

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077816.D
 Acq On : 23 May 2023 15:06
 Operator : JC\MD
 Sample : 02880-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT161S1-20230519

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:54:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	376464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	677507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	601322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	194844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	252802	44.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.760%		
35) Dibromofluoromethane	8.177	113	218915	49.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.100%		
50) Toluene-d8	10.576	98	840019	49.398	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.800%		
62) 4-Bromofluorobenzene	12.853	95	264081	43.971	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.940%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.359	96	2775	0.701	ug/l #	86
16) Acetone	4.436	43	4389m	2.477	ug/l	
24) 1,1-Dichloroethane	6.577	63	22336	2.674	ug/l	94
30) Chloroform	7.977	83	2991	0.326	ug/l #	81
44) Trichloroethene	9.365	130	4268	0.884	ug/l	56
64) Tetrachloroethene	11.112	164	1940	0.461	ug/l #	81

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

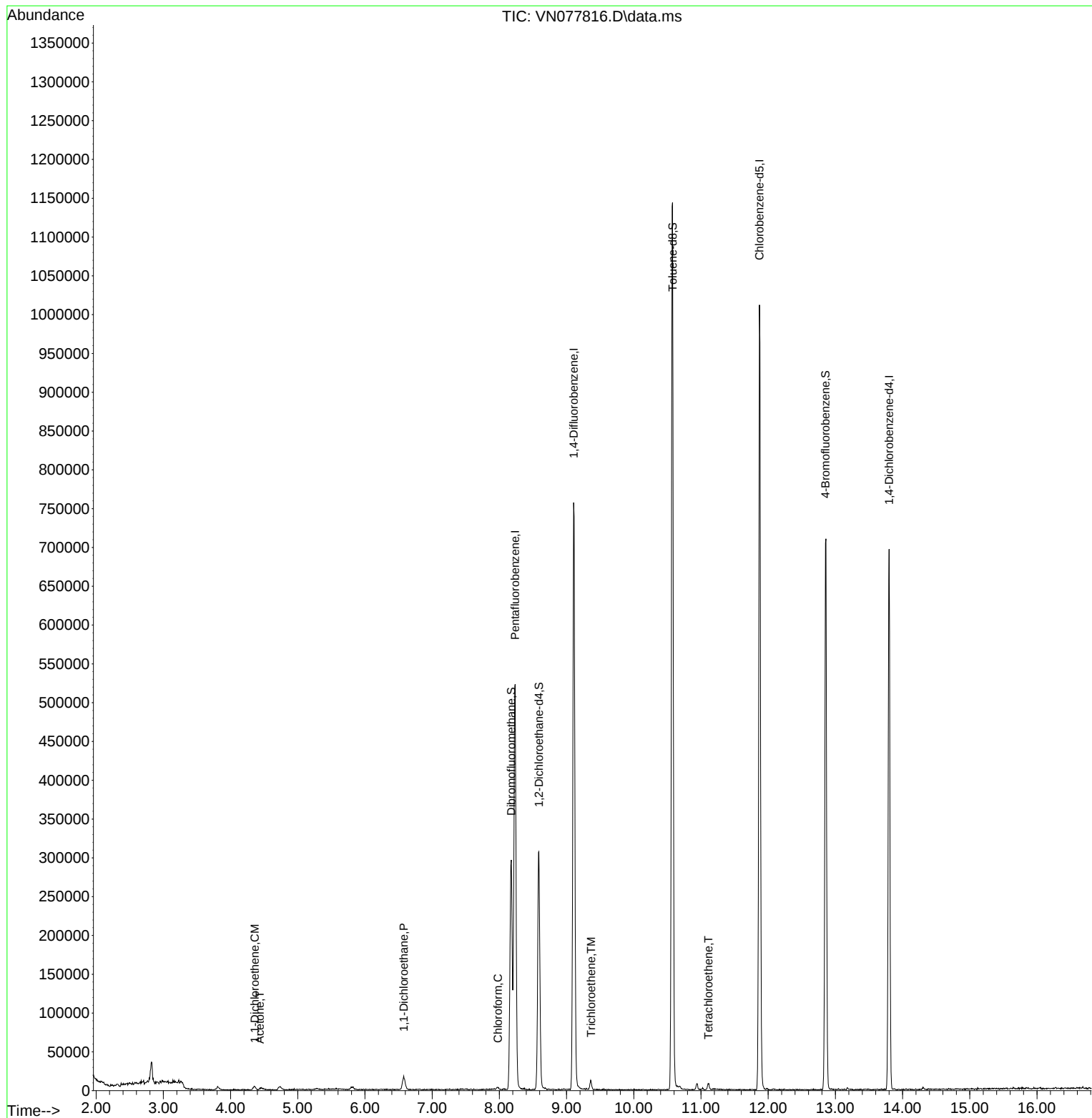
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
Data File : VN077816.D
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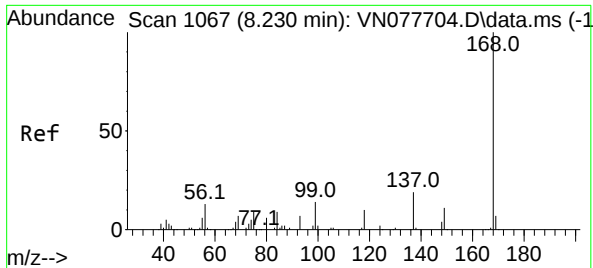
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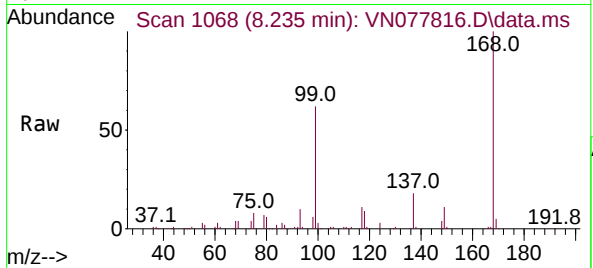
Quant Time: May 24 02:54:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06

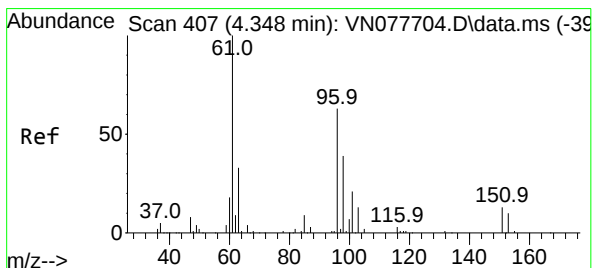
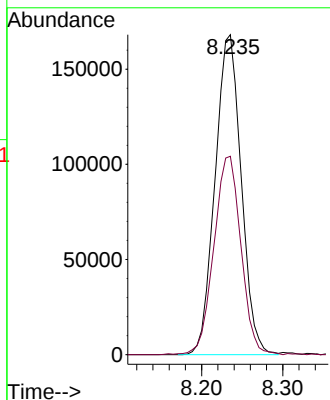
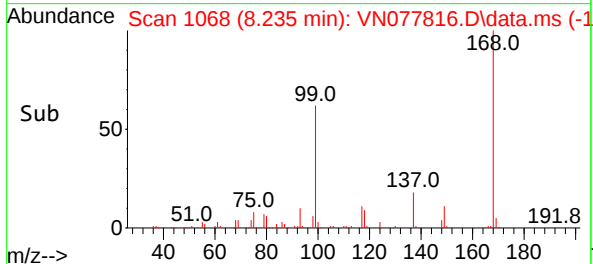
Instrument :
MSVOA_N
ClientSampleId :
TT161S1-20230519



Tgt Ion:168 Resp: 376464
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6

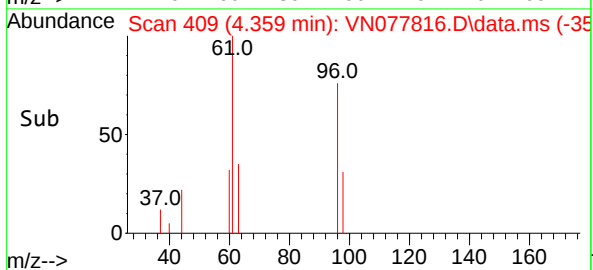
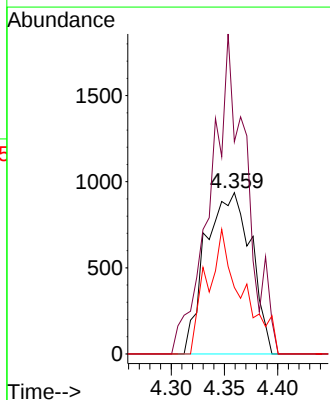
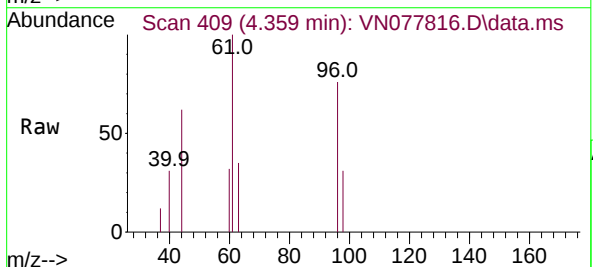
Manual Integrations
APPROVED

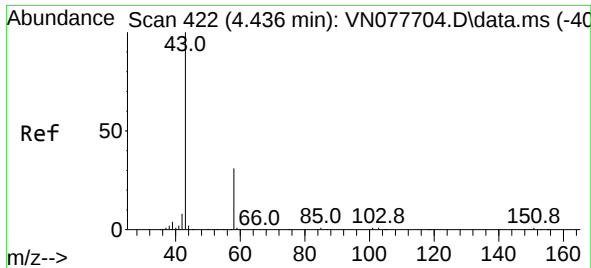
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
1,1-Dichloroethene
Concen: 0.701 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06

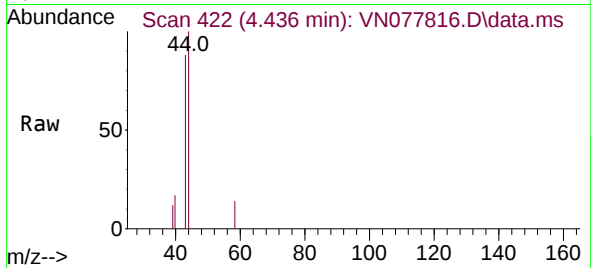
Tgt Ion: 96 Resp: 2775
Ion Ratio Lower Upper
96 100
61 131.6 112.7 169.1
98 41.2 51.2 76.8#





#16
Acetone
Concen: 2.477 ug/l m
RT: 4.436 min Scan# 43
Delta R.T. 0.006 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06

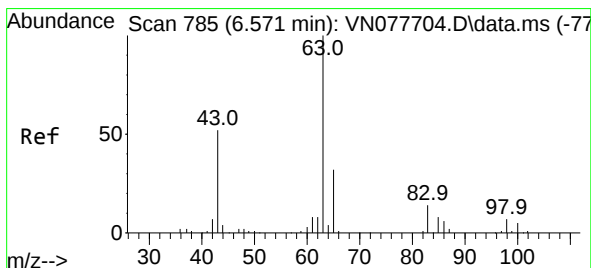
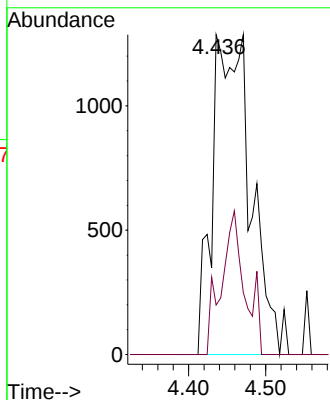
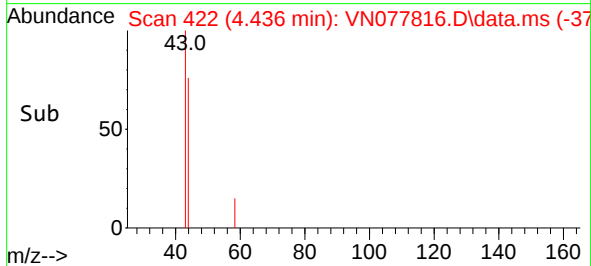
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TT161S1-20230519



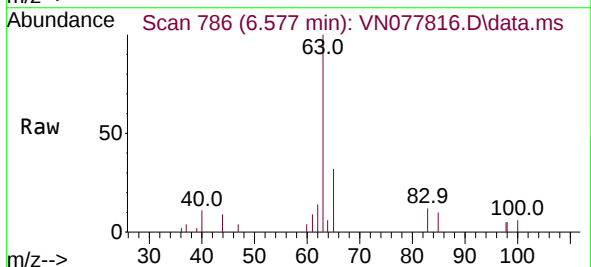
Tgt Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
58 15.5 28.0 42.0

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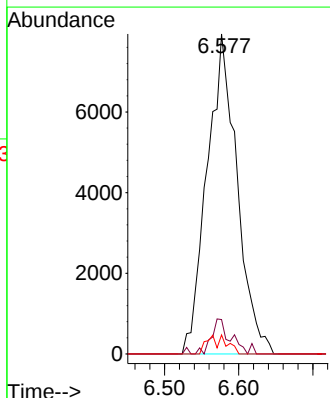
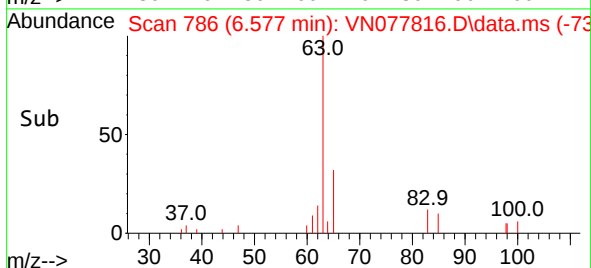
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

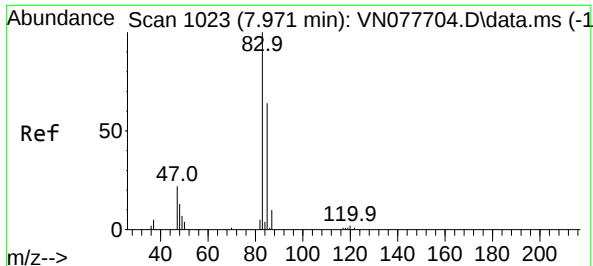


#24
1,1-Dichloroethane
Concen: 2.674 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06



Tgt Ion: 63 Resp: 22336
Ion Ratio Lower Upper
63 100
98 10.8 3.9 11.7
100 5.9 2.5 7.4





#30

Chloroform

Concen: 0.326 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN077816.D

Acq: 23 May 2023 15:06

Instrument :

MSVOA_N

ClientSampleId :

TT161S1-20230519

Tgt Ion: 83 Resp: 299

Ion Ratio Lower Upper

83 100

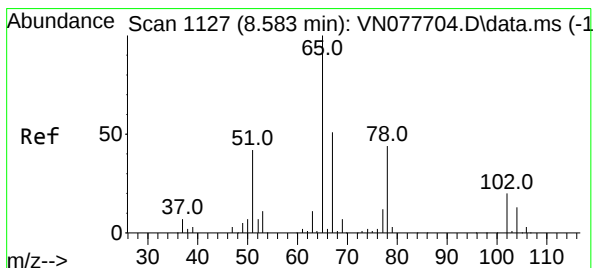
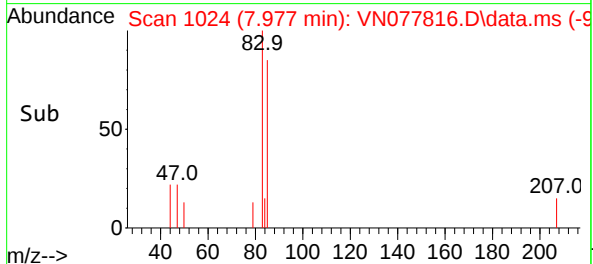
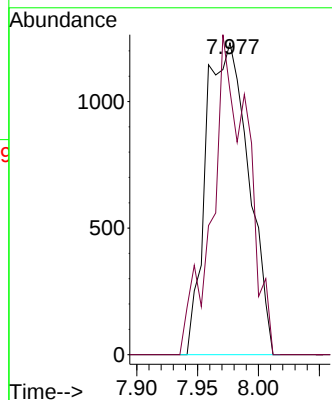
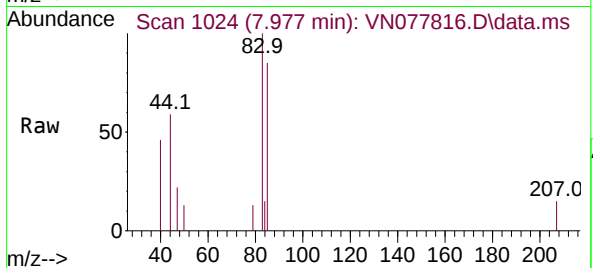
85 84.7 55.4 83.0

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 44.880 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077816.D

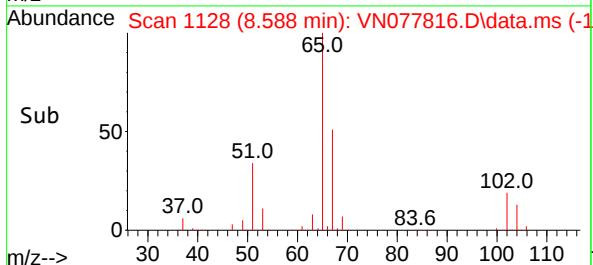
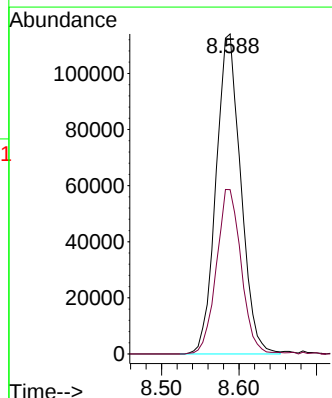
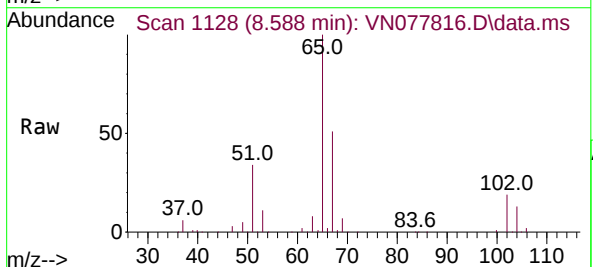
Acq: 23 May 2023 15:06

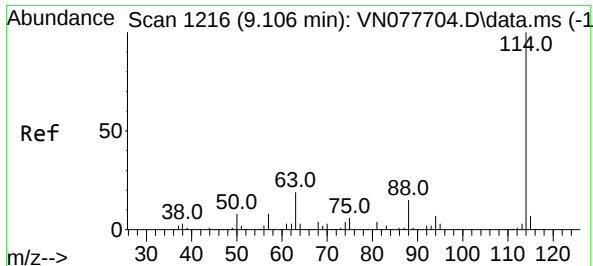
Tgt Ion: 65 Resp: 252802

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077816.D

Acq: 23 May 2023 15:06

Instrument :

MSVOA_N

ClientSampleId :

TT161S1-20230519

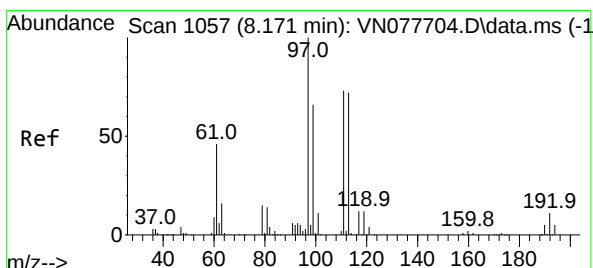
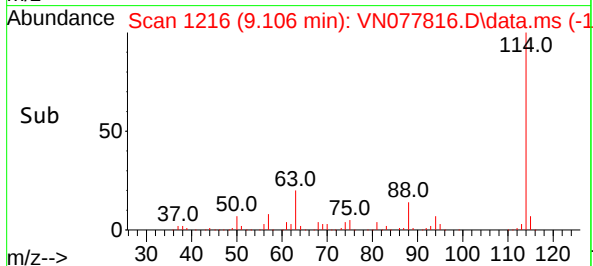
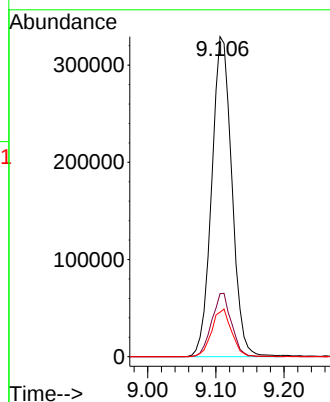
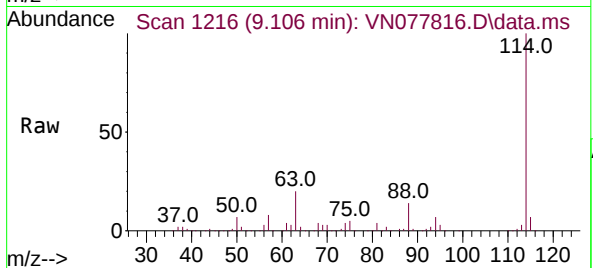
Tgt Ion:114	Resp:	67750
Ion Ratio	Lower	Upper
114	100	
63	19.7	0.0 36.4
88	13.9	0.0 30.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/25/2023



#35

Dibromofluoromethane

Concen: 49.551 ug/l

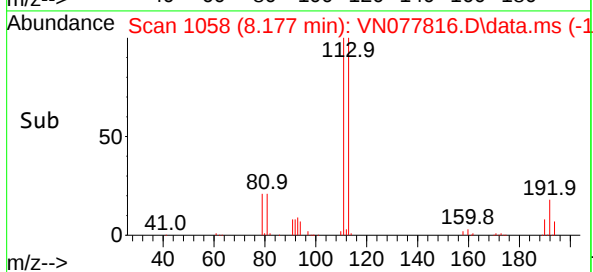
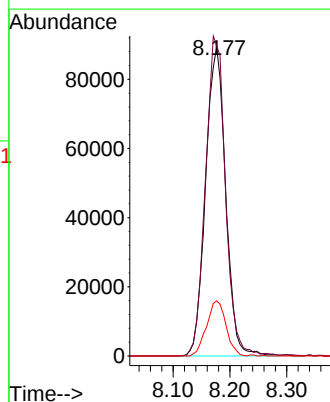
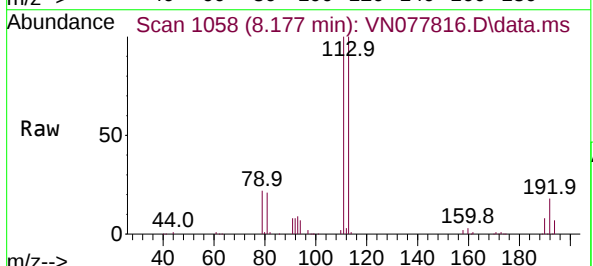
RT: 8.177 min Scan# 1058

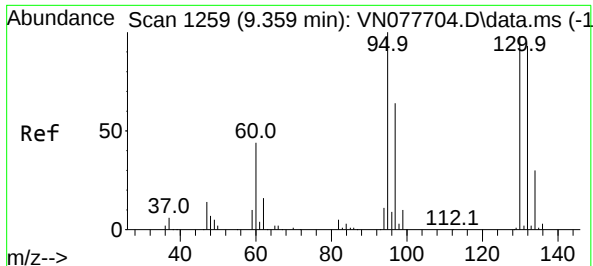
Delta R.T. 0.006 min

Lab File: VN077816.D

Acq: 23 May 2023 15:06

Tgt Ion:113	Resp:	218915
Ion Ratio	Lower	Upper
113	100	
111	102.8	82.6 123.8
192	17.3	12.7 19.1





#44

Trichloroethene

Concen: 0.884 ug/l

RT: 9.365 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077816.D

Acq: 23 May 2023 15:06

Instrument :

MSVOA_N

ClientSampleId :

TT161S1-20230519

Tgt Ion:130 Resp: 4268

Ion Ratio Lower Upper

130 100

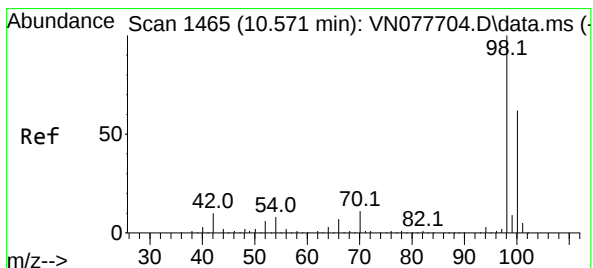
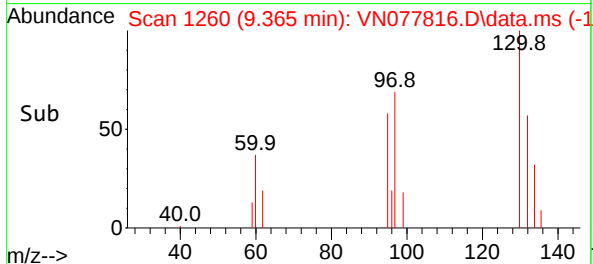
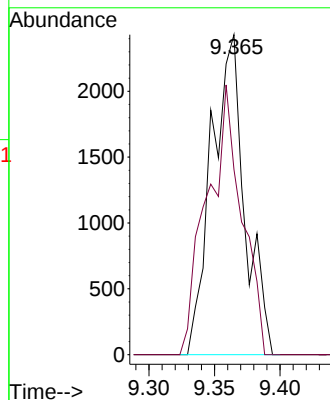
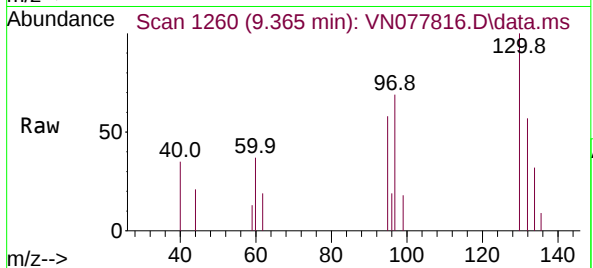
95 57.9 0.0 204.6

Manual Integrations

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#50

Toluene-d8

Concen: 49.398 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077816.D

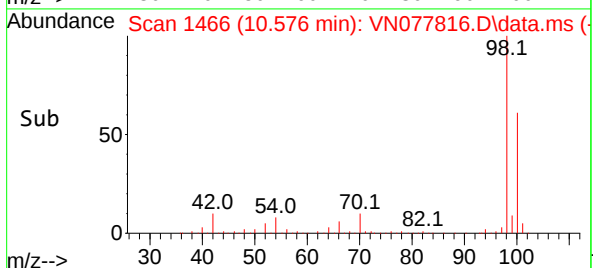
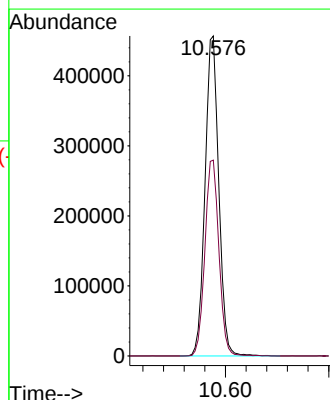
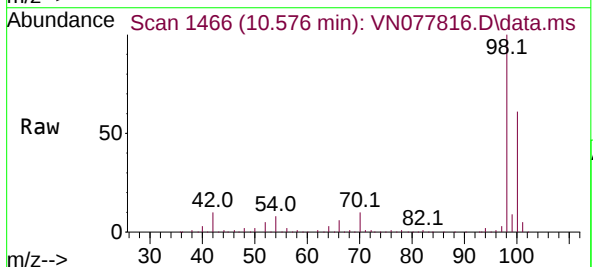
Acq: 23 May 2023 15:06

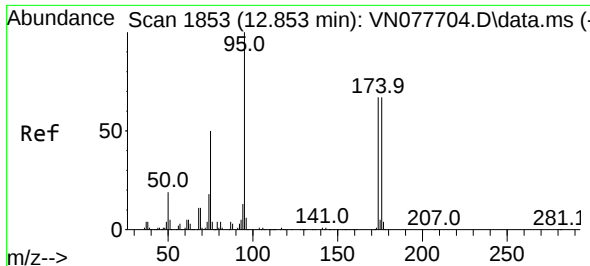
Tgt Ion: 98 Resp: 840019

Ion Ratio Lower Upper

98 100

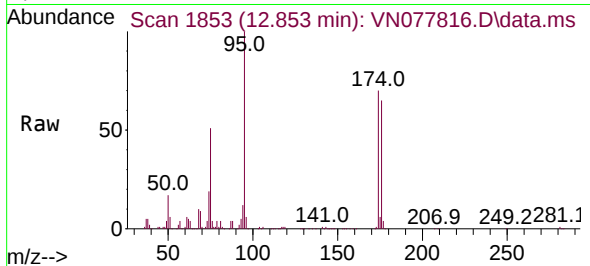
100 62.6 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 43.971 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06

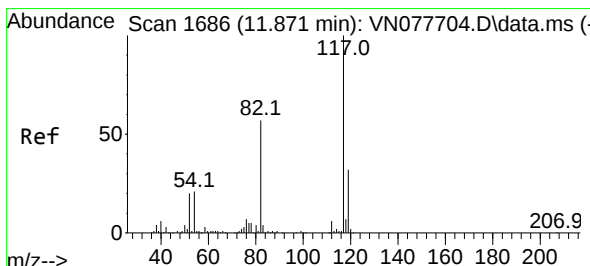
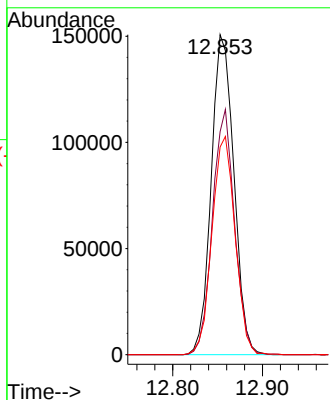
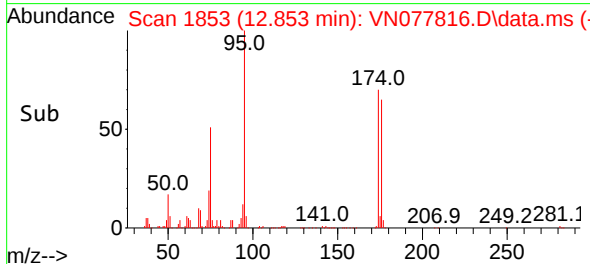
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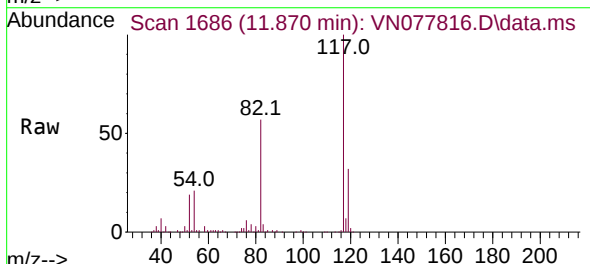
Tgt Ion: 95 Resp: 26408
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 69.7 0.0 135.8

Manual Integrations
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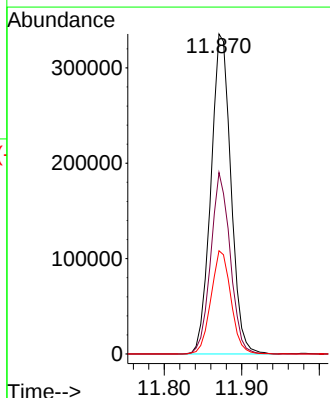
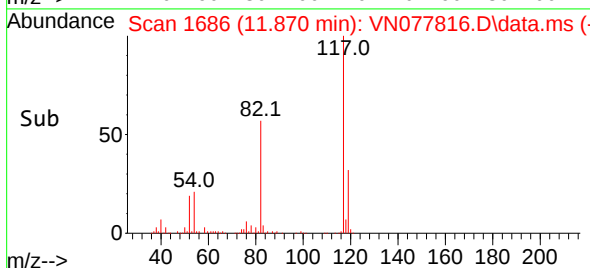
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

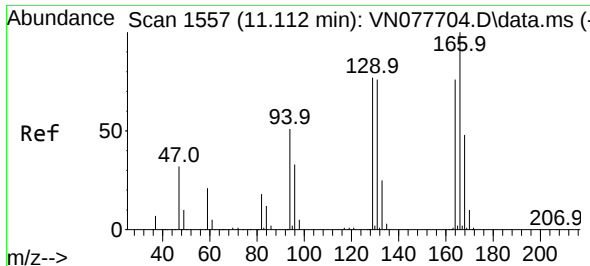


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06



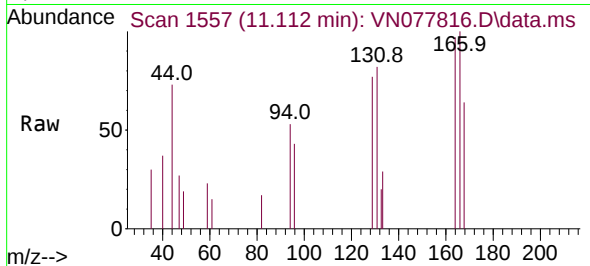
Tgt Ion:117 Resp: 601322
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.2 25.6 38.4





#64
Tetrachloroethene
Concen: 0.461 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06

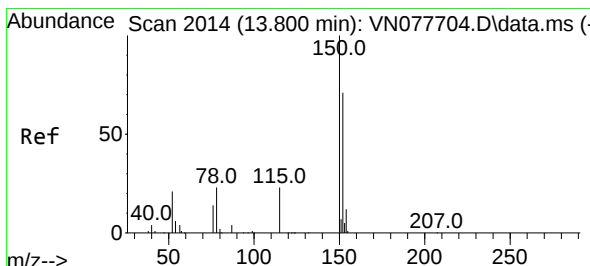
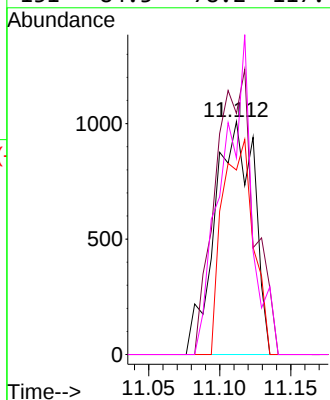
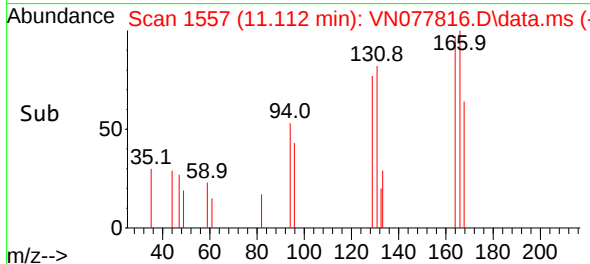
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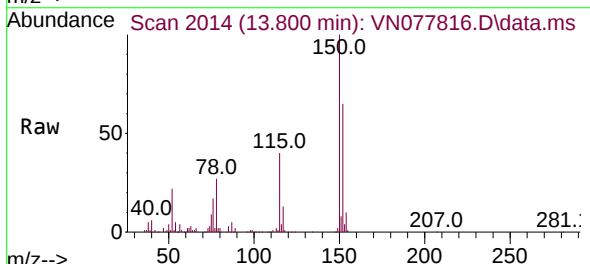
Tgt Ion:164 Resp: 1940
Ion Ratio Lower Upper
164 100
166 103.5 101.4 152.0
129 79.2 82.4 123.6
131 84.3 78.2 117.4

Manual Integrations
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Supervised By :Mahesh Dadoda 05/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077816.D
Acq: 23 May 2023 15:06



Tgt Ion:152 Resp: 194844
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 157.0 0.0 355.8

