

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079114.D
 Acq On : 30 Aug 2023 13:57
 Operator : JC\MD
 Sample : 04223-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:16:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	35526	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	179698	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	156165	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	89704	31.167	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.900%
60) 4-Bromofluorobenzene	12.853	95	52616	23.097	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.000%
63) Toluene-d8	10.571	98	221286	30.343	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.133%
Target Compounds						
						Qvalue
15) Acetone	4.448	58	3918m	11.016	ug/l	
25) Chloroform	7.977	83	11911	2.840	ug/l	93
58) 4-Methyl-2-Pentanone	10.453	43	8729	2.817	ug/l #	95

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

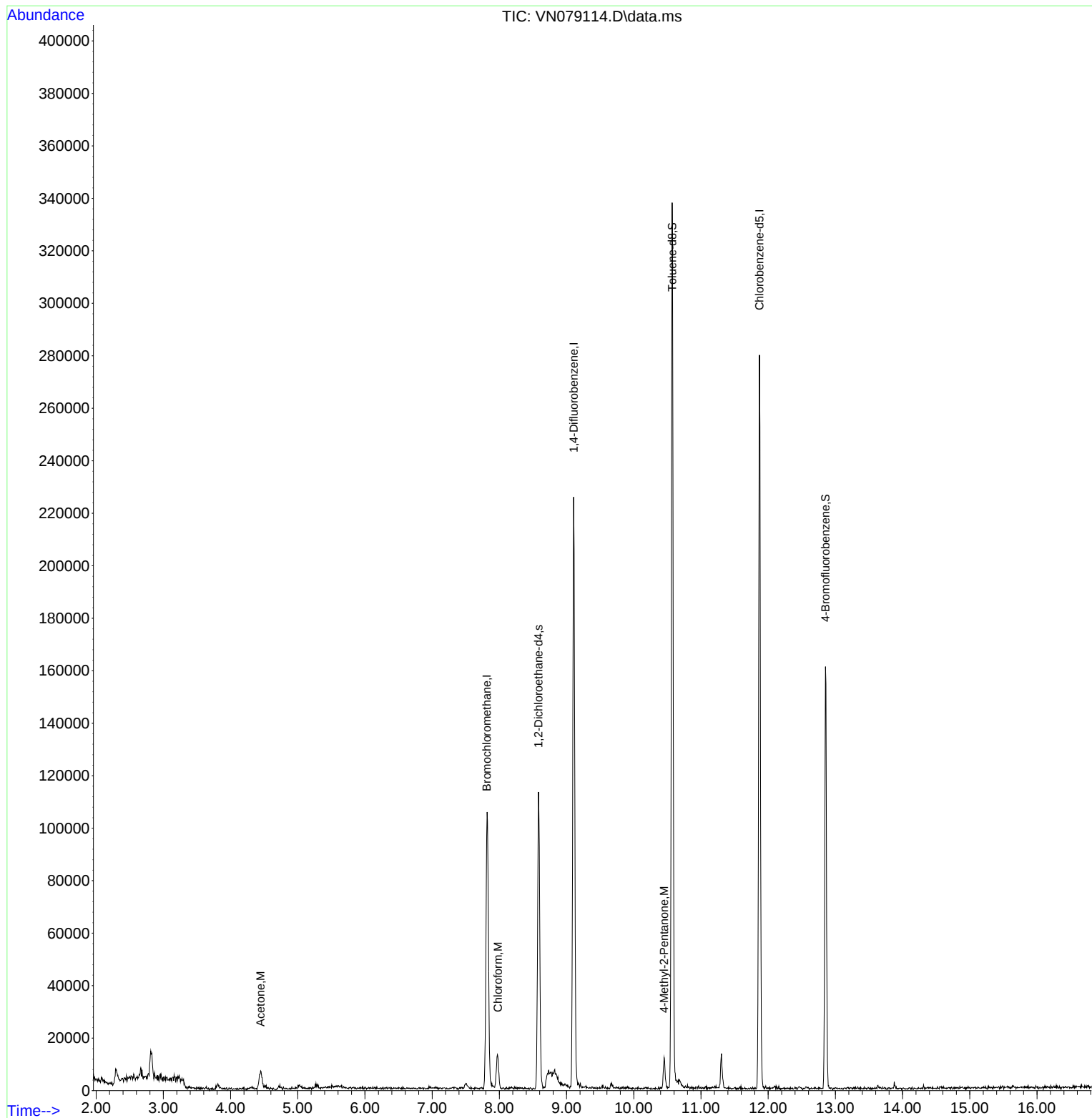
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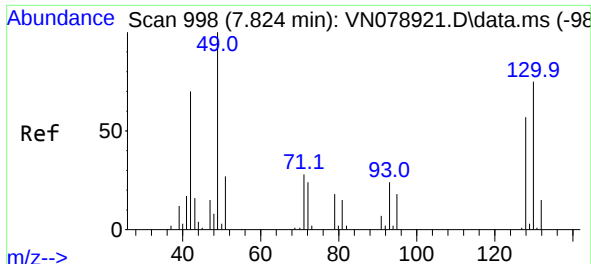
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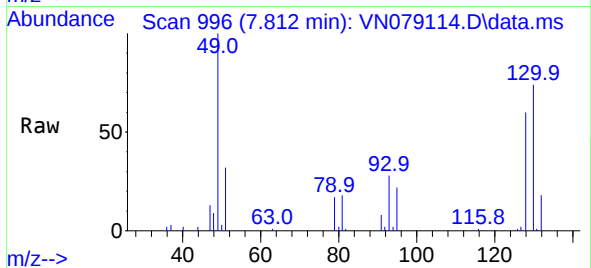
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57

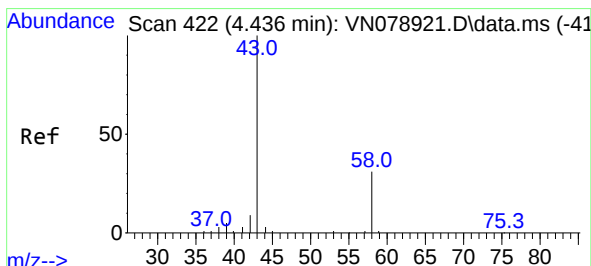
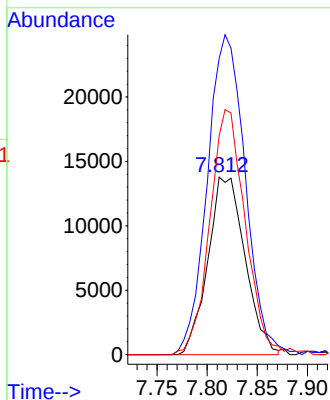
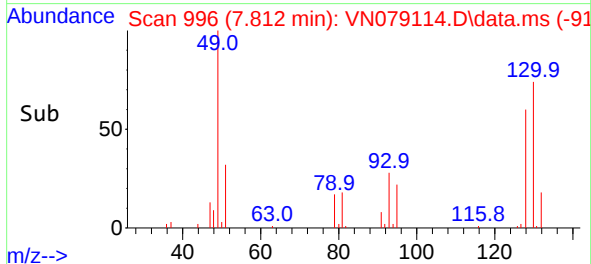
Instrument :
MSVOA_N
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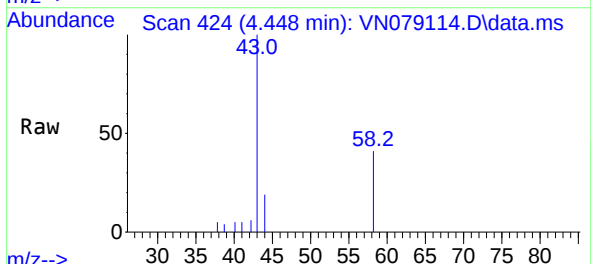
Tgt Ion:128 Resp: 35520
Ion Ratio Lower Upper
128 100
49 183.8 0.0 481.8
130 131.2 0.0 320.5

Manual Integrations
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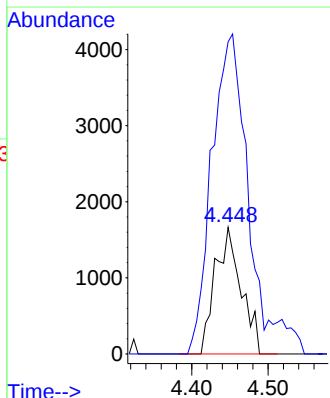
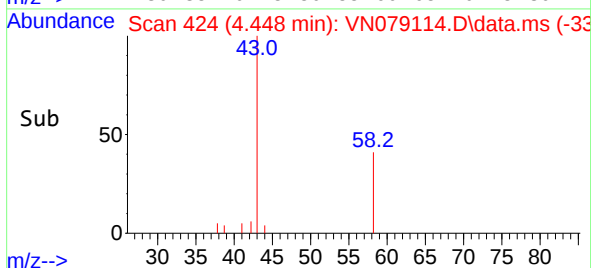
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

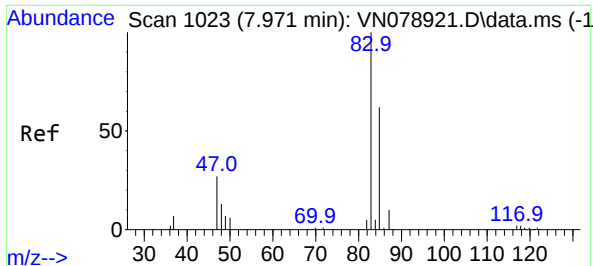


#15
Acetone
Concen: 11.016 ug/l m
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57



Tgt Ion: 58 Resp: 3918
Ion Ratio Lower Upper
58 100
43 246.5 260.6 390.8#





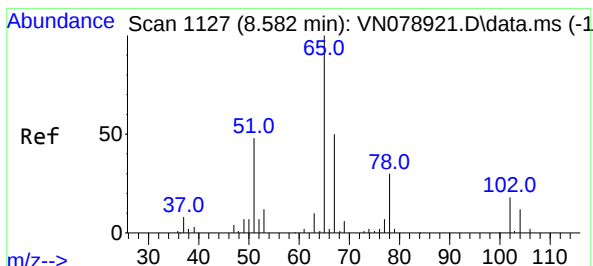
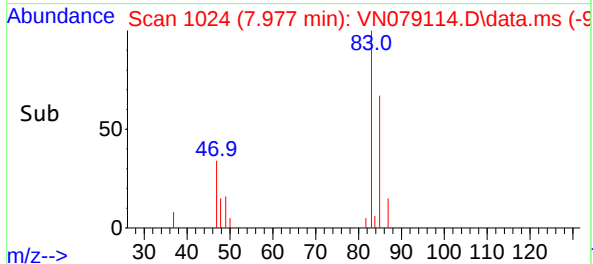
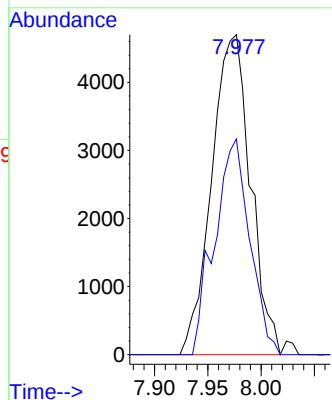
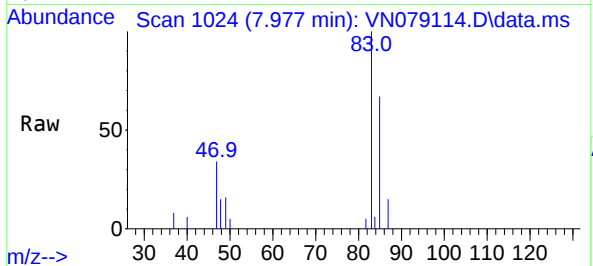
#25
Chloroform
Concen: 2.840 ug/l
RT: 7.977 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57

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

Tgt Ion: 83 Resp: 1191
Ion Ratio Lower Upper
83 100
85 67.4 49.6 74.4

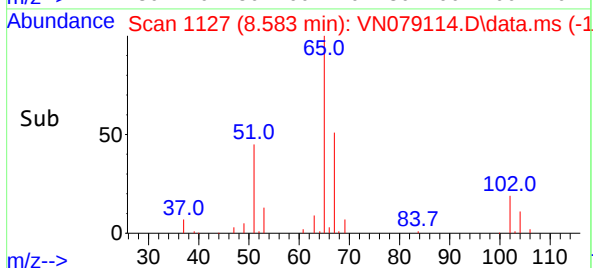
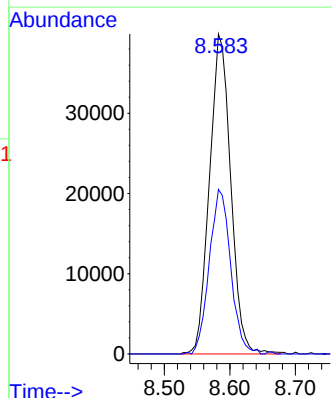
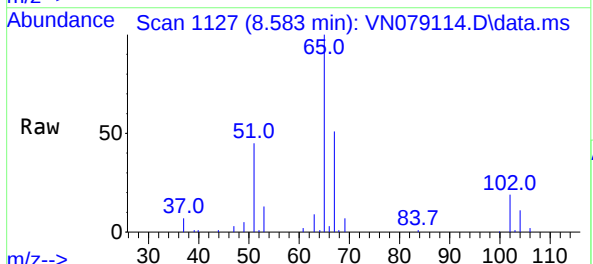
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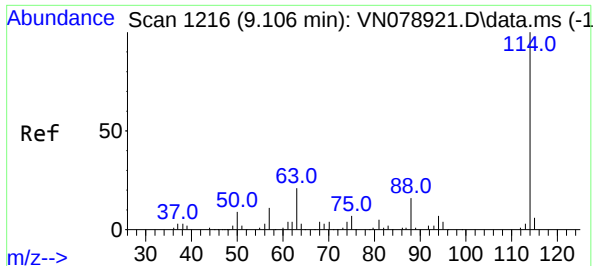
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#27
1,2-Dichloroethane-d4
Concen: 31.167 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57

Tgt Ion: 65 Resp: 89704
Ion Ratio Lower Upper
65 100
67 51.5 40.7 61.1





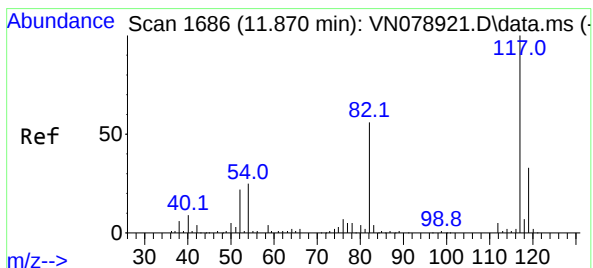
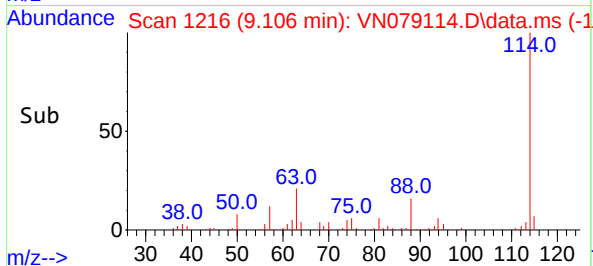
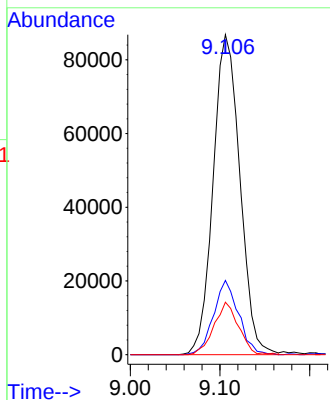
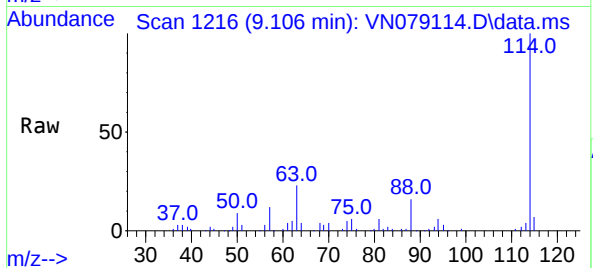
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57

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

Tgt Ion:114 Resp: 179698
Ion Ratio Lower Upper
114 100
63 21.8 17.4 26.2
88 14.9 12.0 18.0

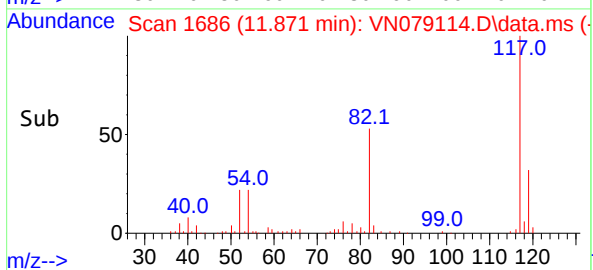
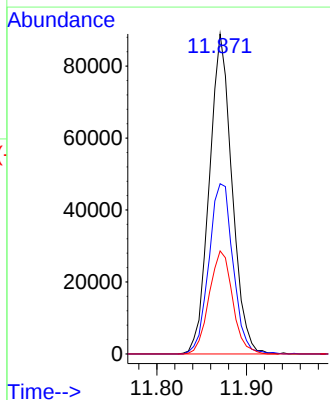
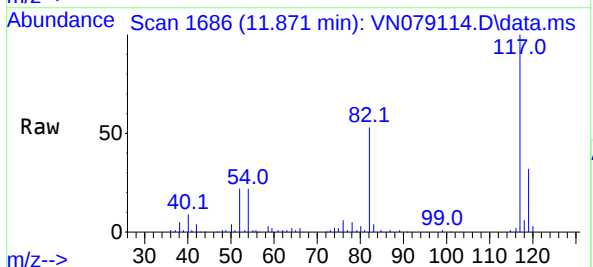
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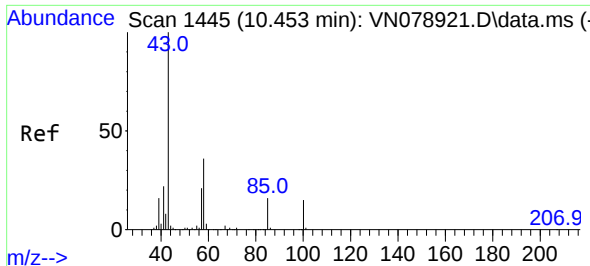
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57

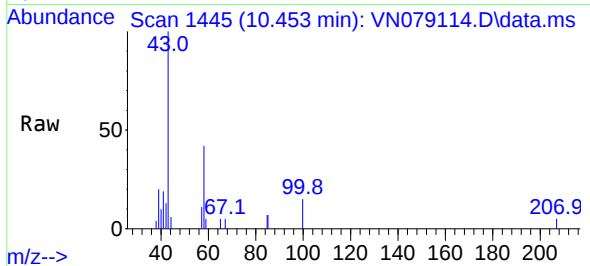
Tgt Ion:117 Resp: 156165
Ion Ratio Lower Upper
117 100
82 56.7 43.4 65.0
119 33.2 25.5 38.3





#58
4-Methyl-2-Pentanone
Concen: 2.817 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57

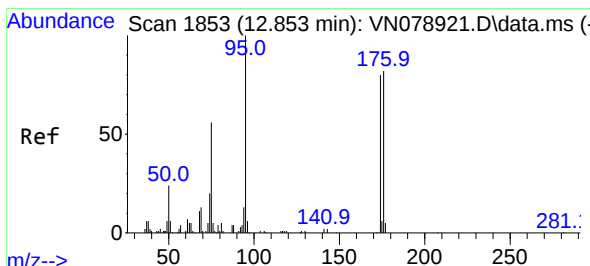
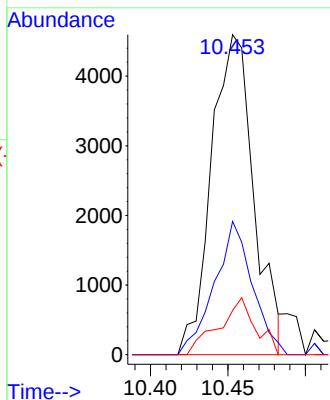
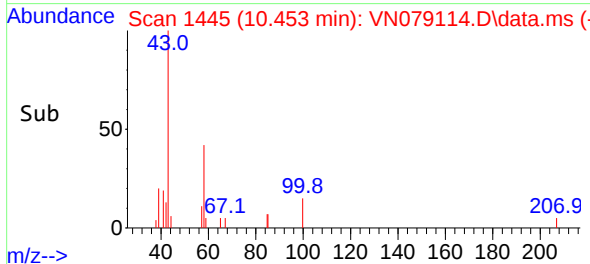
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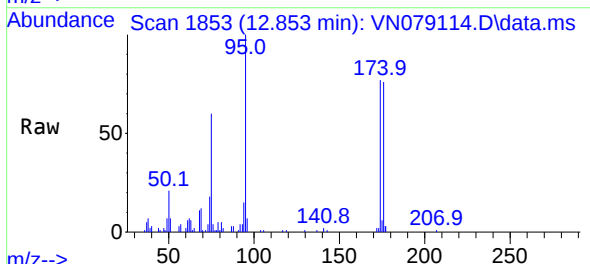
Tgt Ion: 43 Resp: 8729
Ion Ratio Lower Upper
43 100
58 37.4 28.8 43.2
85 11.8 12.7 19.1

Manual Integrations
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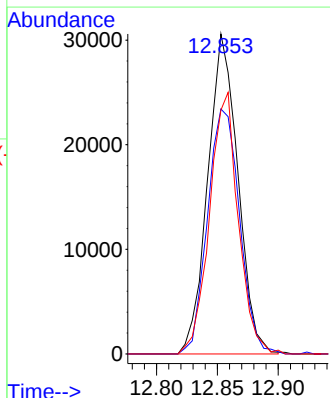
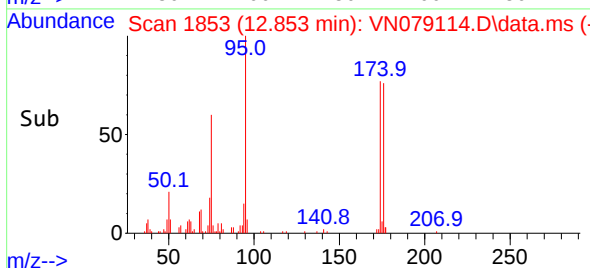
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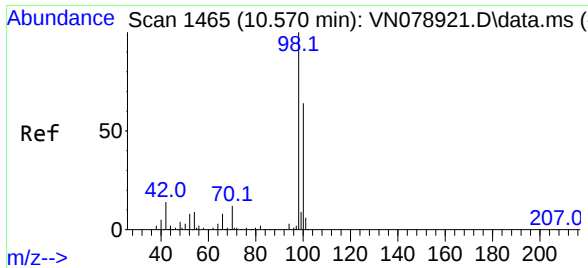


#60
4-Bromofluorobenzene
Concen: 23.097 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57



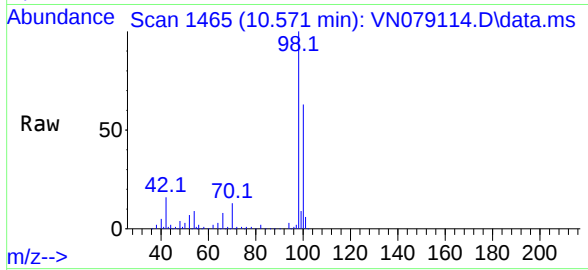
Tgt Ion: 95 Resp: 52616
Ion Ratio Lower Upper
95 100
174 81.5 64.8 97.2
176 77.9 63.0 94.6





#63
Toluene-d8
Concen: 30.343 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079114.D
Acq: 30 Aug 2023 13:57

Instrument :
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Tgt Ion: 98 Resp: 221280
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7

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