

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079311.D
 Acq On : 20 Sep 2023 15:26
 Operator : JC\MD
 Sample : 04474-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 H-2313-SOIL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 01:57:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	165824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	283573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	129995	58.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	116.140%		
35) Dibromofluoromethane	8.171	113	100897	49.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.571	98	366627	48.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.853	95	111527	46.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.360%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	29113	30.623	ug/l	88
20) Methylene Chloride	5.283	84	12620m	5.455	ug/l	
25) 2-Butanone	7.495	43	11345	8.225	ug/l #	82
43) Isopropyl Acetate	8.695	43	98521	19.252	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	24808	8.351	ug/l #	79

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

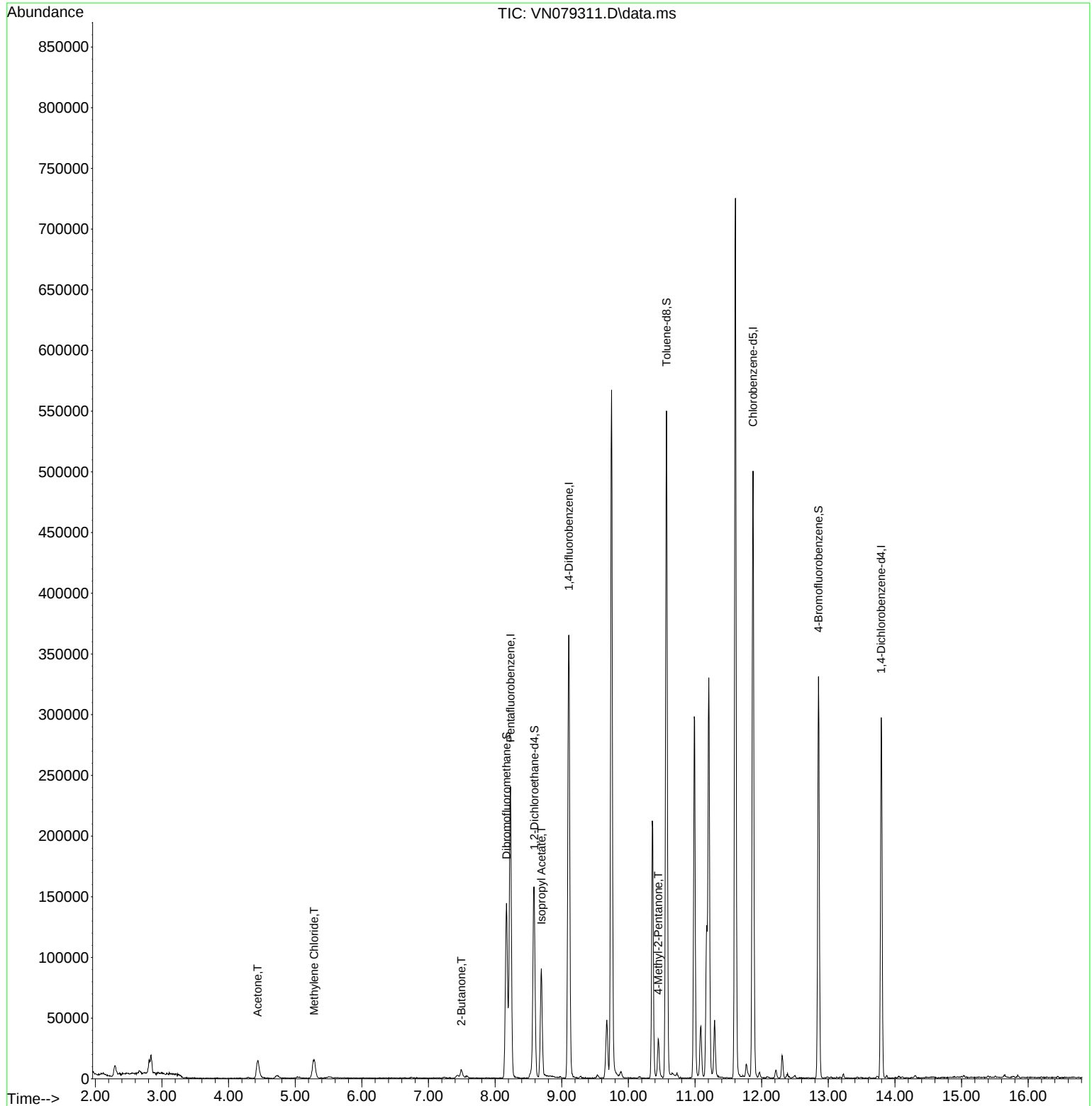
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
Data File : VN079311.D
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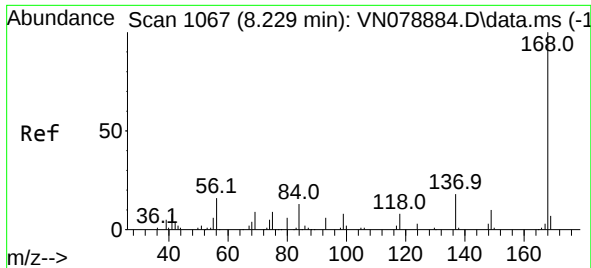
Instrument :
MSVOA_N
ClientSampleId :
H-2313-SOIL

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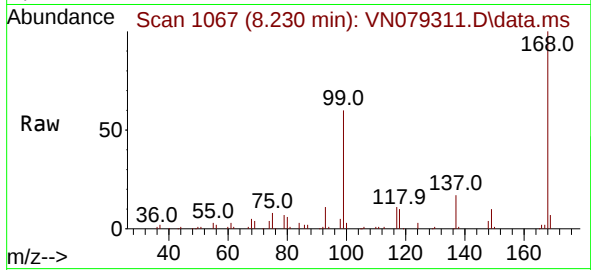
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26

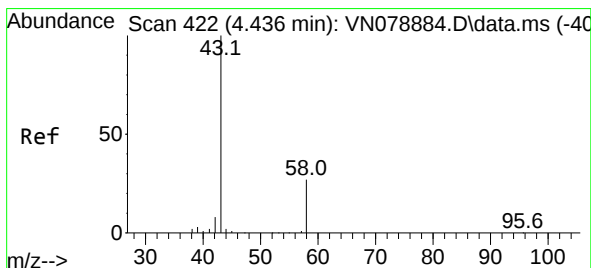
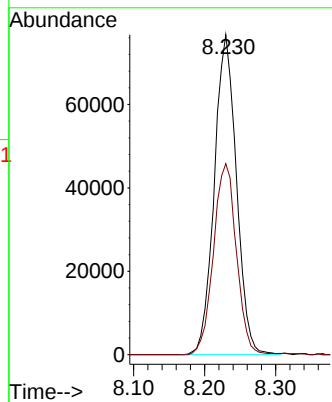
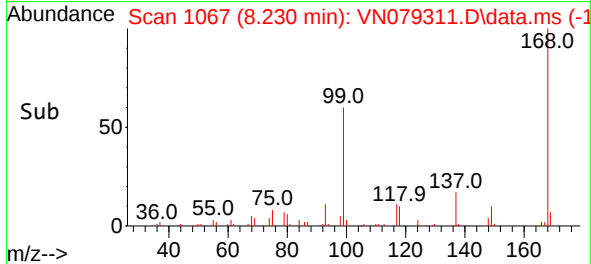
Instrument :
MSVOA_N
ClientSampleId :
H-2313-SOIL



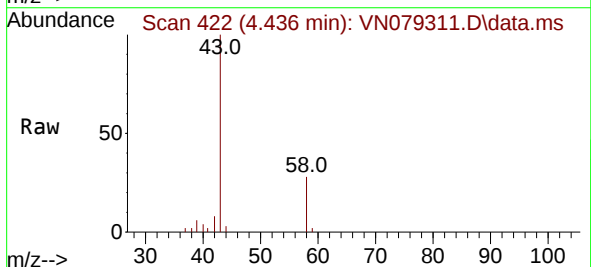
Tgt Ion:168 Resp: 165824
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6

Manual Integrations
APPROVED

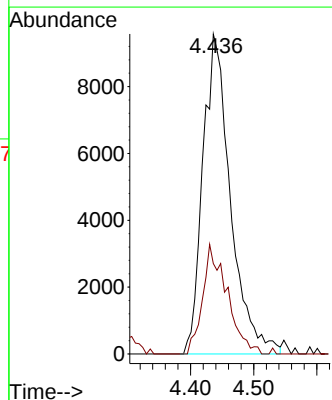
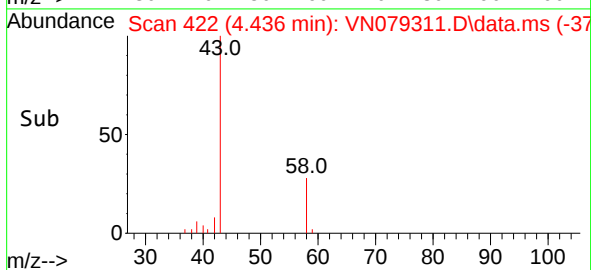
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

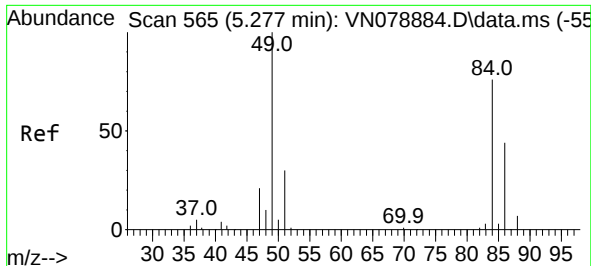


#16
Acetone
Concen: 30.623 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26



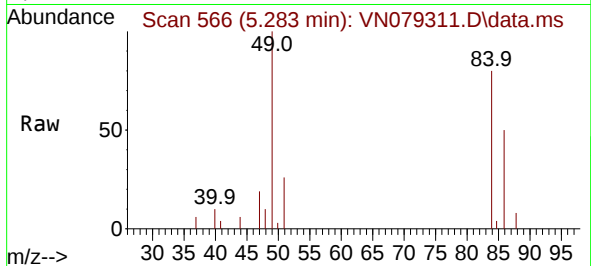
Tgt Ion: 43 Resp: 29113
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0





#20
Methylene Chloride
Concen: 5.455 ug/l m
RT: 5.283 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26

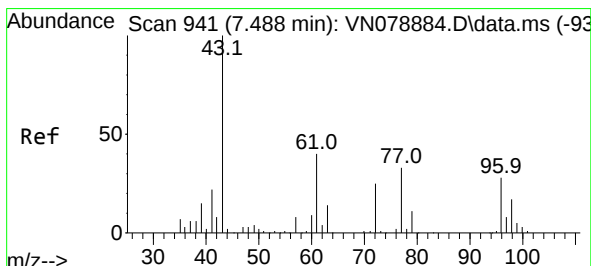
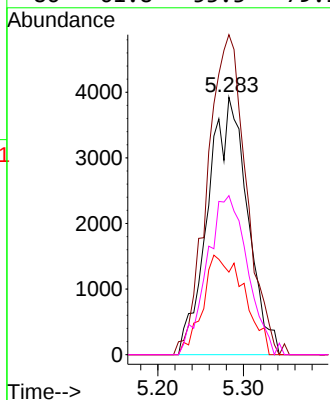
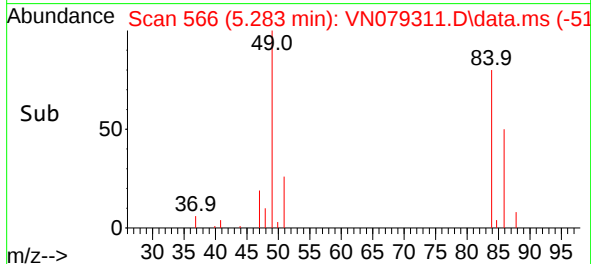
Instrument :
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ClientSampleId :
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Tgt Ion: 84 Resp: 12620
Ion Ratio Lower Upper
84 100
49 124.3 79.7 119.5
51 32.1 25.2 37.8
86 61.8 53.3 79.9

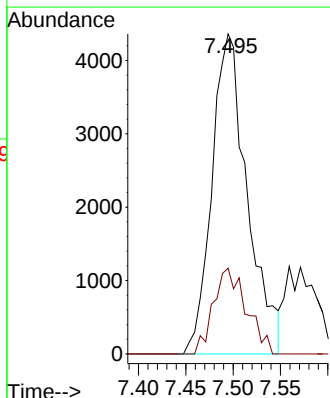
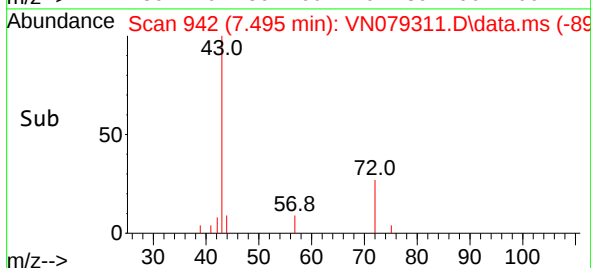
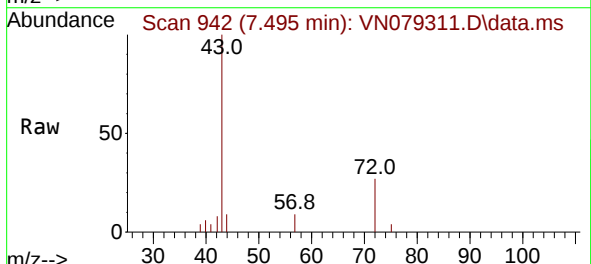
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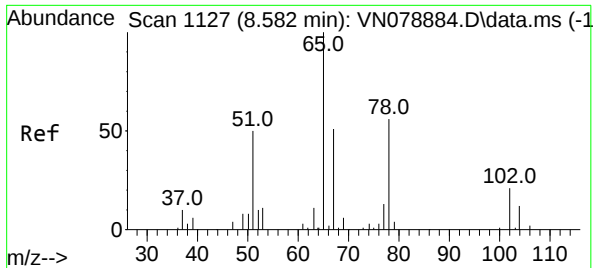
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#25
2-Butanone
Concen: 8.225 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.001 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26

Tgt Ion: 43 Resp: 11345
Ion Ratio Lower Upper
43 100
72 26.8 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 58.073 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN079311.D

Acq: 20 Sep 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

H-2313-SOIL

Tgt Ion: 65 Resp: 12999

Ion Ratio Lower Upper

65 100

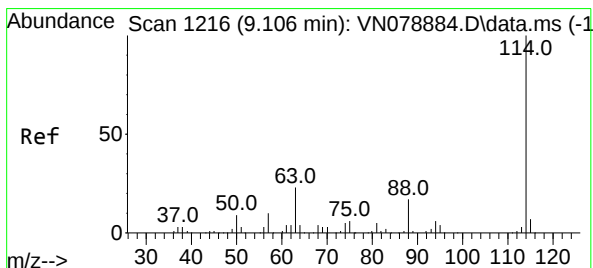
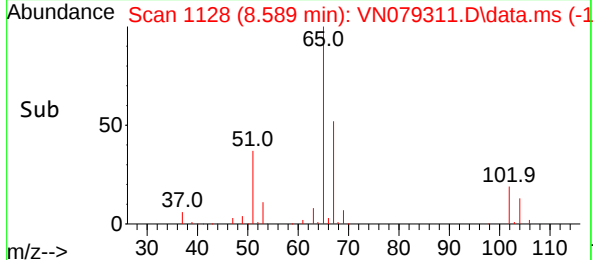
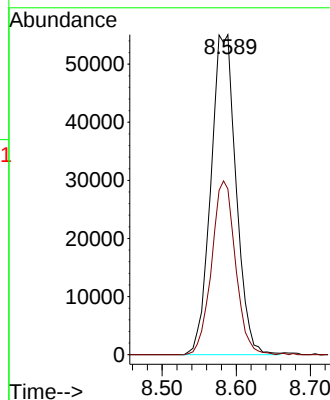
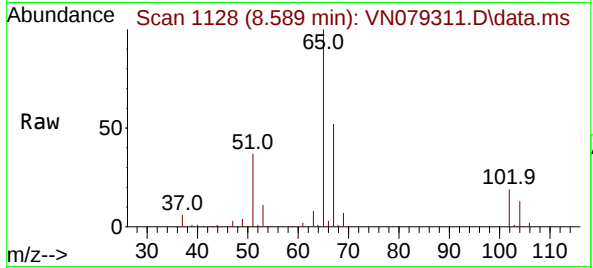
67 51.4 0.0 106.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079311.D

Acq: 20 Sep 2023 15:26

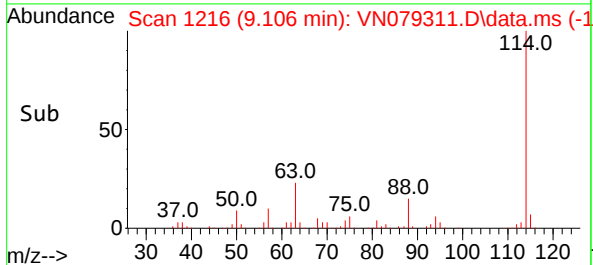
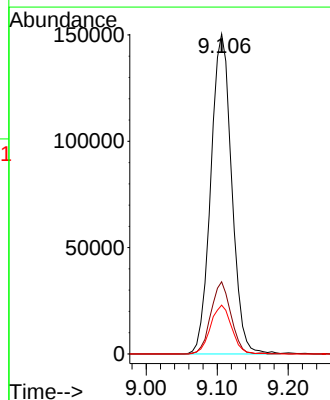
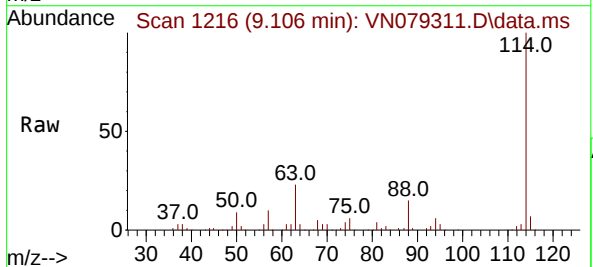
Tgt Ion:114 Resp: 306676

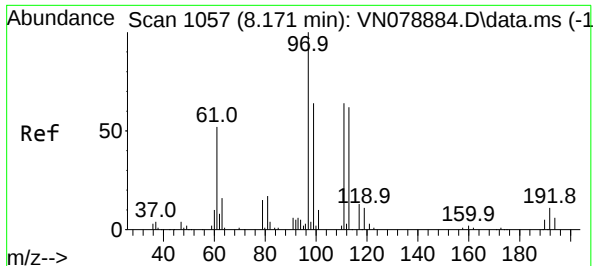
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

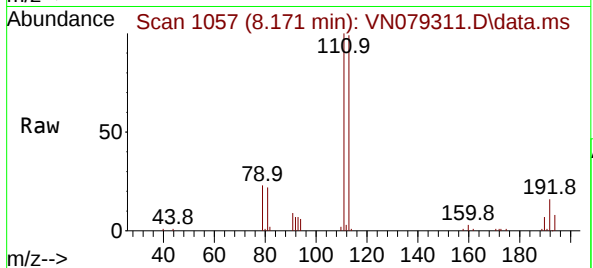
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.461 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26

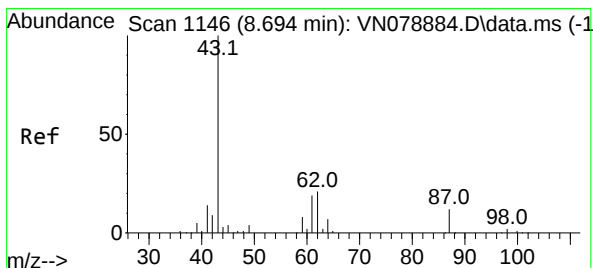
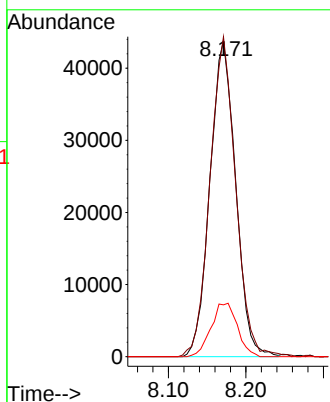
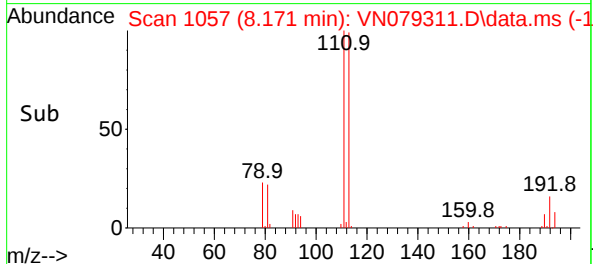
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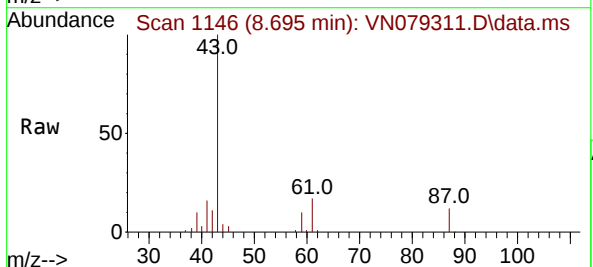
Tgt Ion: 113 Resp: 10089
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 17.4 12.7 19.1

Manual Integrations
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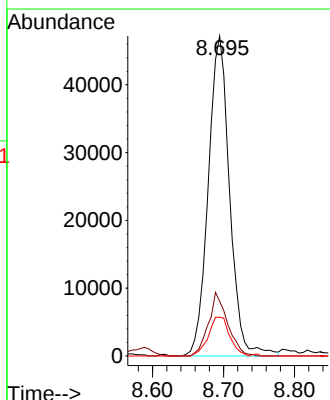
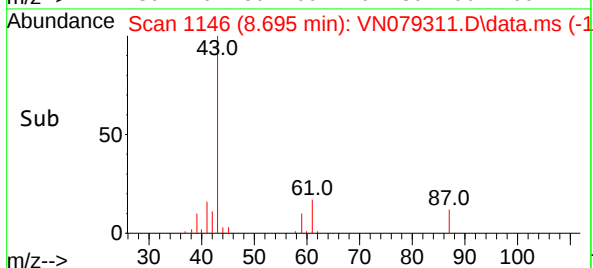
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

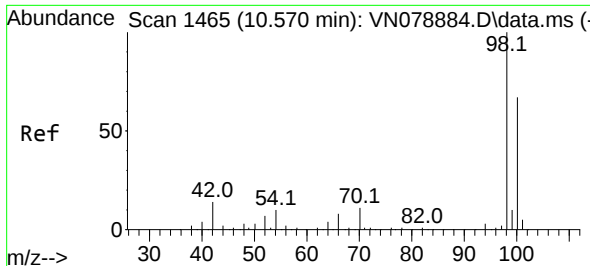


#43
Isopropyl Acetate
Concen: 19.252 ug/l
RT: 8.695 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26



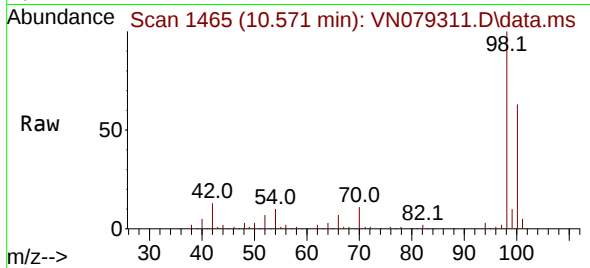
Tgt Ion: 43 Resp: 98521
Ion Ratio Lower Upper
43 100
61 17.9 24.7 37.1#
87 12.1 14.6 21.8#





#50
Toluene-d8
Concen: 48.946 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26

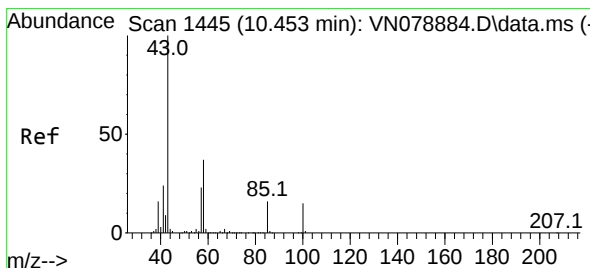
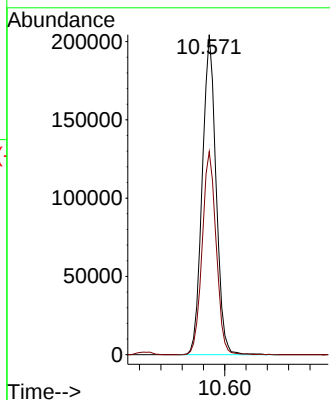
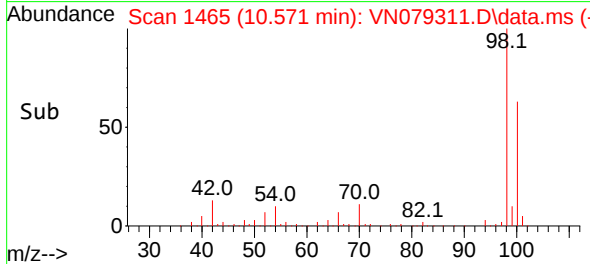
Instrument :
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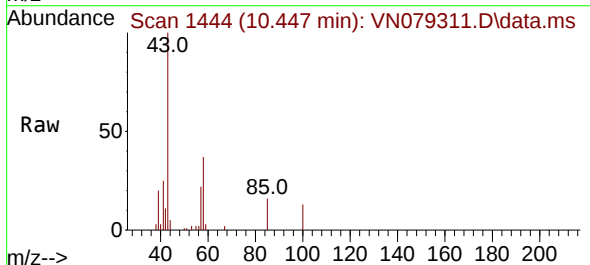
Tgt Ion: 98 Resp: 36662
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

Manual Integrations
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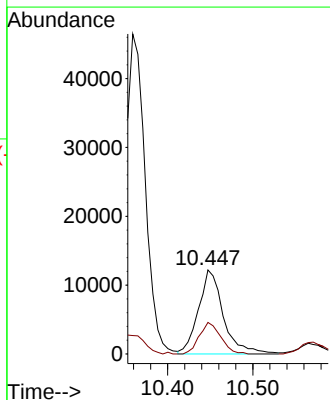
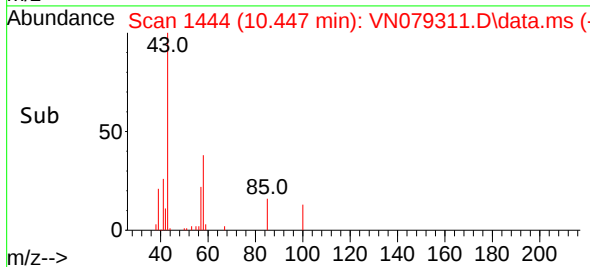
Reviewed By :John Carlone 09/21/2023
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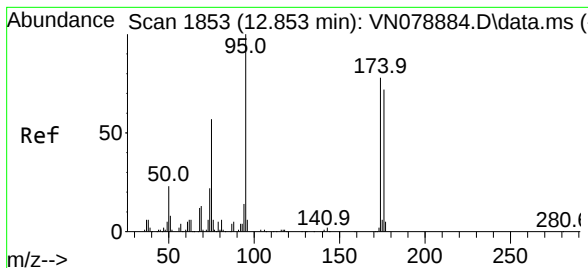


#51
4-Methyl-2-Pentanone
Concen: 8.351 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26



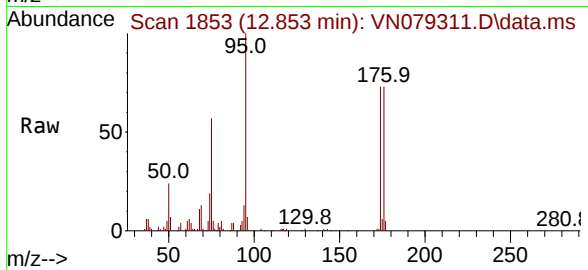
Tgt Ion: 43 Resp: 24808
Ion Ratio Lower Upper
43 100
58 32.1 36.6 54.8#





#62
4-Bromofluorobenzene
Concen: 46.678 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26

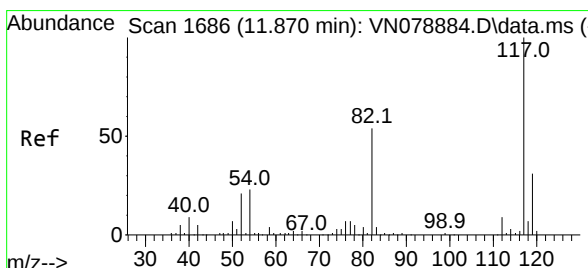
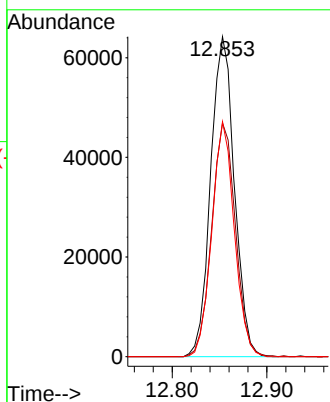
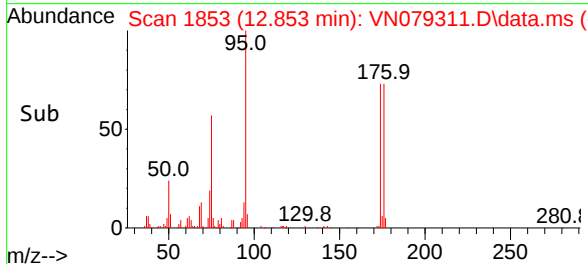
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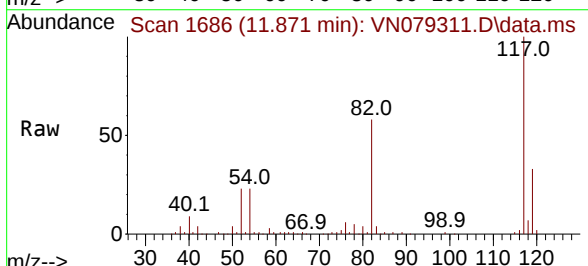
Tgt Ion: 95 Resp: 11152
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 69.8 0.0 135.8

Manual Integrations
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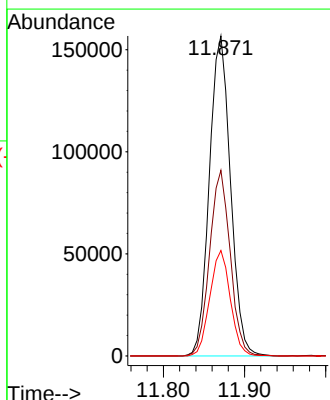
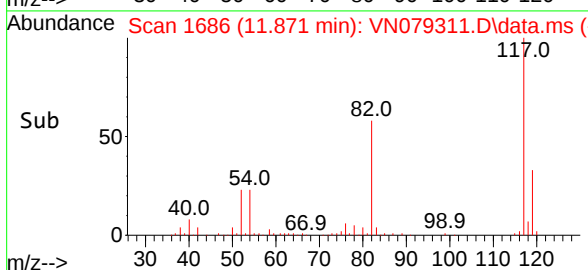
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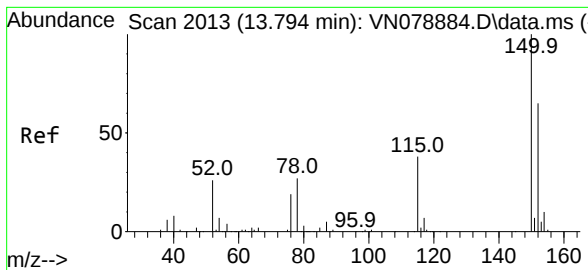


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079311.D
Acq: 20 Sep 2023 15:26



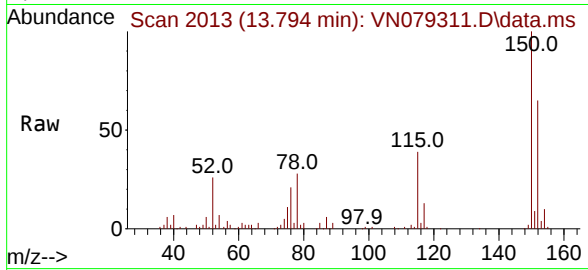
Tgt Ion:117 Resp: 283573
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079311.D
 Acq: 20 Sep 2023 15:26

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 7624
 Ion Ratio Lower Upper
 152 100
 115 61.2 32.3 96.8
 150 155.5 0.0 355.8

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