

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078382.D
 Acq On : 23 Jun 2023 16:51
 Operator : JC\MD
 Sample : 03395-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 24 01:23:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	74409	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	418905	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	358185	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	169035	30.167	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	100.567%		
60) 4-Bromofluorobenzene	12.859	95	131150	25.989	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	86.633%		
63) Toluene-d8	10.571	98	501938	28.922	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.400%		
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	435280	866.037	ug/l	93
30) 2-Butanone	7.494	43	159509	70.078	ug/l #	97
58) 4-Methyl-2-Pentanone	10.453	43	33525	7.009	ug/l	98
62) Toluene	10.635	91	6195547	297.206	ug/l	100
66) Ethyl Benzene	11.970	91	5954	0.281	ug/l	95
67) m/p-Xylenes	12.059	106	5641m	0.703	ug/l	
68) o-Xylene	12.406	106	1999	0.257	ug/l	96
80) 1,2,4-Trimethylbenzene	13.494	105	4419	0.295	ug/l	98
82) p-Isopropyltoluene	13.735	119	42340	3.237	ug/l	98

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

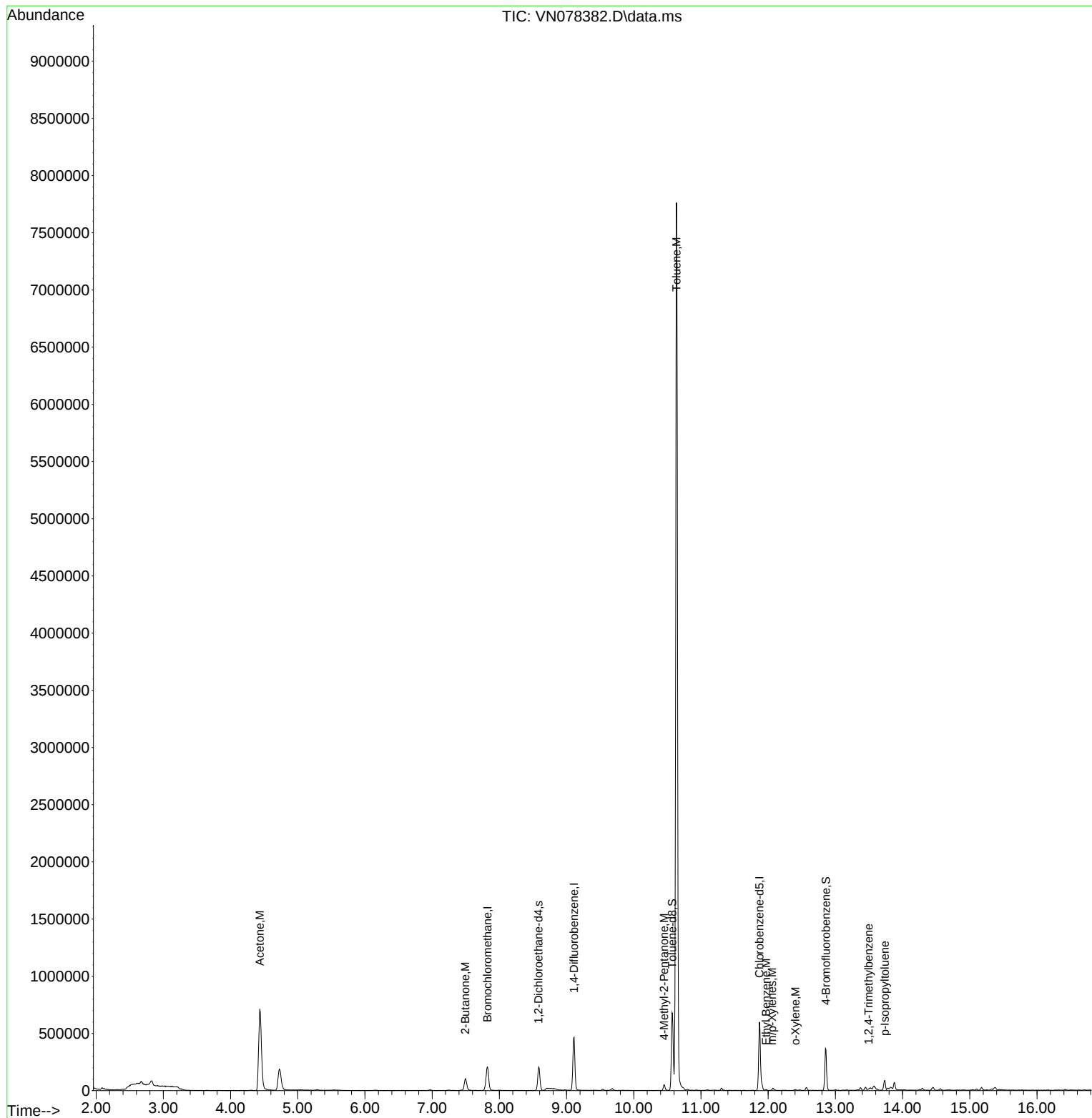
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
Data File : VN078382.D
Acq On : 23 Jun 2023 16:51
Operator : JC\MD
Sample : 03395-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

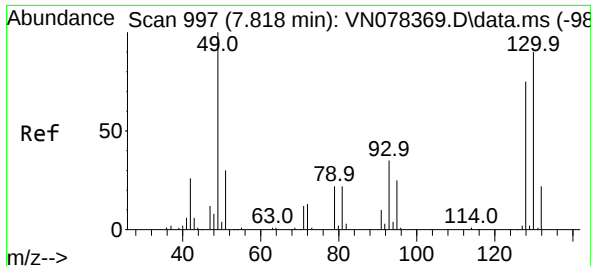
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/24/2023
Supervised By : Mahesh Dadoda 06/26/2023

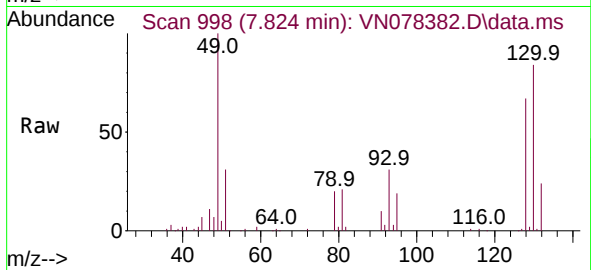
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 24 00:59:50 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

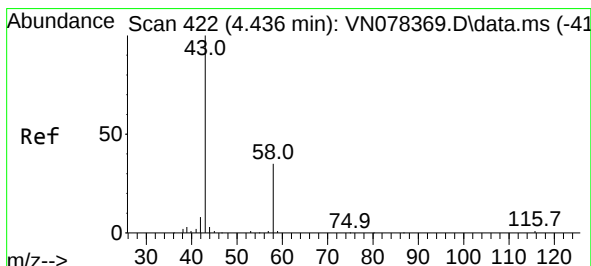
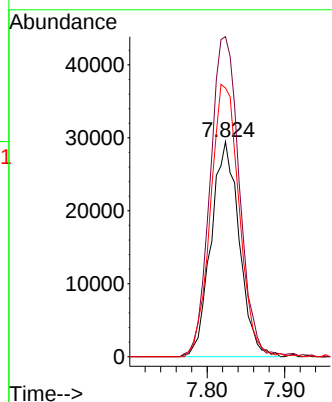
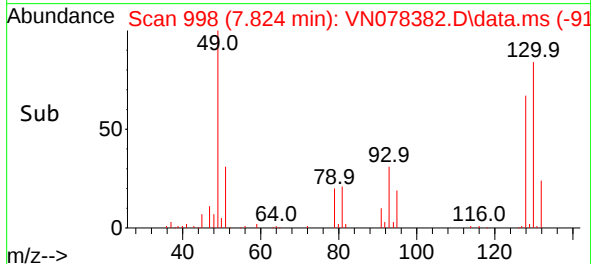
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)



Tgt Ion:128 Resp: 74409
Ion Ratio Lower Upper
128 100
49 153.2 0.0 370.8
130 129.0 0.0 307.0

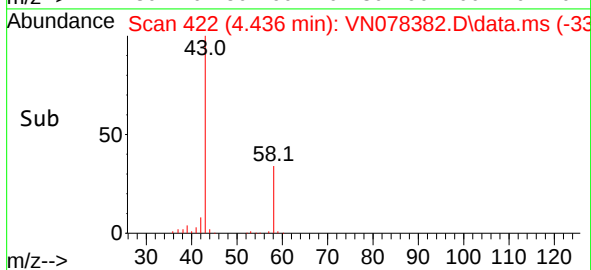
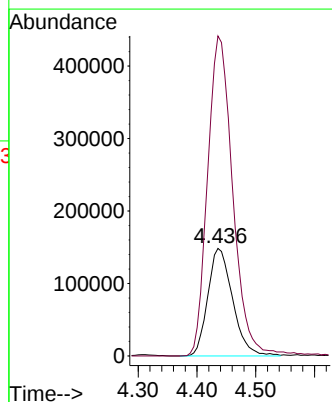
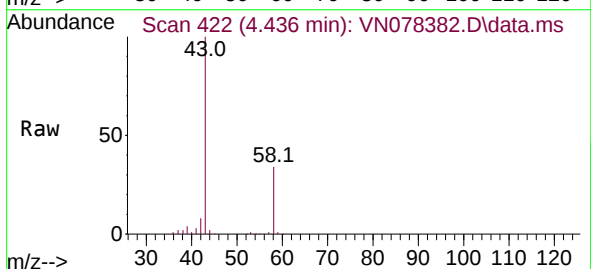
Manual Integrations
APPROVED

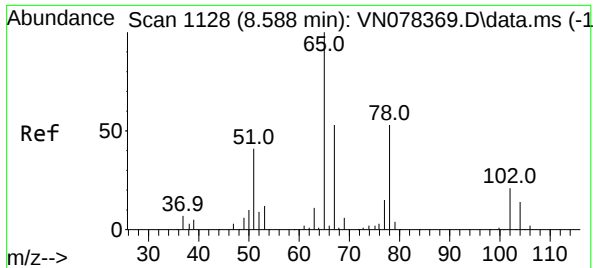
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#15
Acetone
Concen: 866.037 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

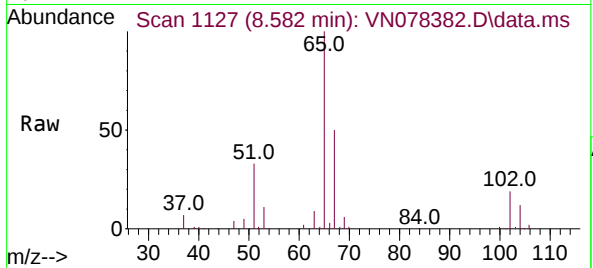
Tgt Ion: 58 Resp: 435280
Ion Ratio Lower Upper
58 100
43 297.4 227.5 341.3





#27
1,2-Dichloroethane-d4
Concen: 30.167 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

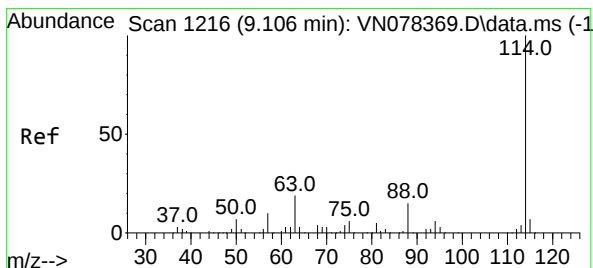
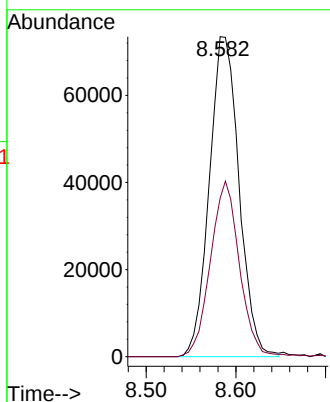
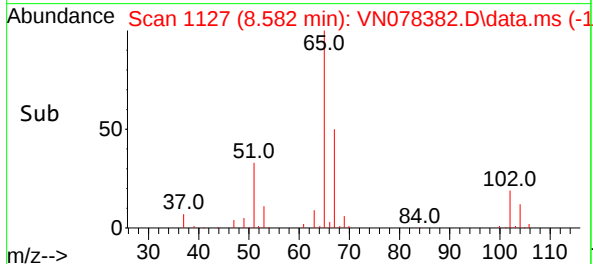
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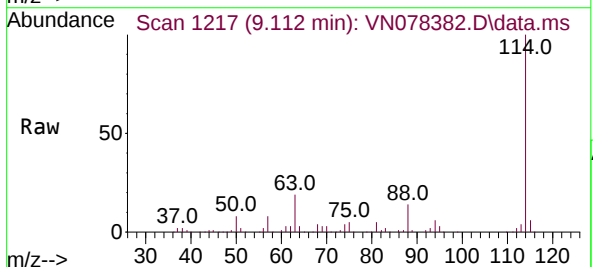
Tgt Ion: 65 Resp: 16903
Ion Ratio Lower Upper
65 100
67 53.7 42.9 64.3

Manual Integrations
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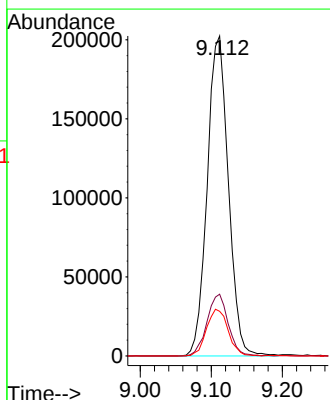
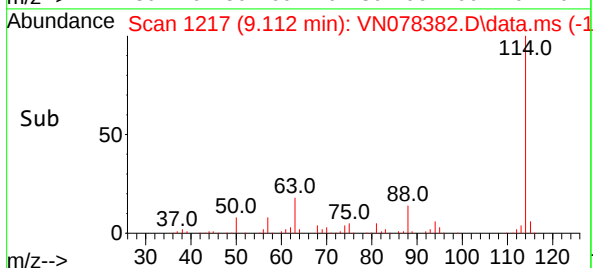
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

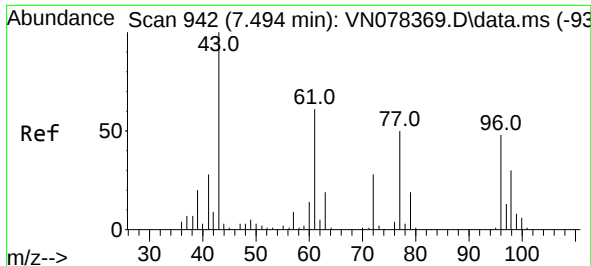


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51



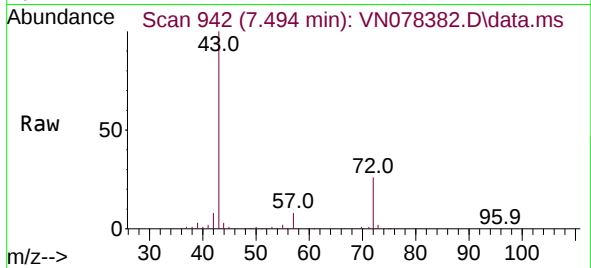
Tgt Ion:114 Resp: 418905
Ion Ratio Lower Upper
114 100
63 19.3 15.2 22.8
88 14.9 12.5 18.7





#30
2-Butanone
Concen: 70.078 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

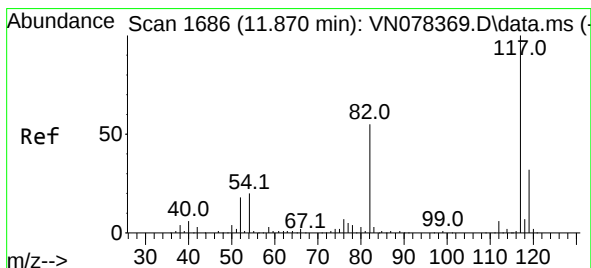
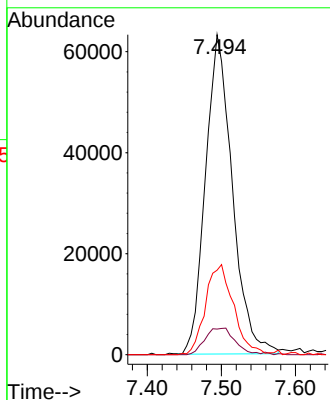
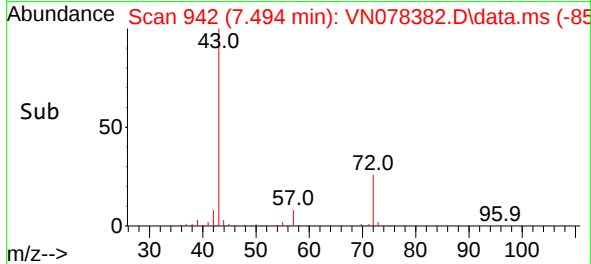
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)



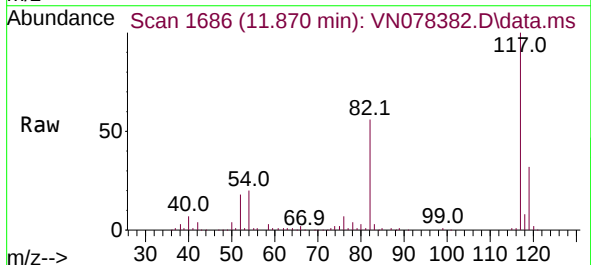
Tgt Ion: 43 Resp: 159509
Ion Ratio Lower Upper
43 100
57 4.4 6.8 10.2
72 29.3 23.8 35.6

Manual Integrations
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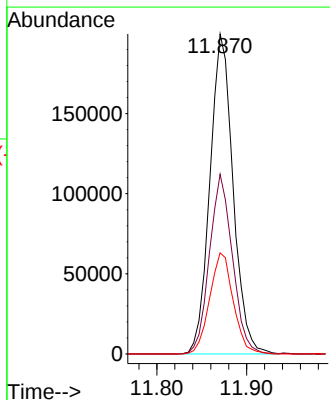
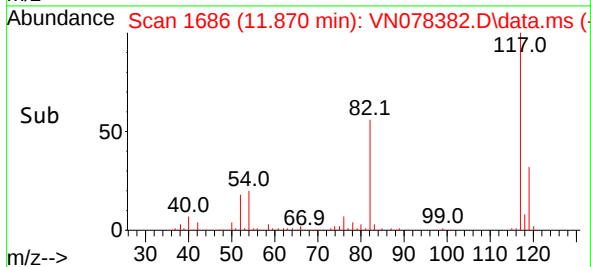
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

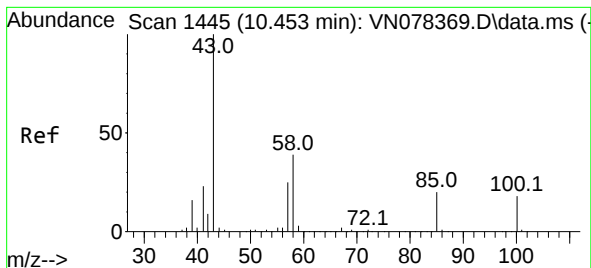


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51



Tgt Ion:117 Resp: 358185
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 32.1 26.2 39.4





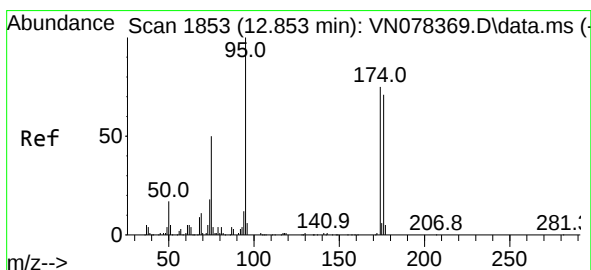
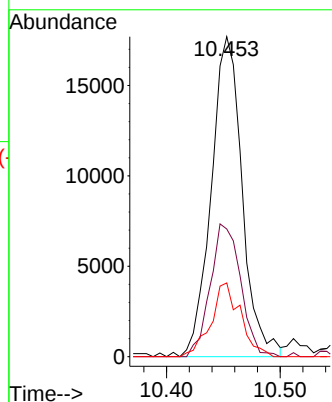
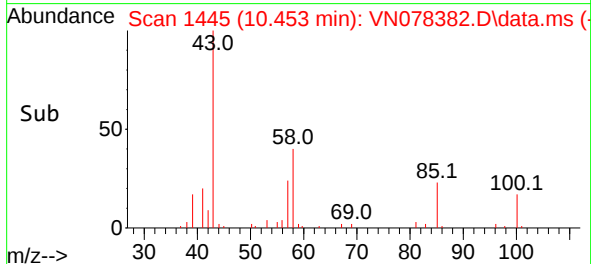
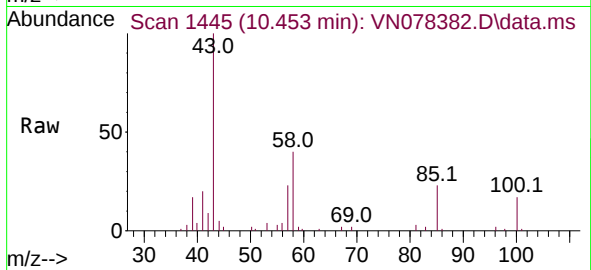
#58
4-Methyl-2-Pentanone
Concen: 7.009 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 40.5 32.6 48.8
85 22.0 16.2 24.2

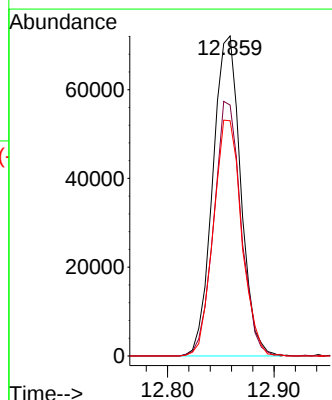
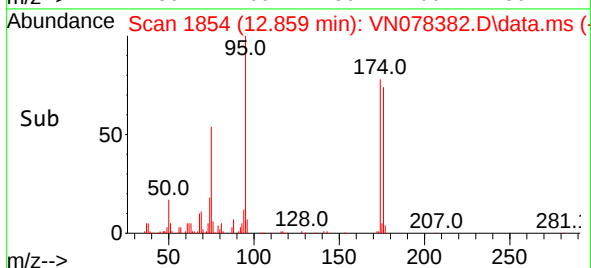
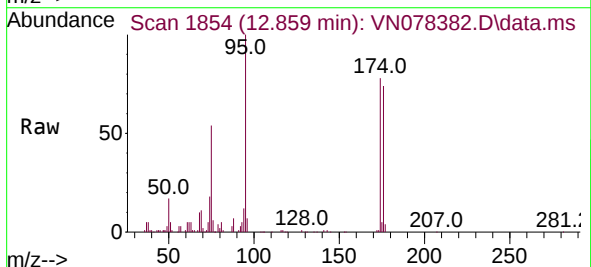
Manual Integrations
APPROVED

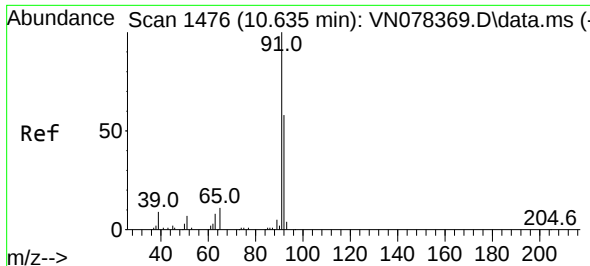
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
4-Bromofluorobenzene
Concen: 25.989 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

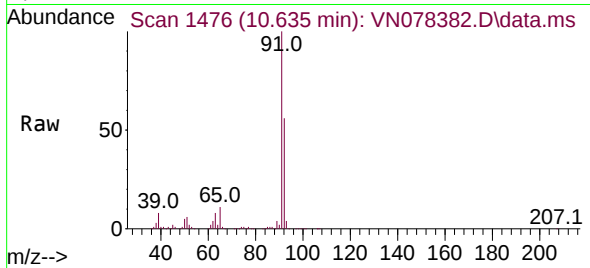
Tgt Ion: 95 Resp: 131150
Ion Ratio Lower Upper
95 100
174 77.6 61.7 92.5
176 74.5 58.1 87.1





#62
Toluene
Concen: 297.206 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

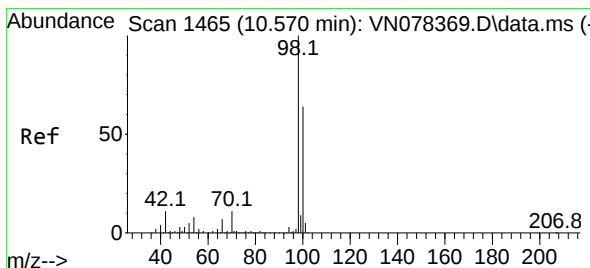
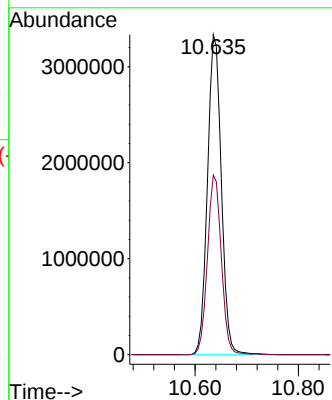
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)



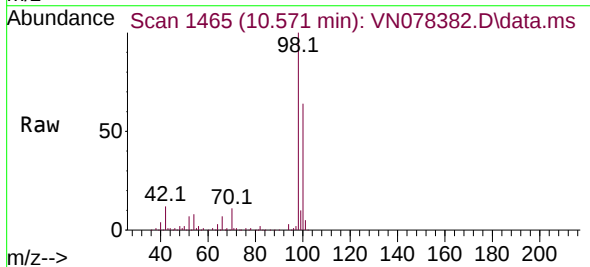
Tgt Ion: 91 Resp: 619554
Ion Ratio Lower Upper
91 100
92 56.1 45.2 67.8

Manual Integrations
APPROVED

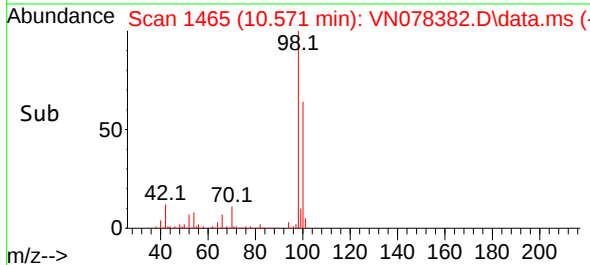
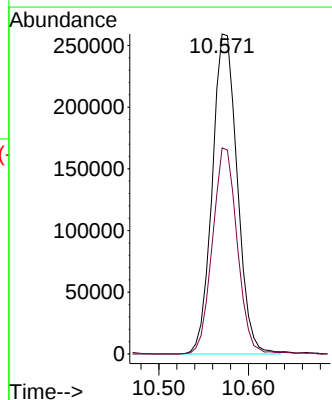
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

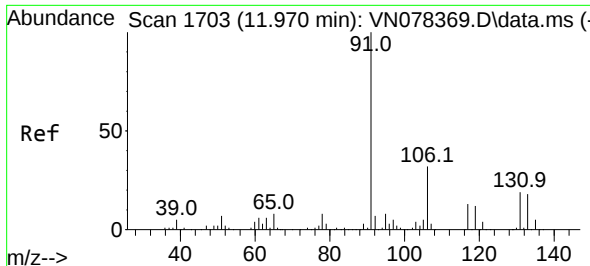


#63
Toluene-d8
Concen: 28.922 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51



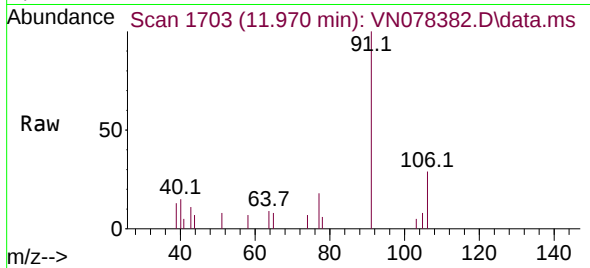
Tgt Ion: 98 Resp: 501938
Ion Ratio Lower Upper
98 100
100 63.3 49.7 74.5





#66
Ethyl Benzene
Concen: 0.281 ug/l
RT: 11.970 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

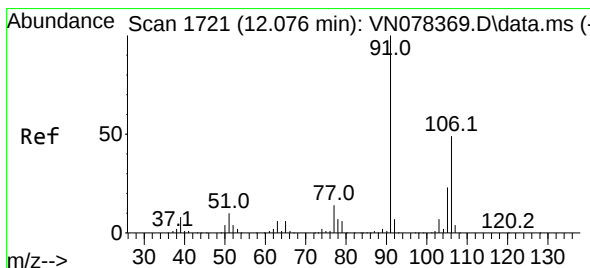
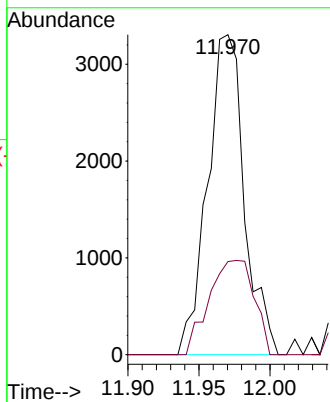
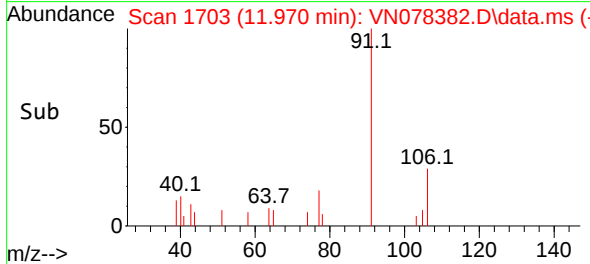
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)



Tgt Ion: 91 Resp: 5954
Ion Ratio Lower Upper
91 100
106 29.1 25.6 38.4

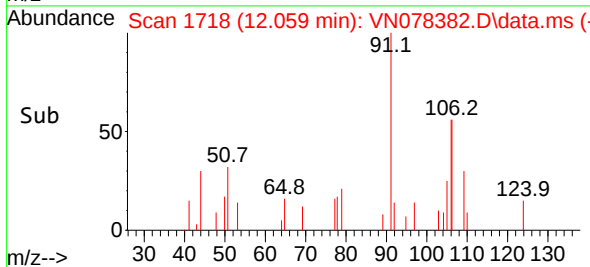
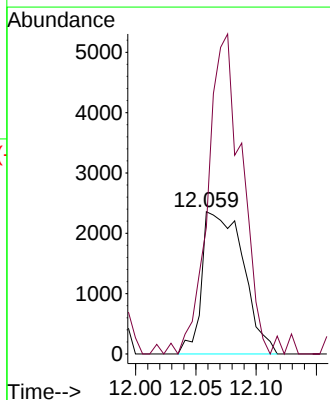
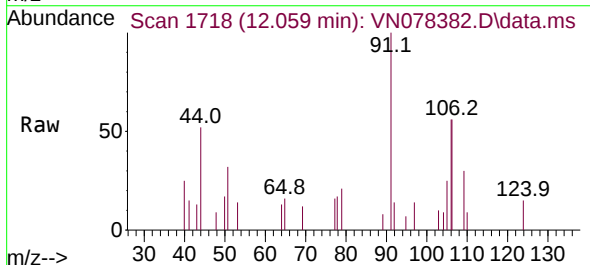
Manual Integrations
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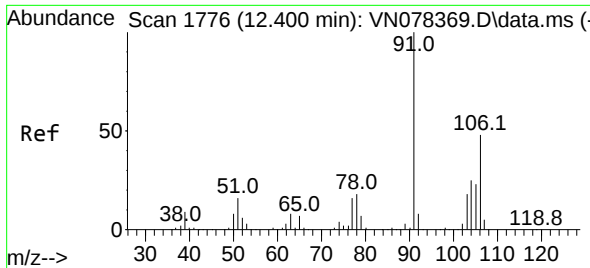
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#67
m/p-Xylenes
Concen: 0.703 ug/l m
RT: 12.059 min Scan# 1718
Delta R.T. -0.018 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

Tgt Ion:106 Resp: 5641
Ion Ratio Lower Upper
106 100
91 77.5 162.5 243.7#





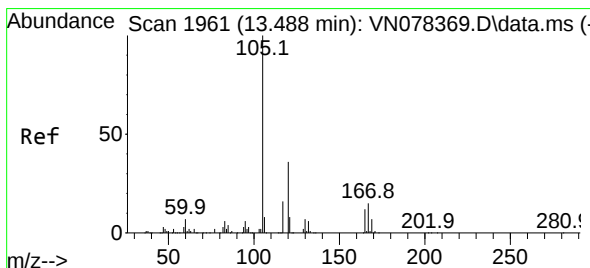
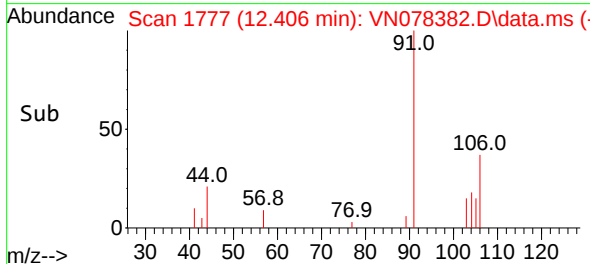
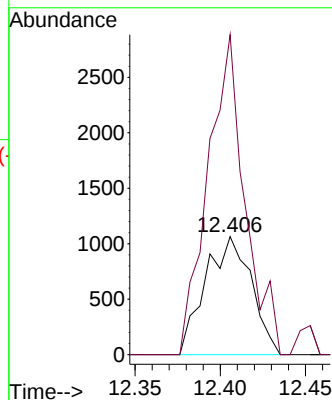
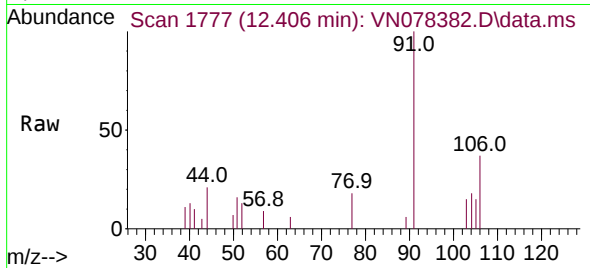
#68
o-Xylene
Concen: 0.257 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

Tgt Ion:106 Resp: 1998
Ion Ratio Lower Upper
106 100
91 218.8 106.1 318.3

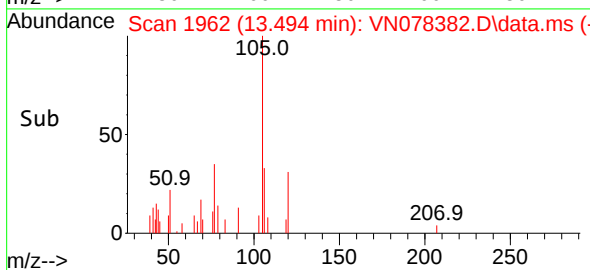
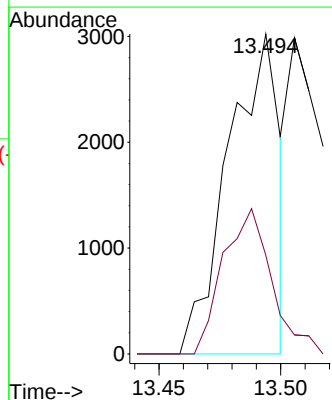
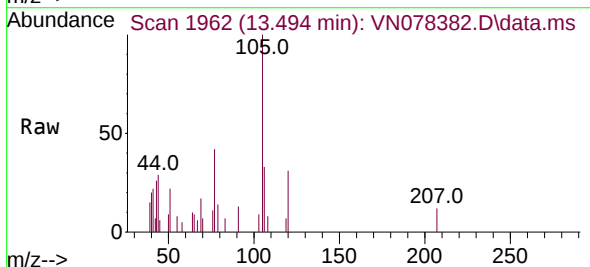
Manual Integrations
APPROVED

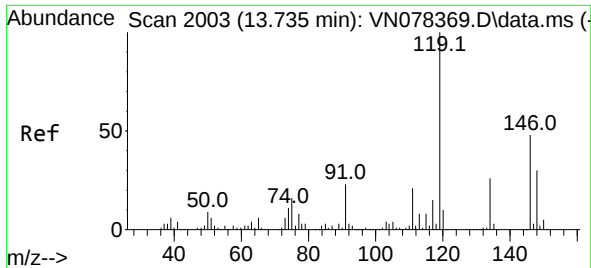
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 0.295 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN078382.D
Acq: 23 Jun 2023 16:51

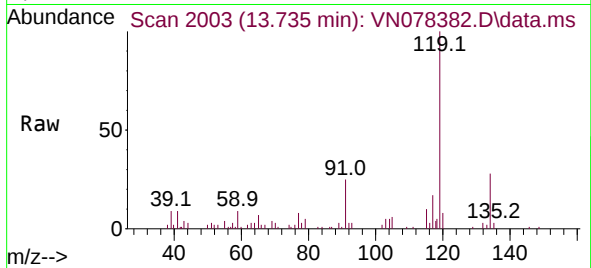
Tgt Ion:105 Resp: 4419
Ion Ratio Lower Upper
105 100
120 43.0 0.0 88.2





#82
 p-Isopropyltoluene
 Concen: 3.237 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078382.D
 Acq: 23 Jun 2023 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)



Tgt Ion:119	Resp:	42340
Ion Ratio	Lower	Upper
119	100	
134	27.1	0.0 52.4
91	25.5	0.0 48.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023

