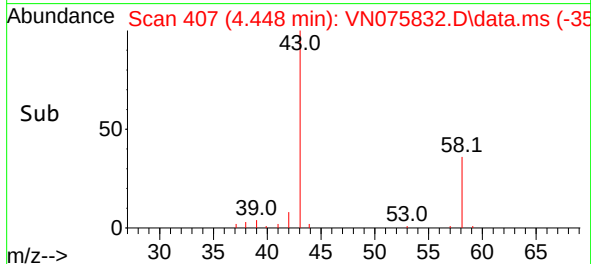
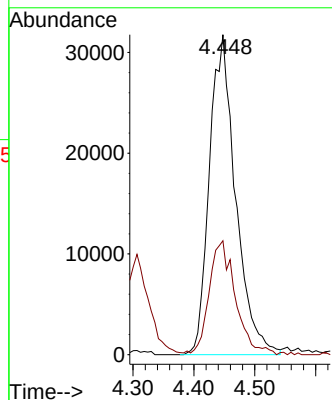
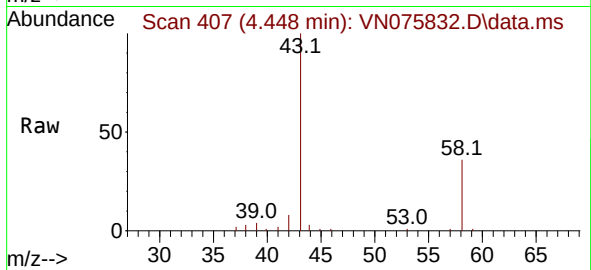
#16
Acetone
Concen: 67.863 ug/l
RT: 4.448 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Instrument :
MSVOA_N
ClientSampleId :
ORA-597

Tgt Ion: 43 Resp: 9495
Ion Ratio Lower Upper
43 100
58 35.0 28.6 43.0

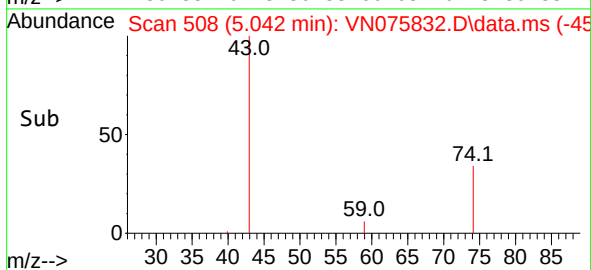
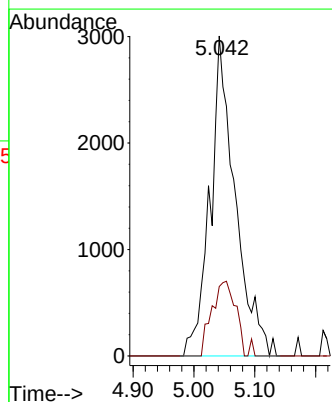
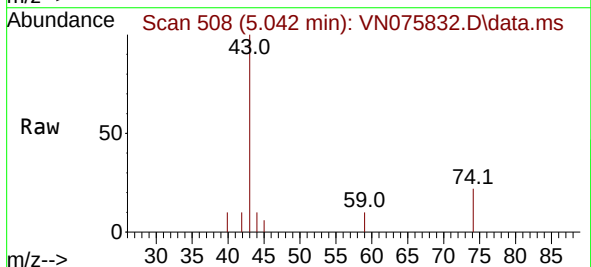
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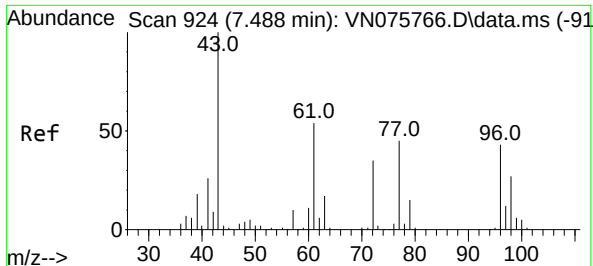
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#18
Methyl Acetate
Concen: 2.079 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Tgt Ion: 43 Resp: 8598
Ion Ratio Lower Upper
43 100
74 22.0 23.6 35.4#





#25

2-Butanone

Concen: 128.475 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075832.D

Acq: 15 Dec 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

ORA-597

Tgt Ion: 43 Resp: 25169

Ion Ratio Lower Upper

43 100

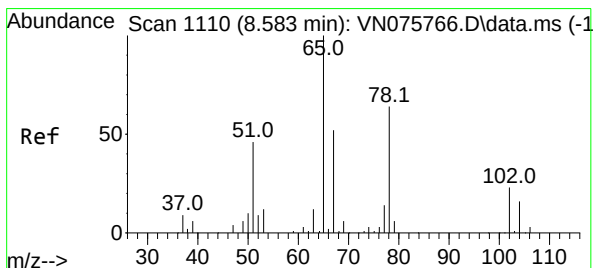
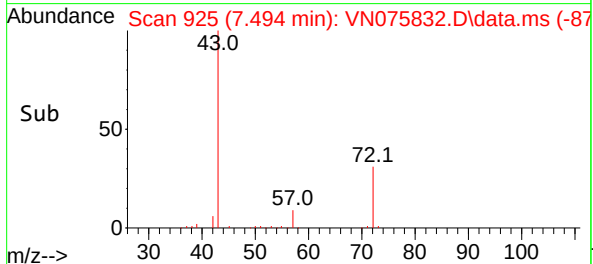
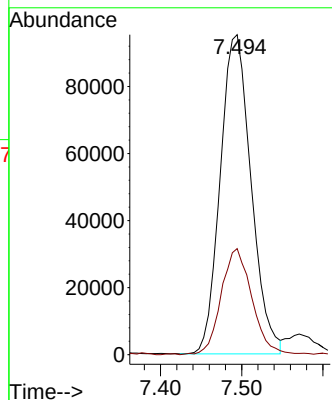
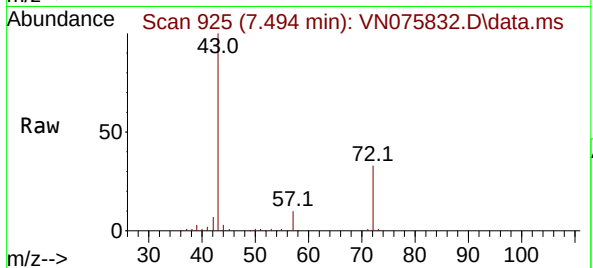
72 33.2 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#33

1,2-Dichloroethane-d4

Concen: 47.222 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075832.D

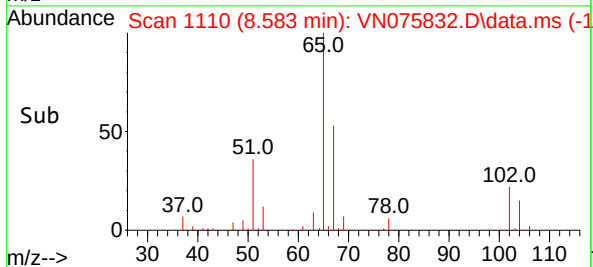
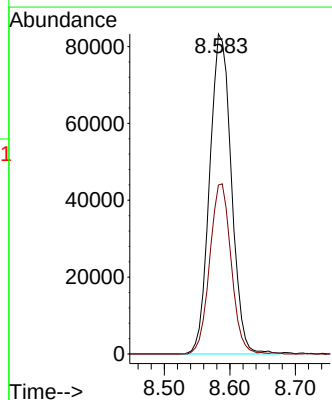
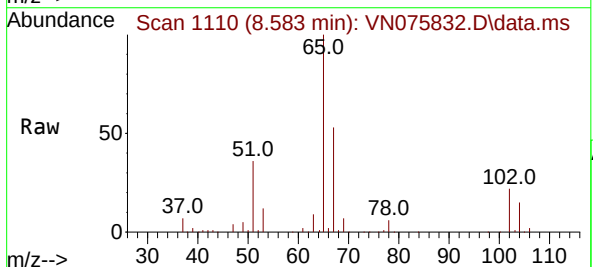
Acq: 15 Dec 2022 20:59

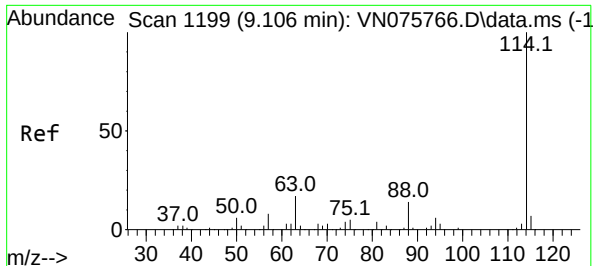
Tgt Ion: 65 Resp: 191670

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075832.D

Acq: 15 Dec 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

ORA-597

Tgt Ion:114 Resp: 579004

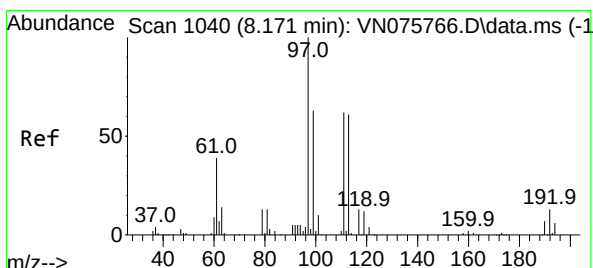
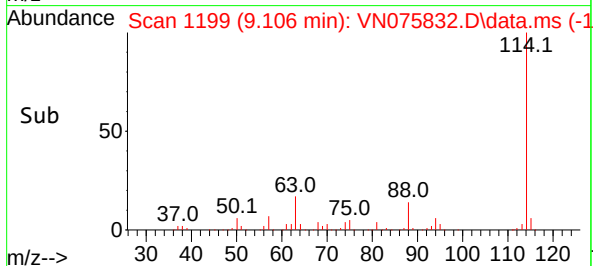
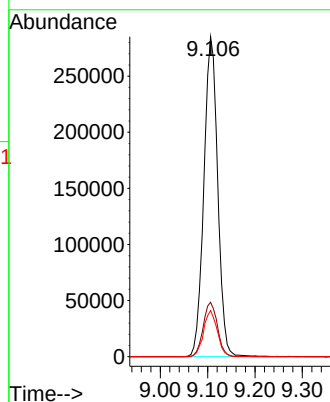
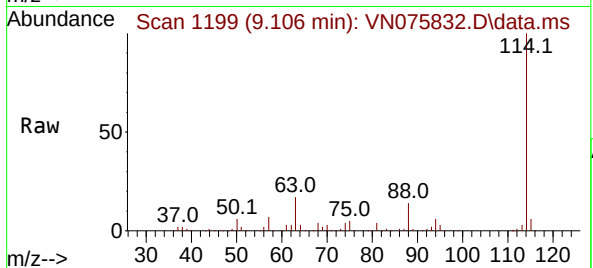
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	34.4
88	14.4	0.0	28.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/16/2022



#35

Dibromofluoromethane

Concen: 48.167 ug/l

RT: 8.171 min Scan# 1040

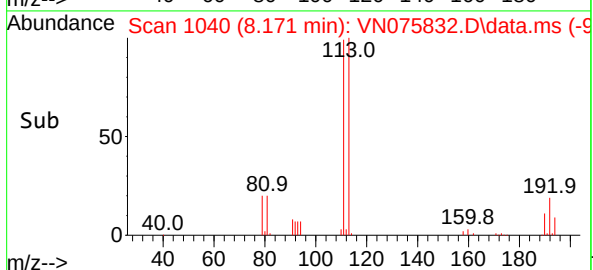
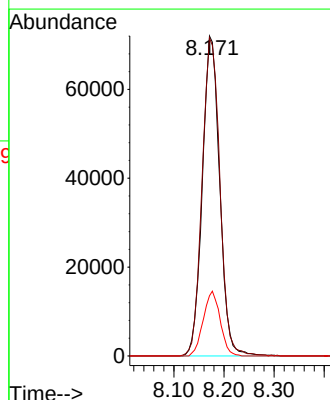
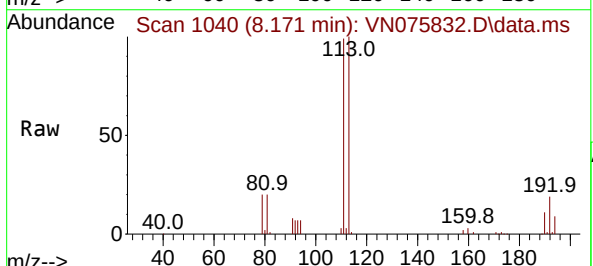
Delta R.T. 0.000 min

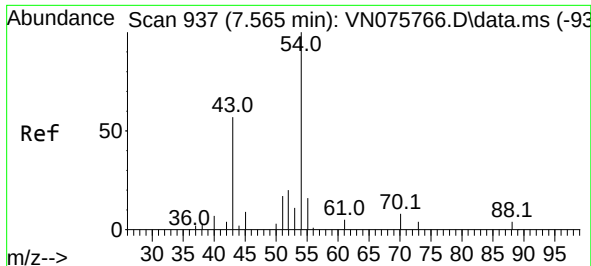
Lab File: VN075832.D

Acq: 15 Dec 2022 20:59

Tgt Ion:113 Resp: 172713

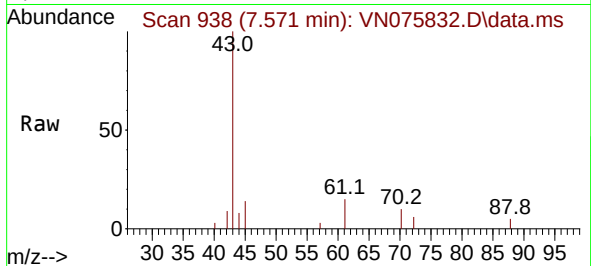
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	19.8	16.1	24.1





#37
Ethyl Acetate
Concen: 4.270 ug/l m
RT: 7.571 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

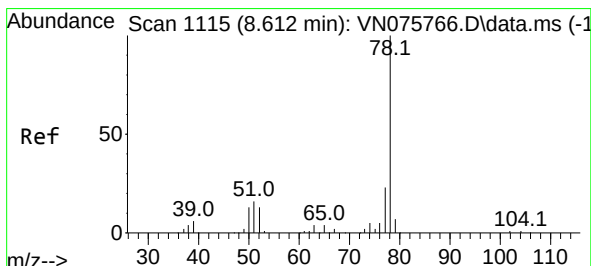
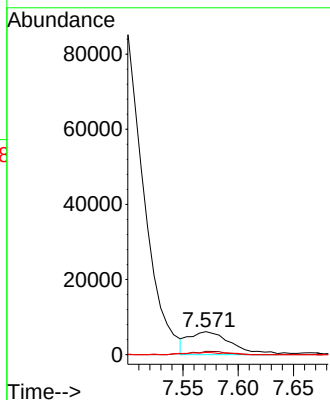
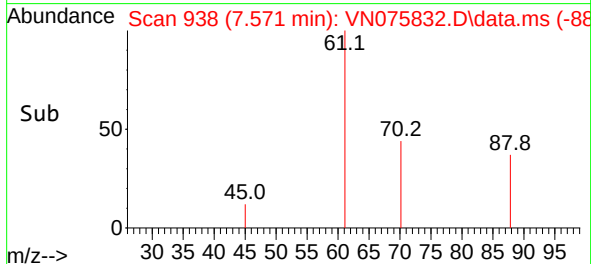
Instrument :
MSVOA_N
ClientSampleId :
ORA-597



Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
61 11.7 13.0 19.4
70 7.2 9.4 14.0

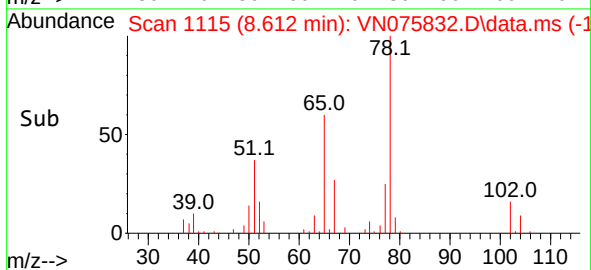
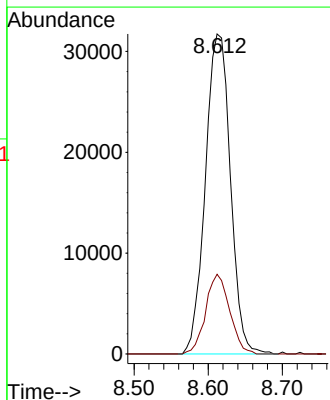
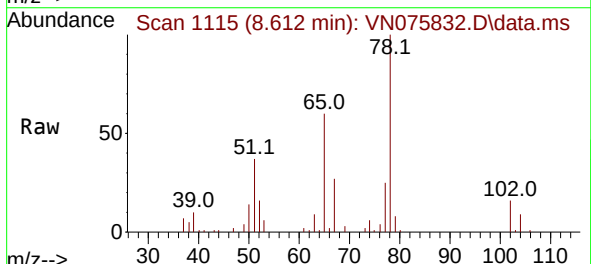
Manual Integrations
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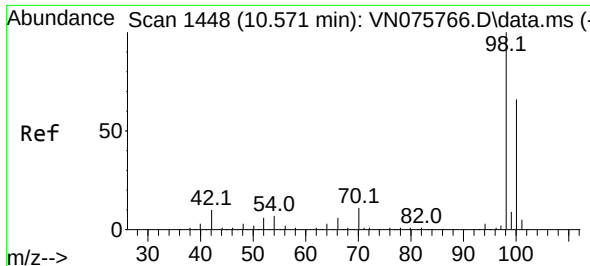
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#40
Benzene
Concen: 5.075 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

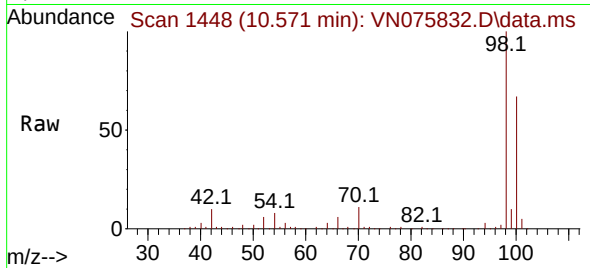
Tgt Ion: 78 Resp: 74581
Ion Ratio Lower Upper
78 100
77 24.9 18.5 27.7





#50
Toluene-d8
Concen: 50.441 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

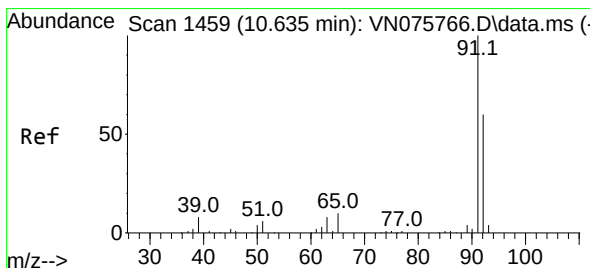
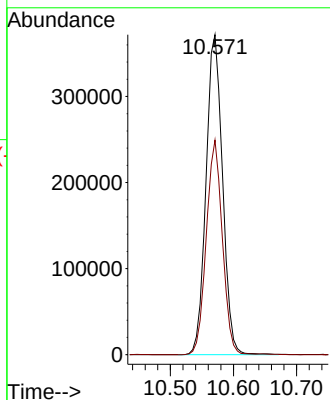
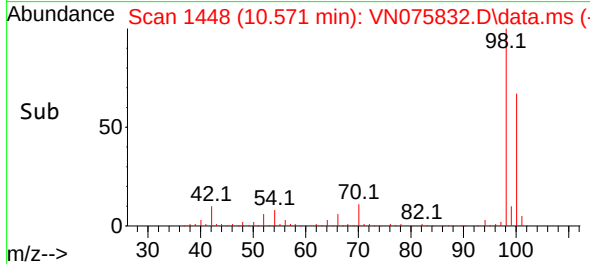
Instrument :
MSVOA_N
ClientSampleId :
ORA-597



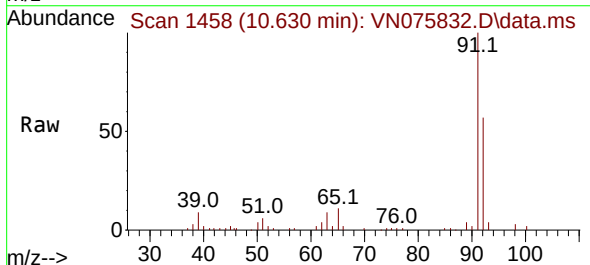
Tgt Ion: 98 Resp: 67624
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

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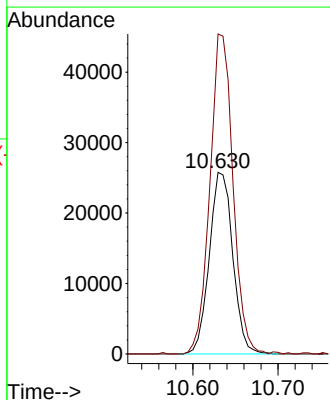
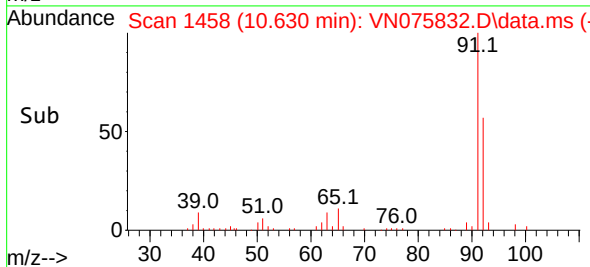
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

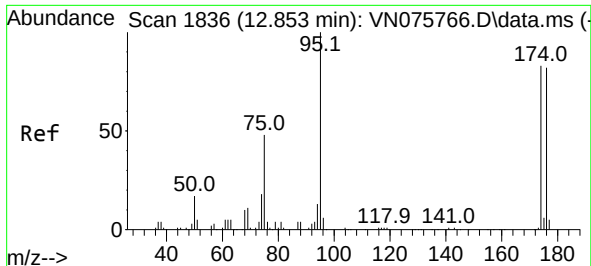


#52
Toluene
Concen: 5.156 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59



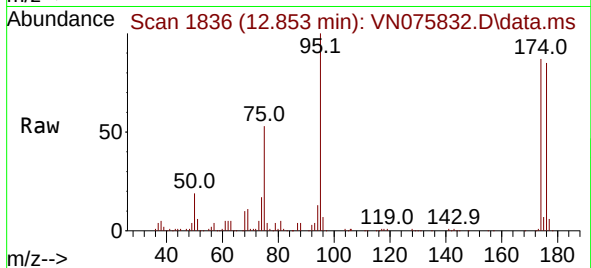
Tgt Ion: 92 Resp: 49350
Ion Ratio Lower Upper
92 100
91 172.7 137.3 205.9





#62
4-Bromofluorobenzene
Concen: 48.959 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

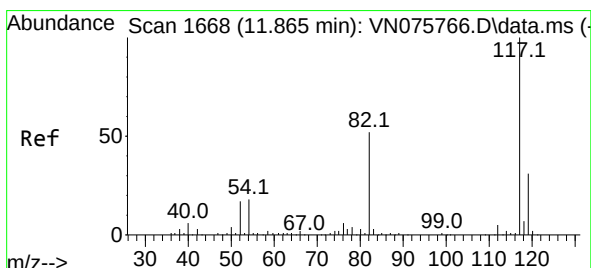
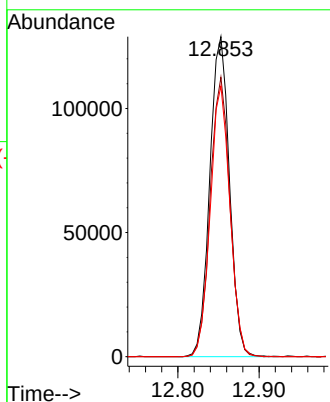
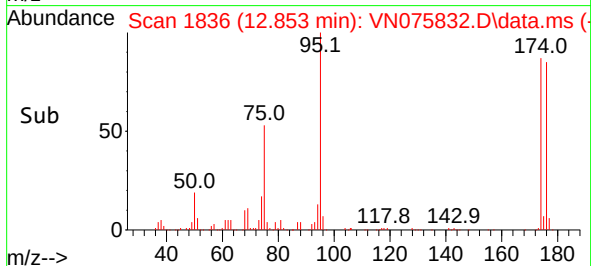
Instrument :
MSVOA_N
ClientSampleId :
ORA-597



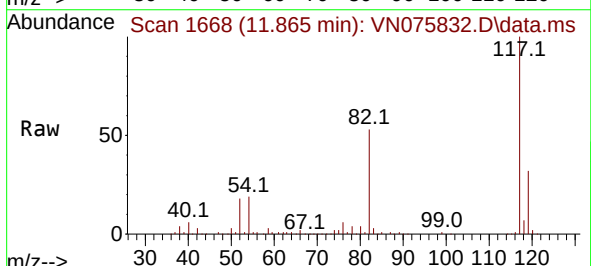
Tgt Ion: 95 Resp: 21739
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 84.4 0.0 169.2

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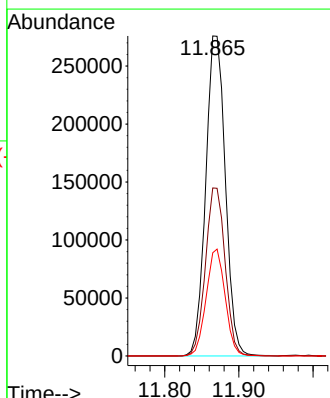
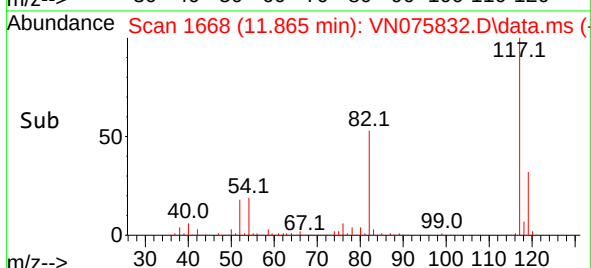
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

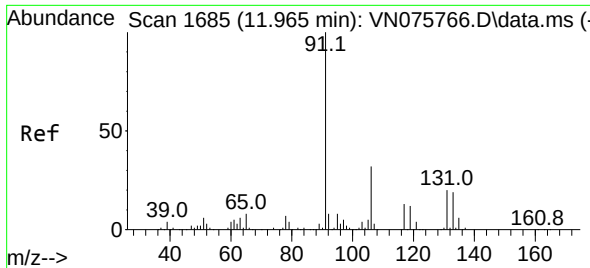


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59



Tgt Ion:117 Resp: 507158
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.2 24.6 37.0





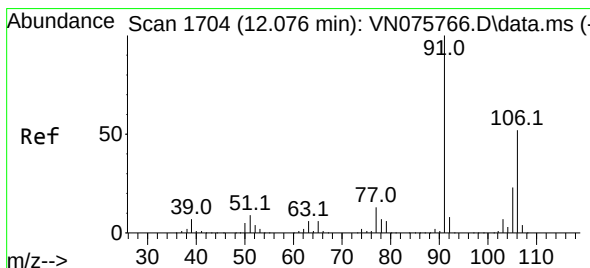
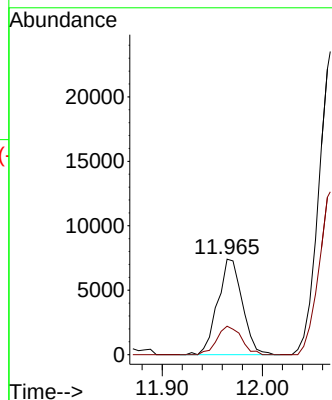
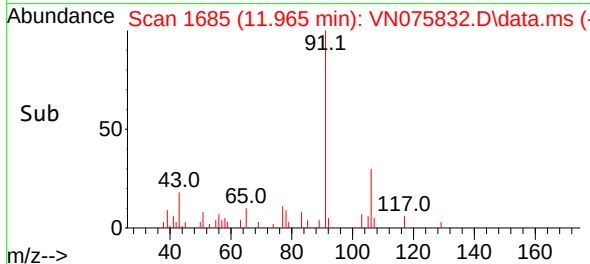
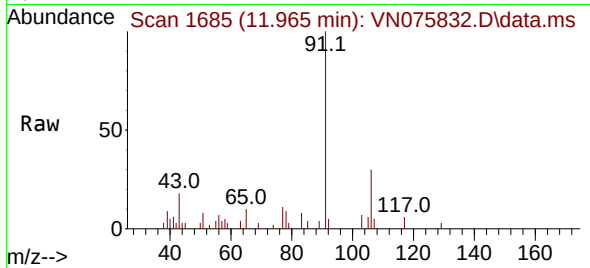
#67
Ethyl Benzene
Concen: 0.720 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Instrument :
MSVOA_N
ClientSampleId :
ORA-597

Tgt Ion: 91 Resp: 12640
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

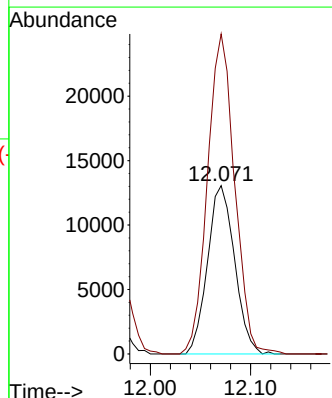
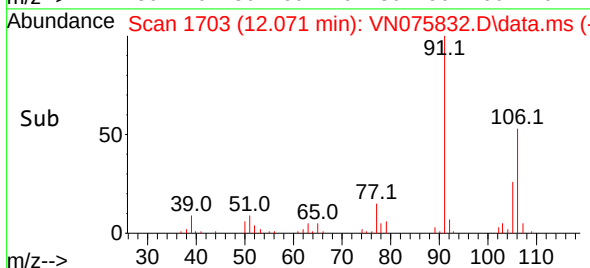
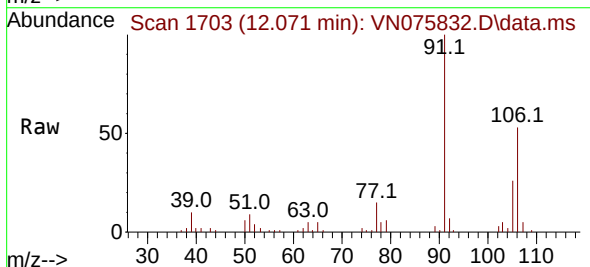
Manual Integrations
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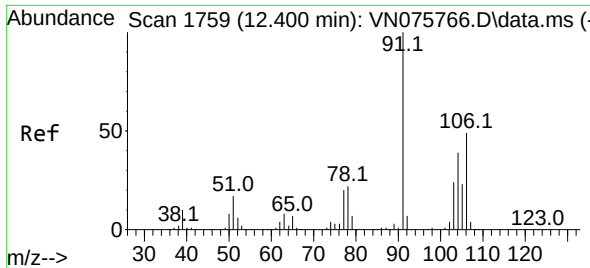
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#68
m/p-Xylenes
Concen: 3.523 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Tgt Ion:106 Resp: 24498
Ion Ratio Lower Upper
106 100
91 190.3 156.6 235.0





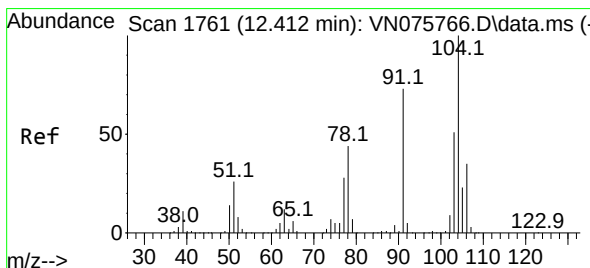
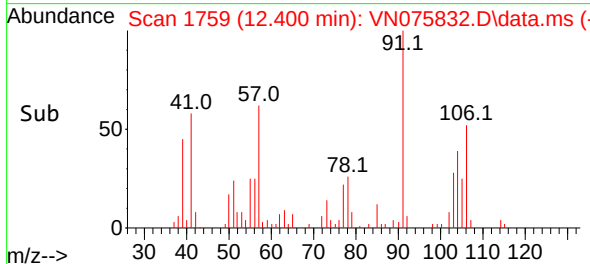
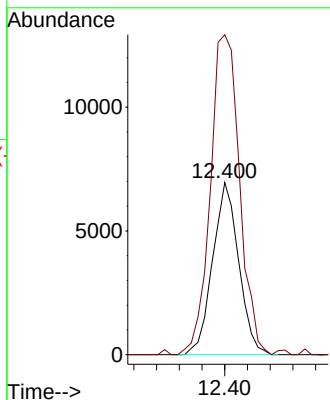
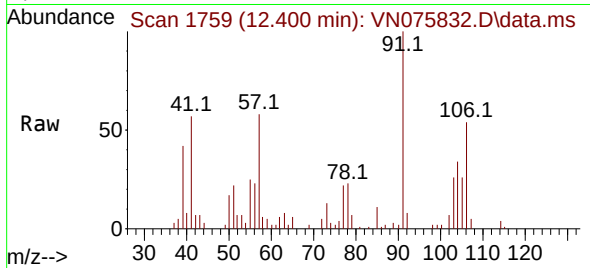
#69
o-Xylene
Concen: 1.611 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Instrument :
MSVOA_N
ClientSampleId :
ORA-597

Tgt Ion:106 Resp: 11084
Ion Ratio Lower Upper
106 100
91 208.4 103.8 311.6

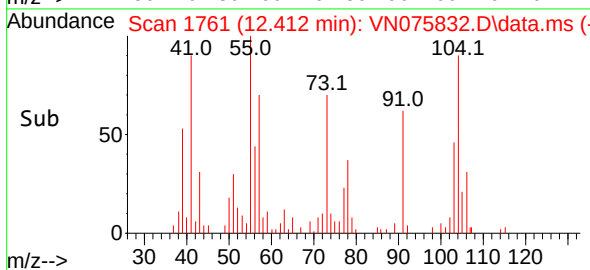
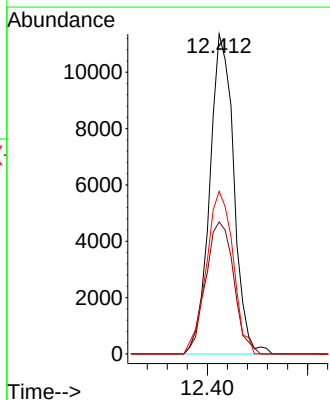
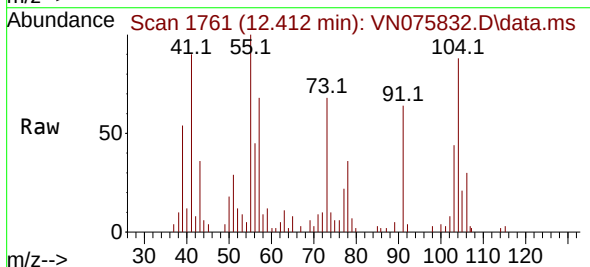
Manual Integrations
APPROVED

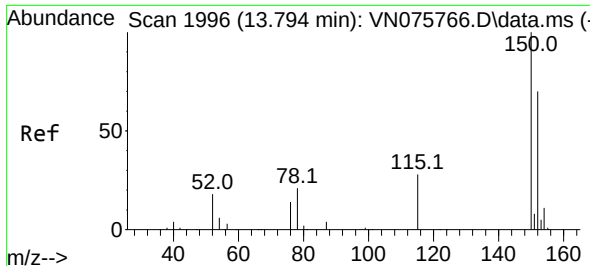
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#70
Styrene
Concen: 1.730 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

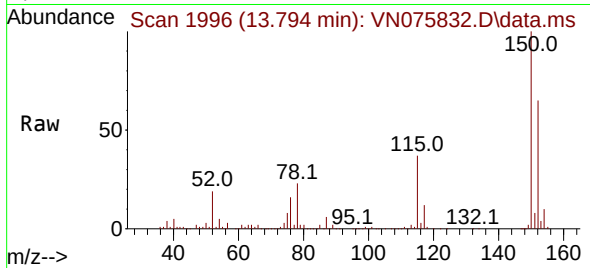
Tgt Ion:104 Resp: 18926
Ion Ratio Lower Upper
104 100
78 48.0 37.5 56.3
103 56.6 43.5 65.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075832.D
 Acq: 15 Dec 2022 20:59

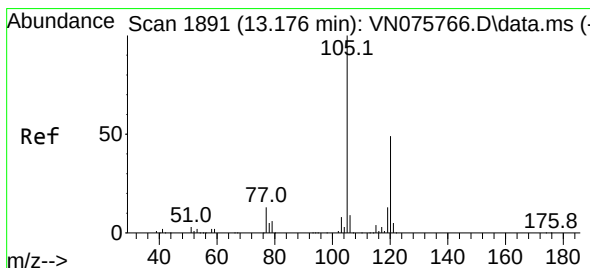
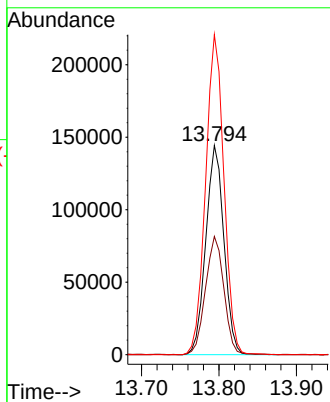
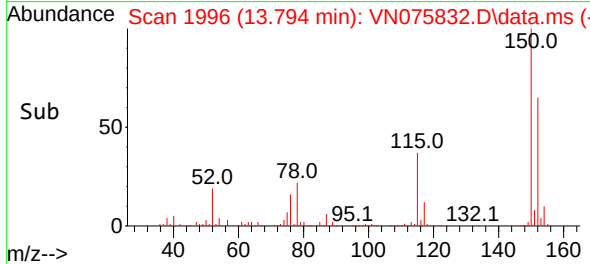
Instrument :
 MSVOA_N
 ClientSampleId :
 ORA-597



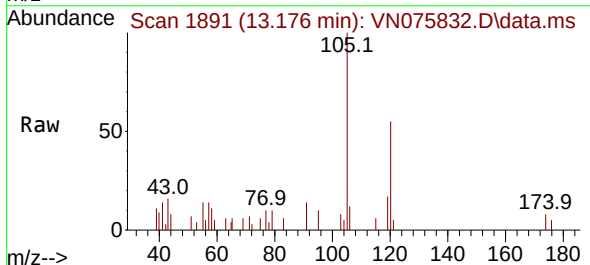
Tgt Ion:152 Resp: 234479
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.1 87.4
 150 154.5 0.0 347.0

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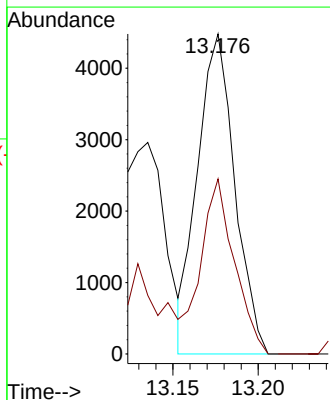
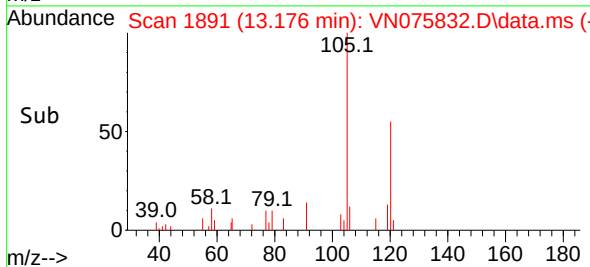
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

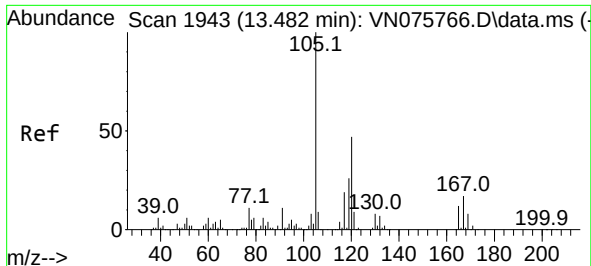


#80
 1,3,5-Trimethylbenzene
 Concen: 0.479 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075832.D
 Acq: 15 Dec 2022 20:59



Tgt Ion:105 Resp: 6795
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.7 74.1





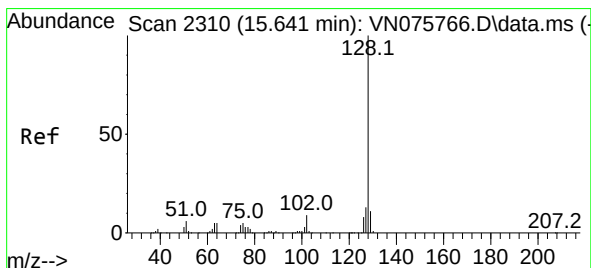
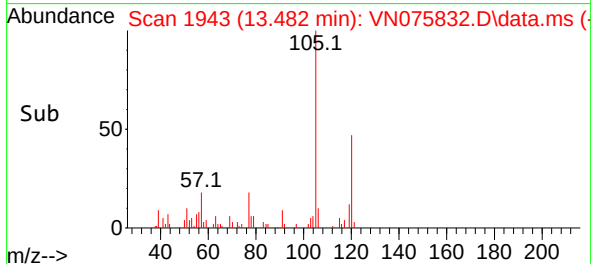
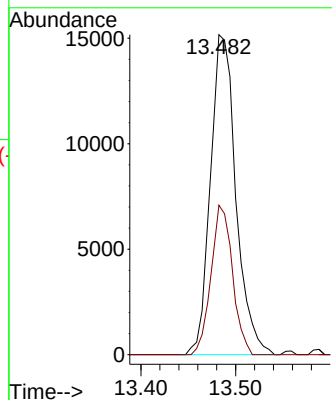
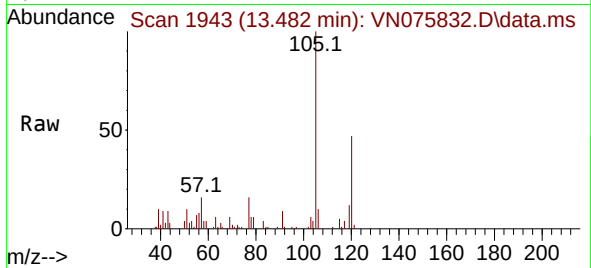
#84
1,2,4-Trimethylbenzene
Concen: 2.017 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Instrument :
MSVOA_N
ClientSampleId :
ORA-597

Tgt Ion:105 Resp: 2838
Ion Ratio Lower Upper
105 100
120 39.3 23.3 69.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 7.356 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075832.D
Acq: 15 Dec 2022 20:59

Tgt Ion:128 Resp: 69098
Ion Ratio Lower Upper
128 100
127 14.7 10.4 15.6
129 12.9 8.7 13.1

