

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078384.D
 Acq On : 23 Jun 2023 17:39
 Operator : JC\MD
 Sample : 03395-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 01:24:33 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	7.818	128	74280	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	421377	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	343376	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	174767	31.244	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.133%			
60) 4-Bromofluorobenzene	12.859	95	118804	24.558	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 81.867%			
63) Toluene-d8	10.576	98	500624	30.090	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.300%			
Target Compounds						
15) Acetone	4.447	58	35254	70.263	ug/l	Qvalue 100
30) 2-Butanone	7.512	43	13163m	5.749	ug/l	
58) 4-Methyl-2-Pentanone	10.447	43	2798m	0.610	ug/l	
62) Toluene	10.635	91	541178	27.080	ug/l	97
82) p-Isopropyltoluene	13.735	119	3699	0.295	ug/l	82

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

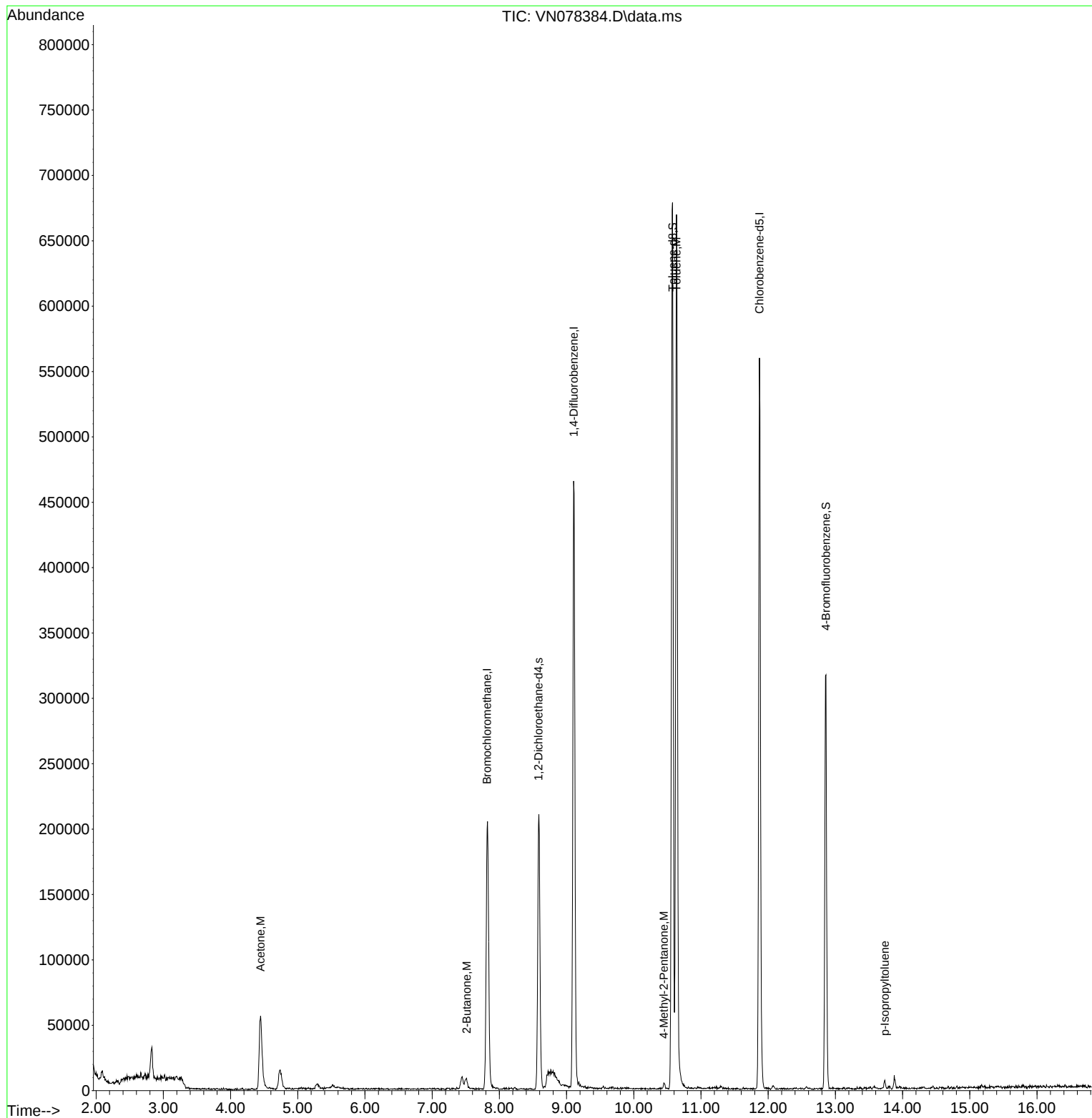
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
Data File : VN078384.D
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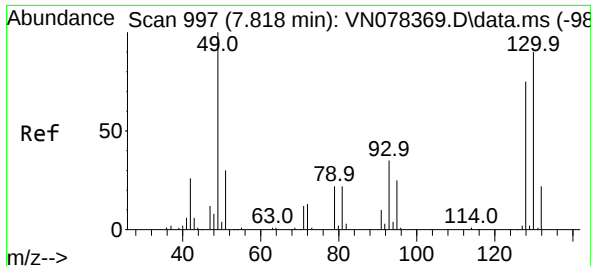
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL

Quant Time: Jun 24 01:24:33 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

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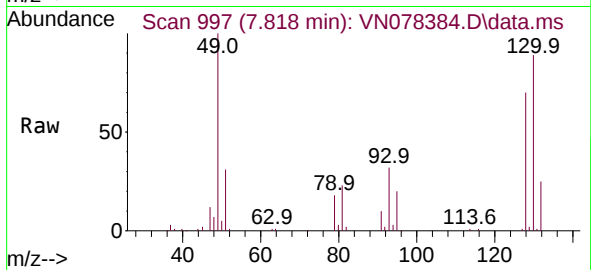
Reviewed By : John Carlone 06/24/2023
Supervised By : Mahesh Dadoda 06/26/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

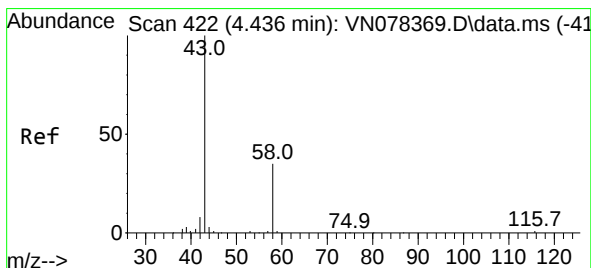
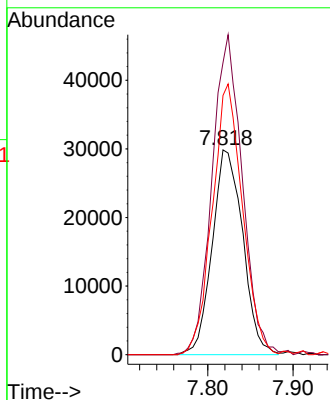
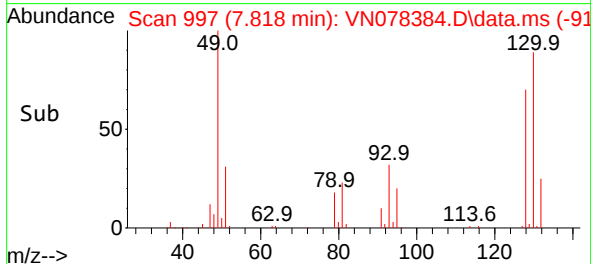
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL



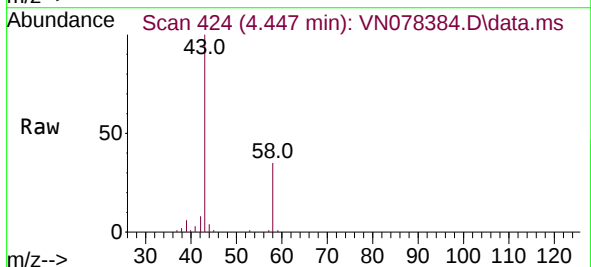
Tgt Ion:128 Resp: 74280
Ion Ratio Lower Upper
128 100
49 154.6 0.0 370.8
130 130.8 0.0 307.0

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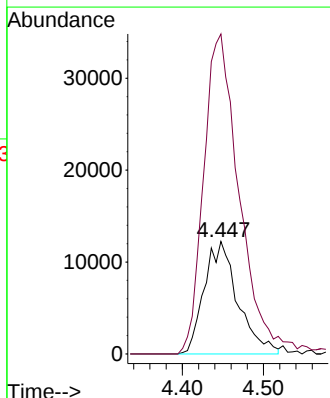
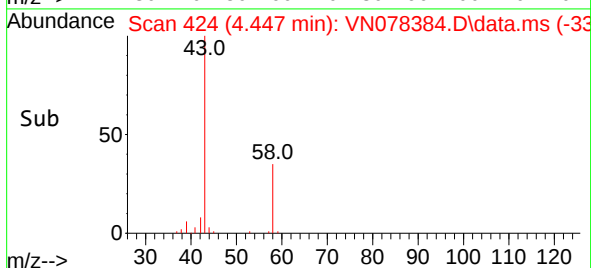
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

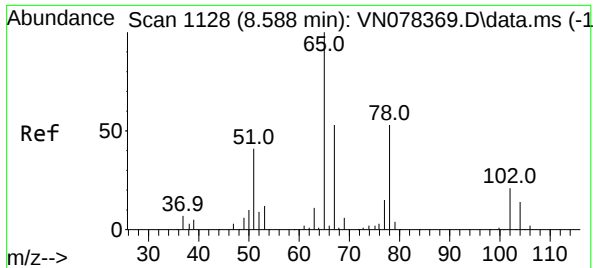


#15
Acetone
Concen: 70.263 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39



Tgt Ion: 58 Resp: 35254
Ion Ratio Lower Upper
58 100
43 284.4 227.5 341.3





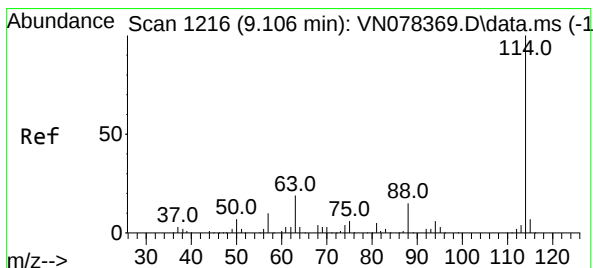
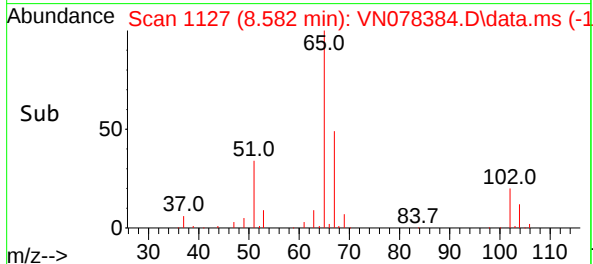
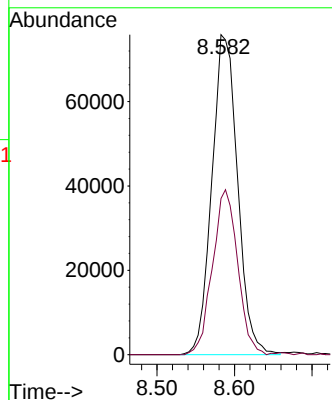
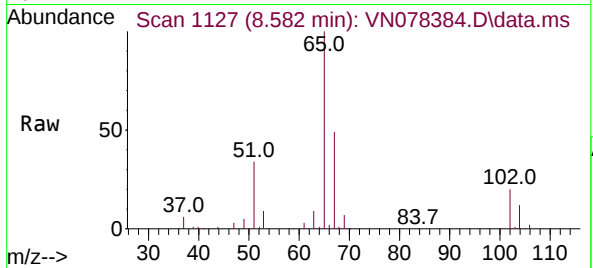
#27
1,2-Dichloroethane-d4
Concen: 31.244 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

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

Tgt Ion: 65 Resp: 17476
Ion Ratio Lower Upper
65 100
67 50.5 42.9 64.3

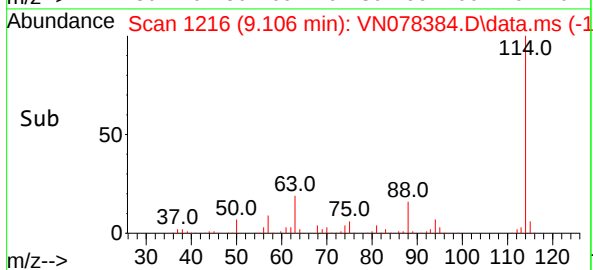
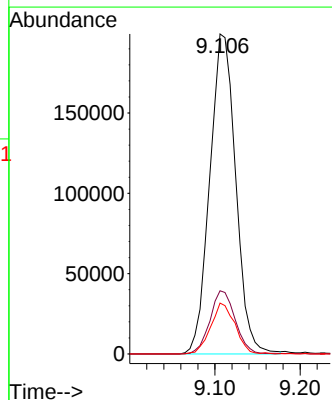
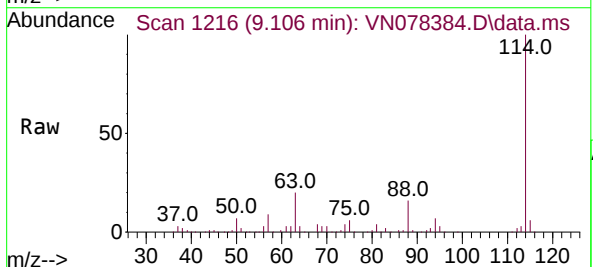
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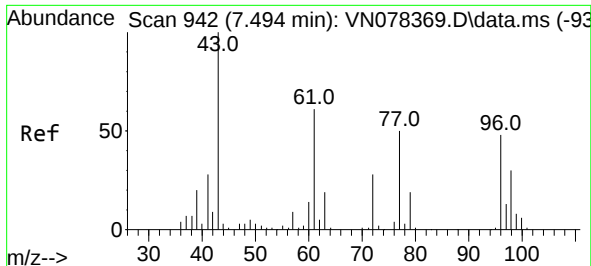
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

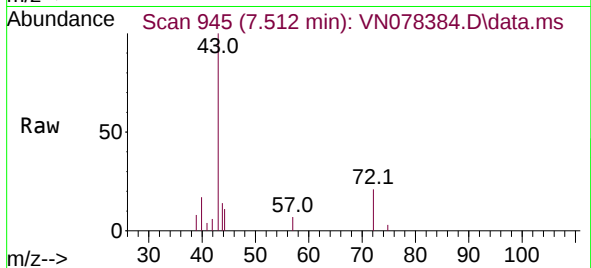
Tgt Ion:114 Resp: 421377
Ion Ratio Lower Upper
114 100
63 19.2 15.2 22.8
88 14.9 12.5 18.7





#30
2-Butanone
Concen: 5.749 ug/l m
RT: 7.512 min Scan# 945
Delta R.T. 0.018 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

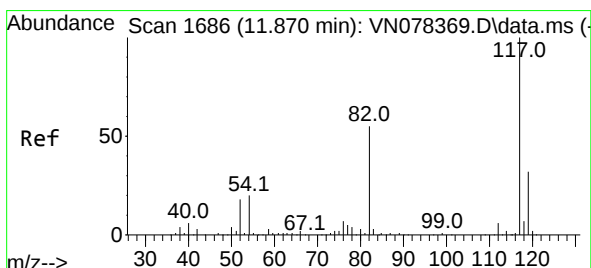
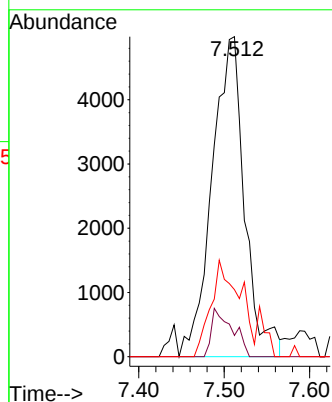
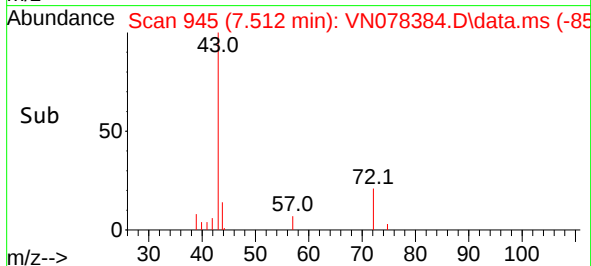
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)DL



Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
57 9.7 6.8 10.2
72 21.8 23.8 35.6

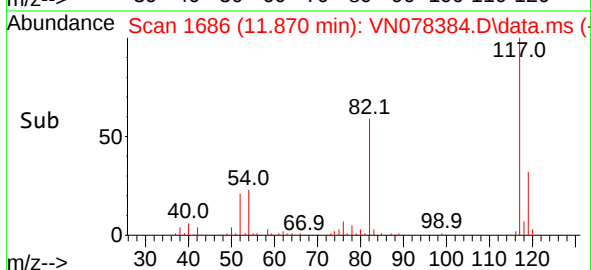
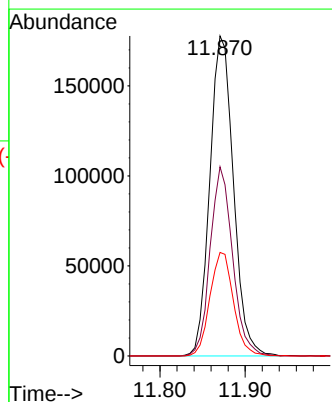
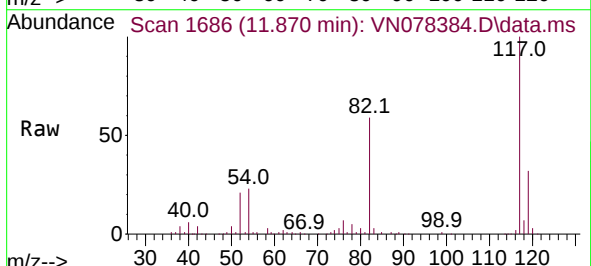
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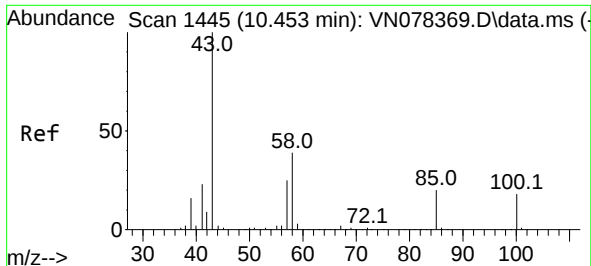
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

Tgt Ion:117 Resp: 343376
Ion Ratio Lower Upper
117 100
82 56.1 43.9 65.9
119 32.1 26.2 39.4





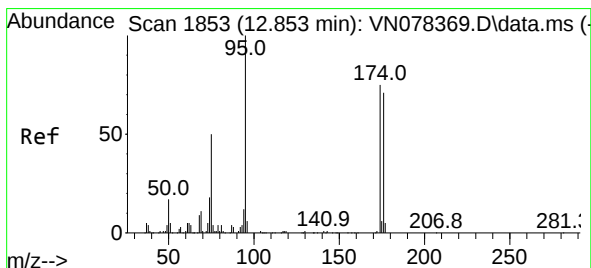
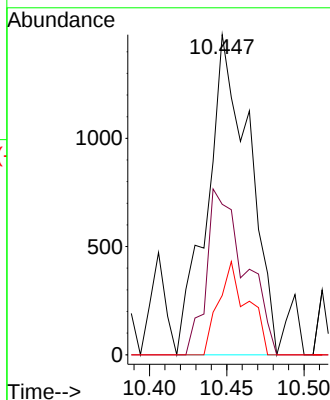
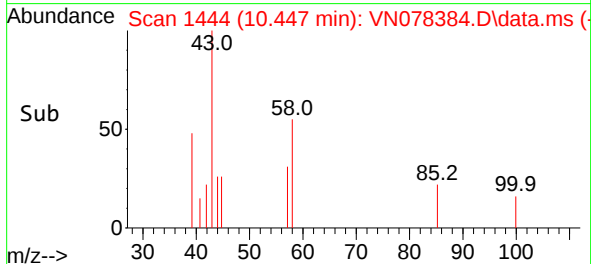
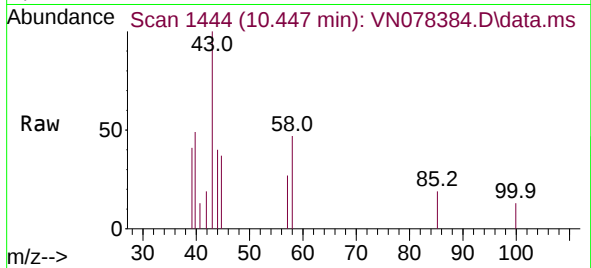
#58
4-Methyl-2-Pentanone
Concen: 0.610 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

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

Tgt Ion: 43 Resp: 2798
Ion Ratio Lower Upper
43 100
58 0.0 32.6 48.8
85 0.0 16.2 24.2

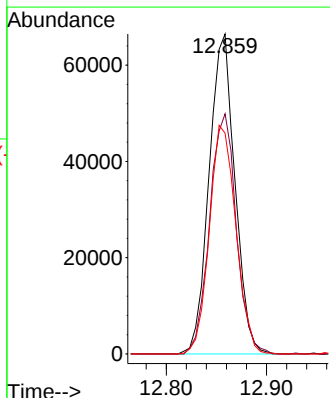
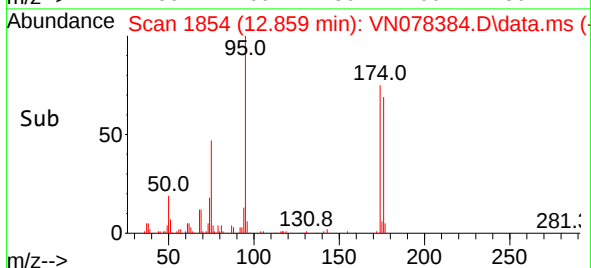
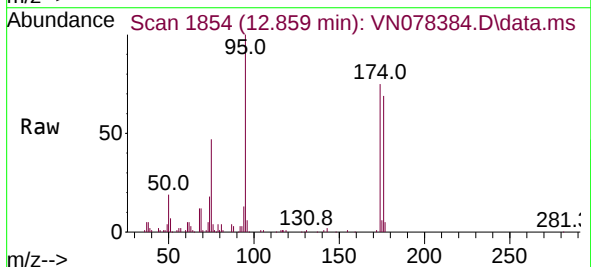
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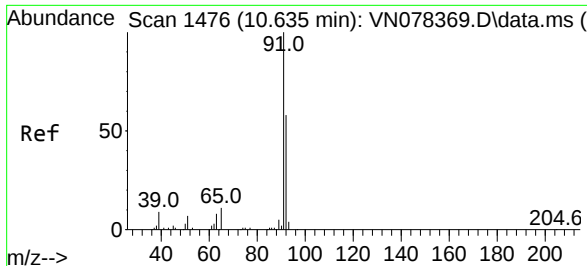
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
4-Bromofluorobenzene
Concen: 24.558 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

Tgt Ion: 95 Resp: 118804
Ion Ratio Lower Upper
95 100
174 77.3 61.7 92.5
176 73.5 58.1 87.1





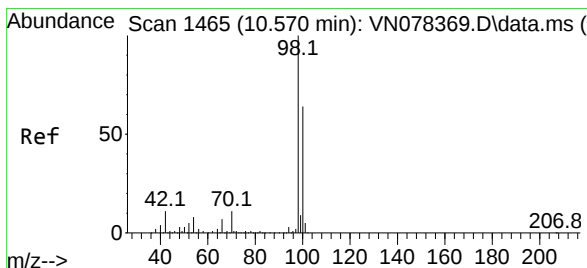
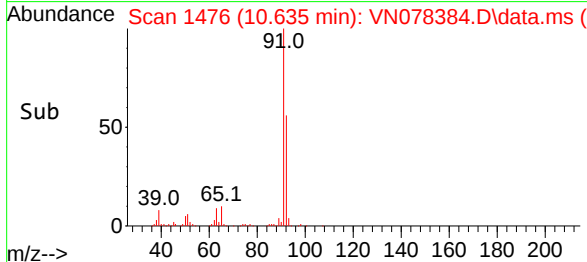
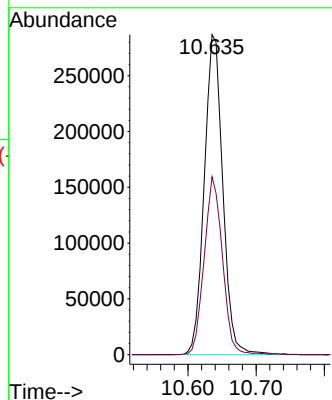
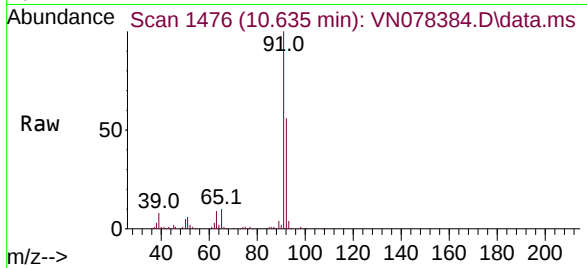
#62
Toluene
Concen: 27.080 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

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

Tgt Ion: 91 Resp: 541178
Ion Ratio Lower Upper
91 100
92 54.6 45.2 67.8

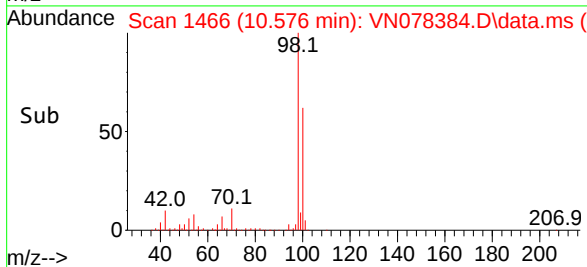
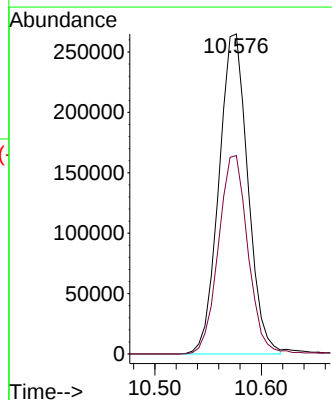
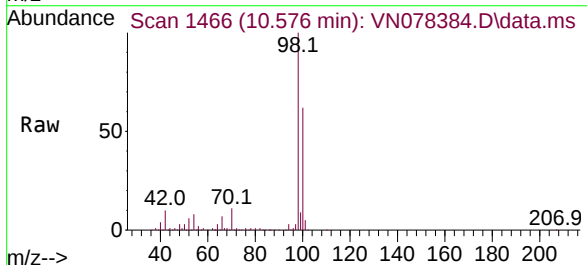
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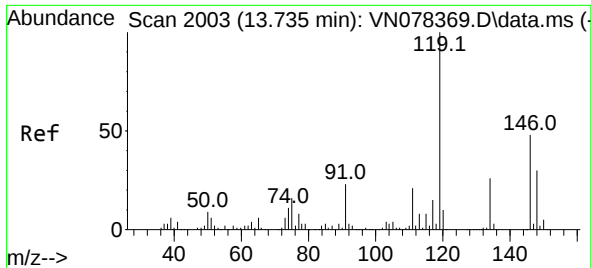
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#63
Toluene-d8
Concen: 30.090 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078384.D
Acq: 23 Jun 2023 17:39

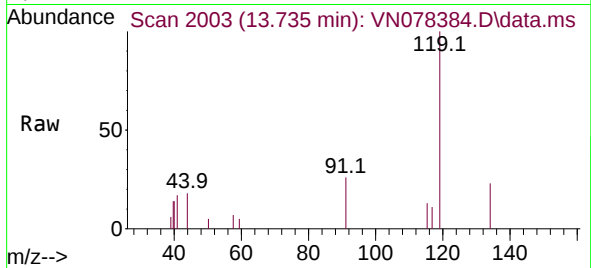
Tgt Ion: 98 Resp: 500624
Ion Ratio Lower Upper
98 100
100 63.0 49.7 74.5





#82
 p-Isopropyltoluene
 Concen: 0.295 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078384.D
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Instrument :
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Tgt Ion:119	Resp:	369
Ion	Ratio	Lower Upper
119	100	
134	18.8	0.0 52.4
91	35.0	0.0 48.2

Manual Integrations
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