

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077933.D
 Acq On : 26 May 2023 17:29
 Operator : JC\MD
 Sample : 02898-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW36BR-20230522

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

Quant Time: May 29 00:31:27 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	8.236	168	374475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	674621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	588519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	191270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	253641	45.268	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.540%		
35) Dibromofluoromethane	8.177	113	216118	49.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.260%		
50) Toluene-d8	10.577	98	837324	49.451	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.900%		
62) 4-Bromofluorobenzene	12.859	95	270065	45.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	1808	0.424	ug/l	99
4) Vinyl Chloride	2.524	62	249190	46.377	ug/l	94
12) 1,1-Dichloroethene	4.359	96	4764m	1.210	ug/l	
21) trans-1,2-Dichloroethene	5.789	96	6052m	1.368	ug/l	
27) cis-1,2-Dichloroethene	7.494	96	1374856	259.169	ug/l	98
44) Trichloroethene	9.359	130	570255	118.609	ug/l	99

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

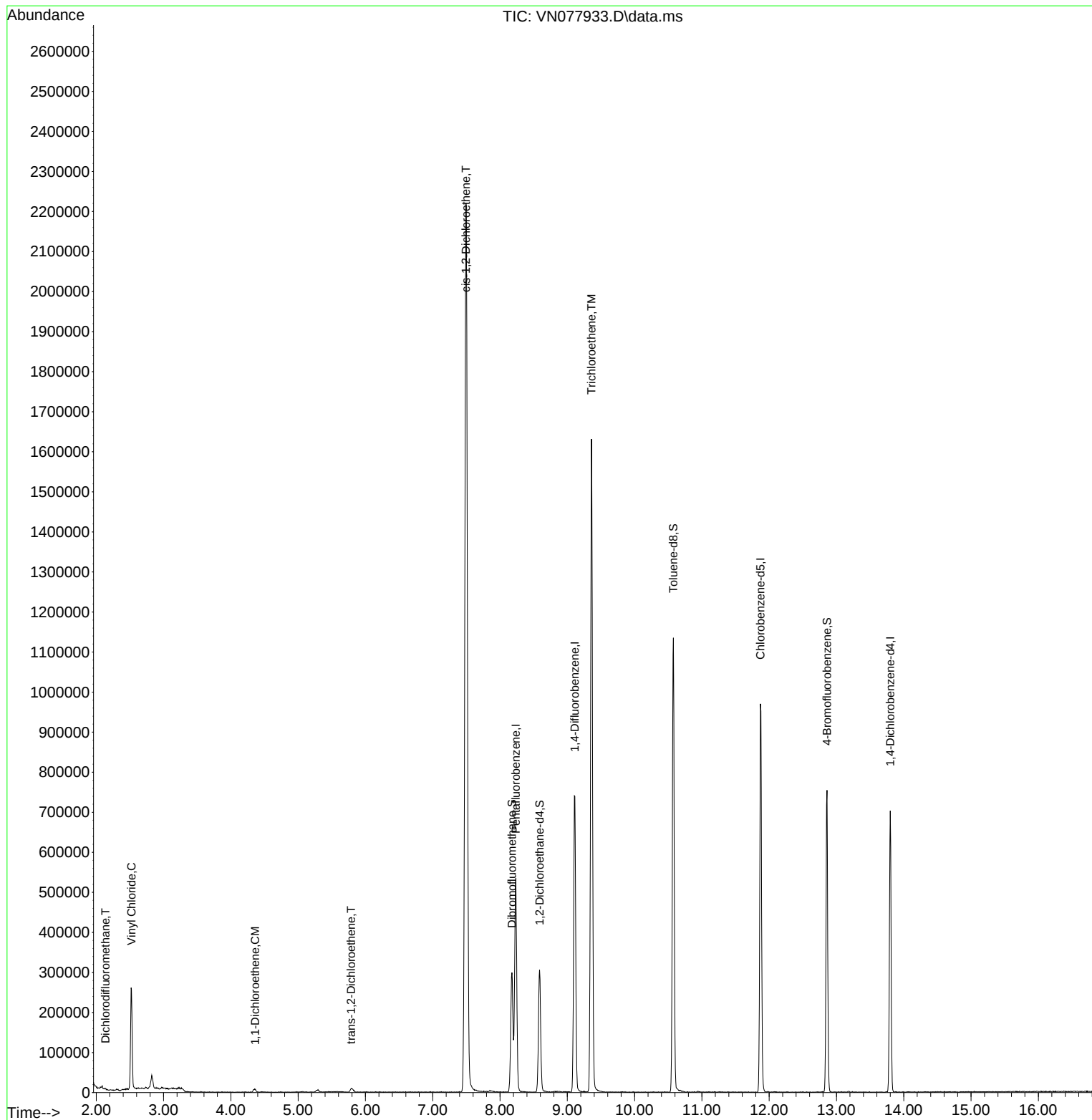
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
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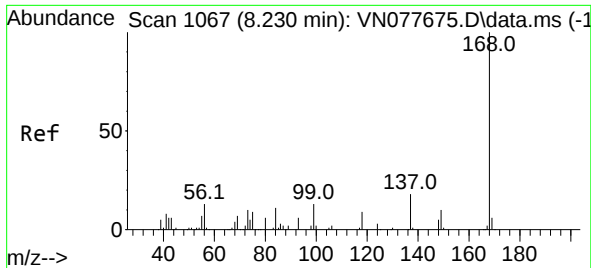
Instrument :
MSVOA_N
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MW36BR-20230522

Quant Time: May 29 00:31:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
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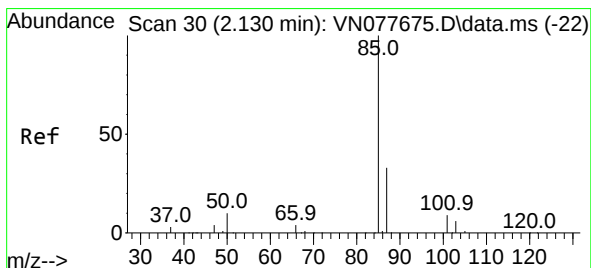
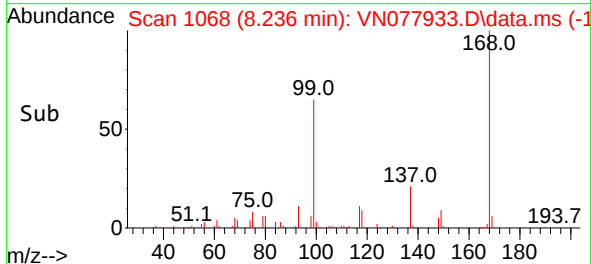
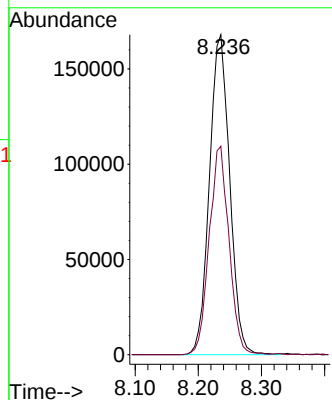
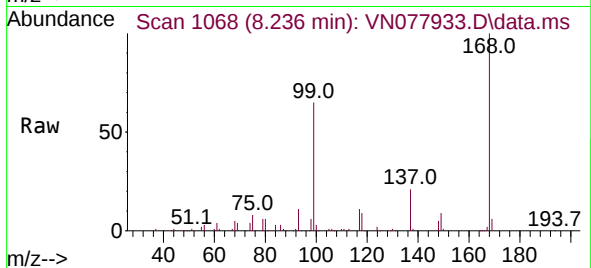
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :
MW36BR-20230522

Tgt Ion:168 Resp: 374475
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6

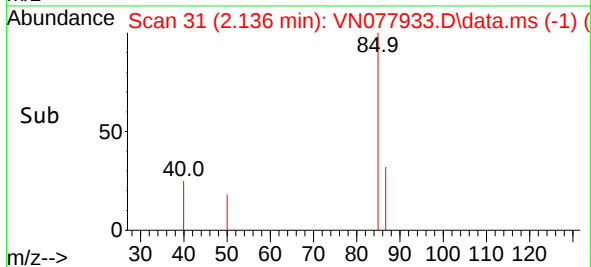
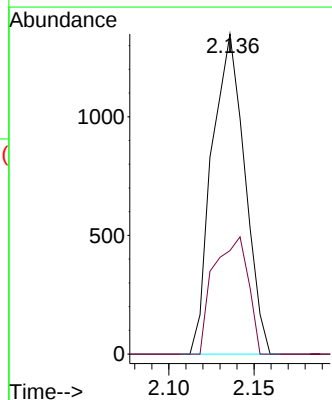
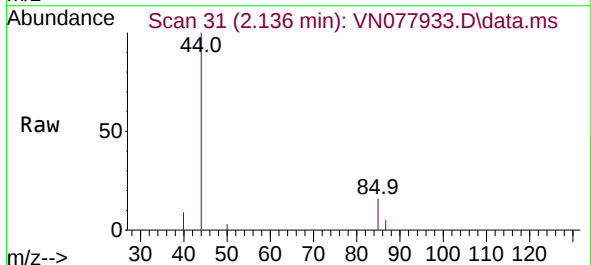
Manual Integrations
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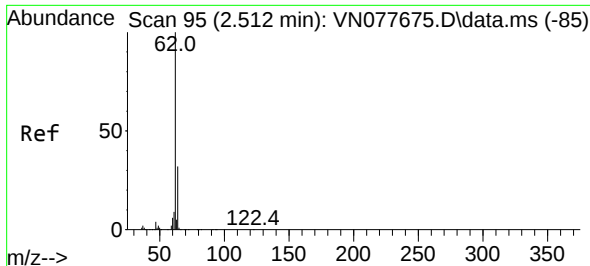
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#2
Dichlorodifluoromethane
Concen: 0.424 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29

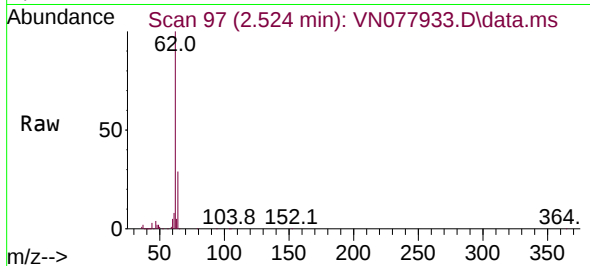
Tgt Ion: 85 Resp: 1808
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





#4
 Vinyl Chloride
 Concen: 46.377 ug/l
 RT: 2.524 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN077933.D
 Acq: 26 May 2023 17:29

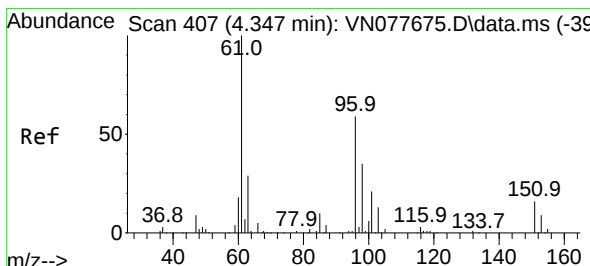
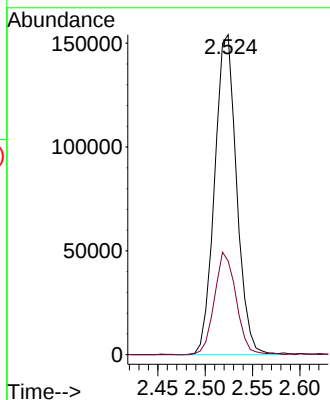
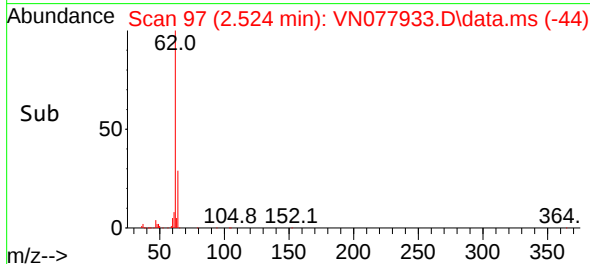
Instrument :
 MSVOA_N
 ClientSampleId :
 MW36BR-20230522



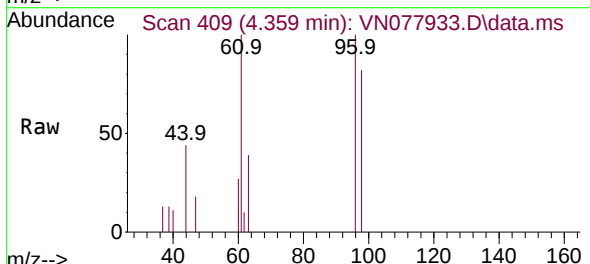
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 Ion Ratio Lower Upper
 62 100
 64 29.3 26.2 39.2

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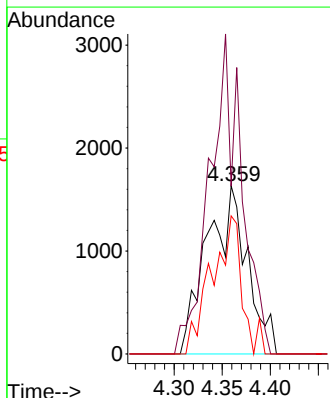
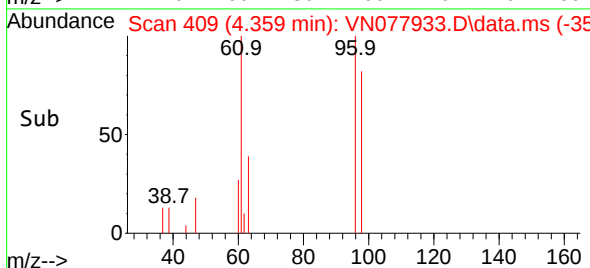
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

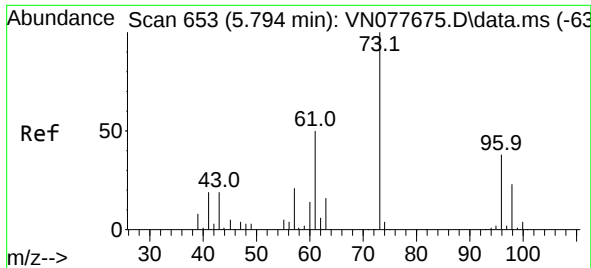


#12
 1,1-Dichloroethene
 Concen: 1.210 ug/l m
 RT: 4.359 min Scan# 409
 Delta R.T. 0.012 min
 Lab File: VN077933.D
 Acq: 26 May 2023 17:29



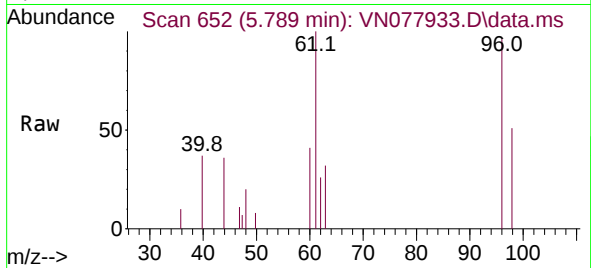
Tgt Ion: 96 Resp: 4764
 Ion Ratio Lower Upper
 96 100
 61 99.9 112.7 169.1#
 98 82.1 51.2 76.8#





#21
trans-1,2-Dichloroethene
Concen: 1.368 ug/l m
RT: 5.789 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29

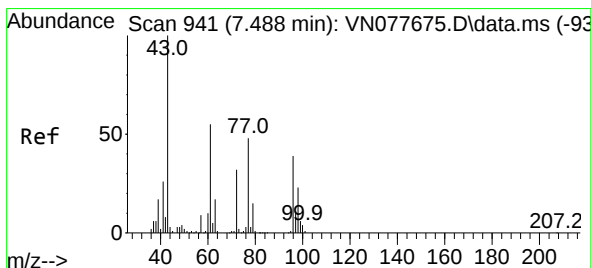
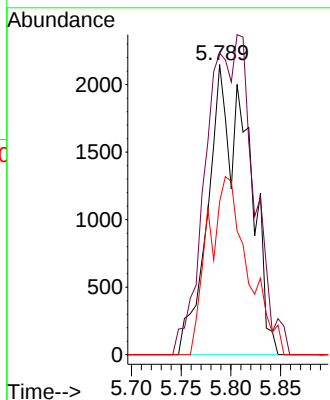
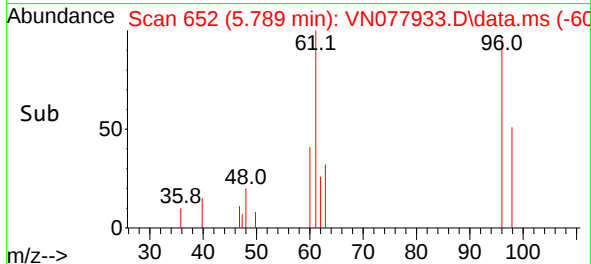
Instrument :
MSVOA_N
ClientSampleId :
MW36BR-20230522



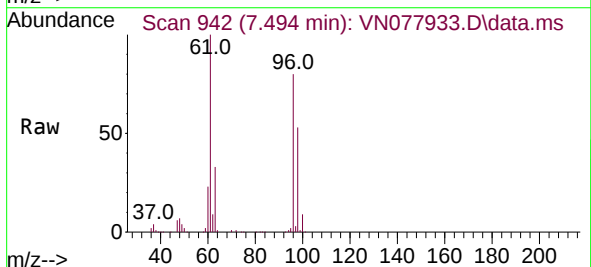
Tgt Ion: 96 Resp: 6052
Ion Ratio Lower Upper
96 100
61 103.9 90.1 135.1
98 52.8 46.4 69.6

Manual Integrations
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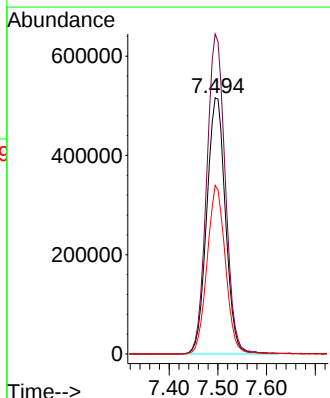
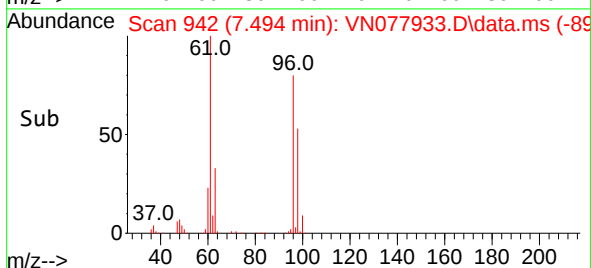
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

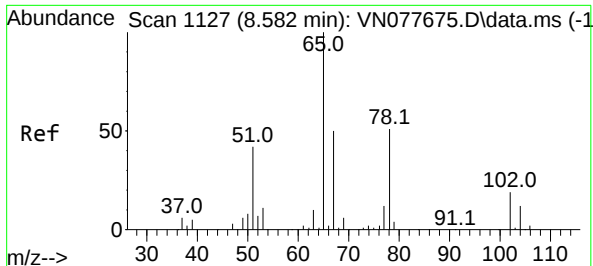


#27
cis-1,2-Dichloroethene
Concen: 259.169 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29



Tgt Ion: 96 Resp: 1374856
Ion Ratio Lower Upper
96 100
61 124.0 0.0 255.2
98 64.4 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 45.268 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077933.D

Acq: 26 May 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

MW36BR-20230522

Tgt Ion: 65 Resp: 25364

Ion Ratio Lower Upper

65 100

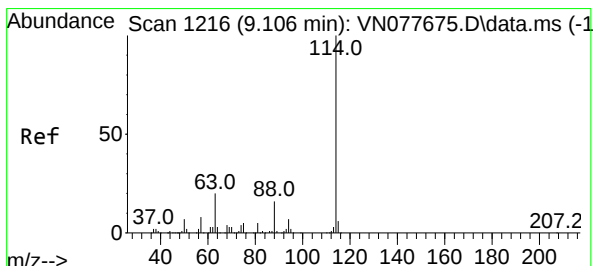
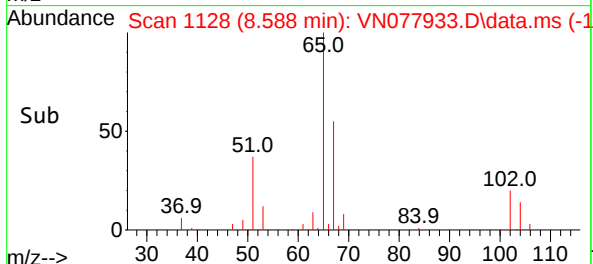
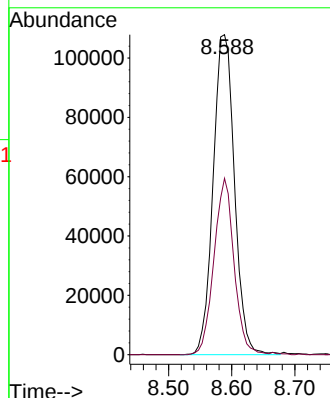
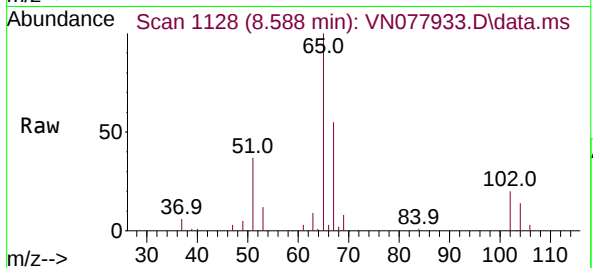
67 51.8 0.0 106.6

Manual Integrations

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Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077933.D

Acq: 26 May 2023 17:29

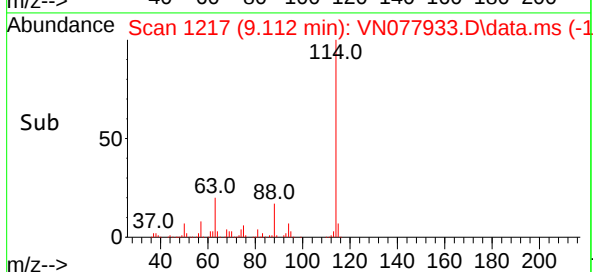
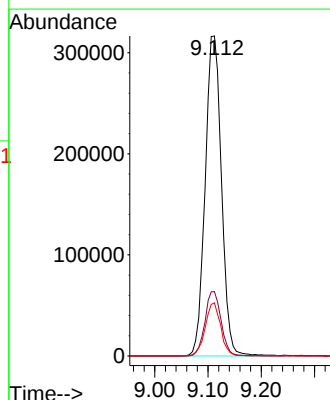
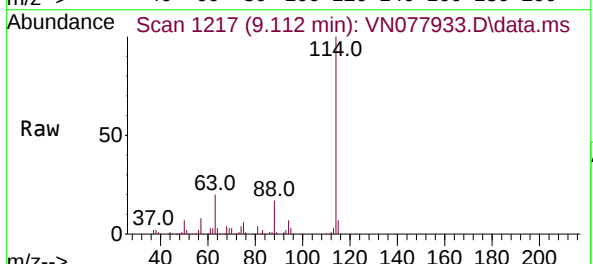
Tgt Ion:114 Resp: 674621

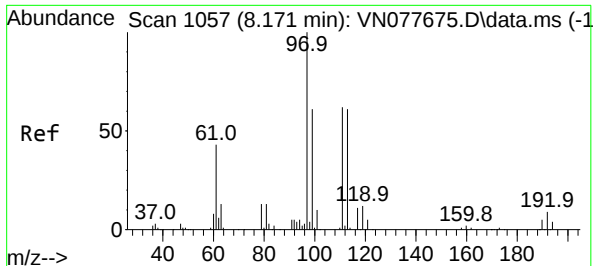
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.127 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077933.D

Acq: 26 May 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

MW36BR-20230522

Tgt Ion:113 Resp: 216118

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

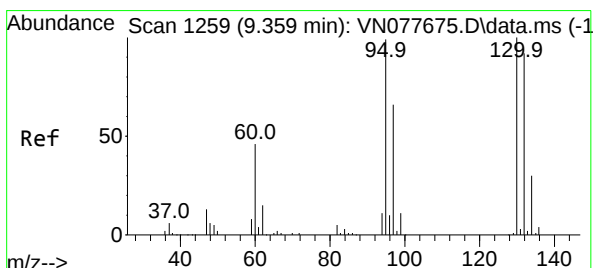
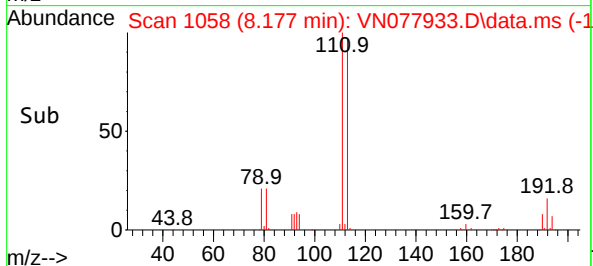
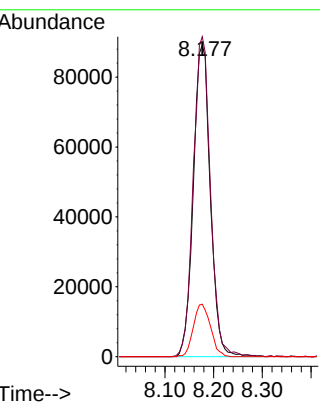
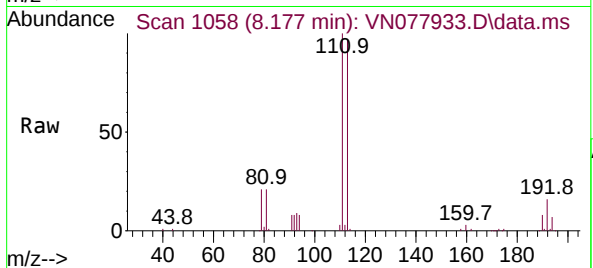
192 16.9 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 118.609 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077933.D

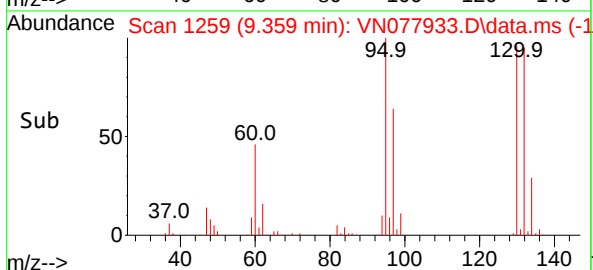
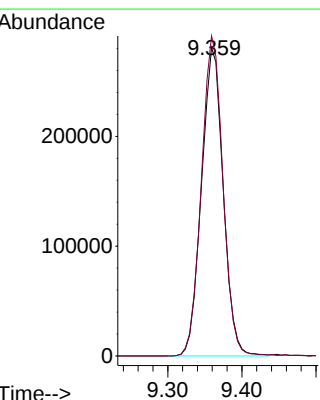
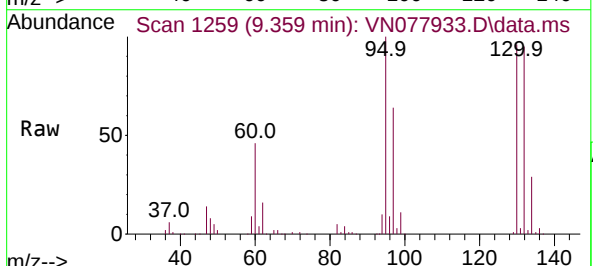
Acq: 26 May 2023 17:29

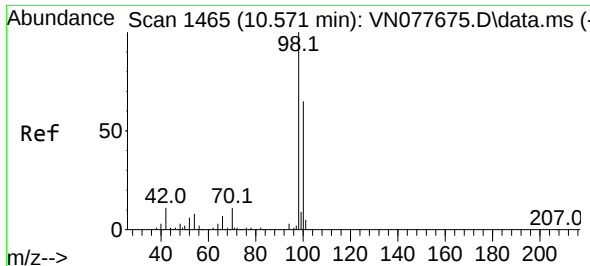
Tgt Ion:130 Resp: 570255

Ion Ratio Lower Upper

130 100

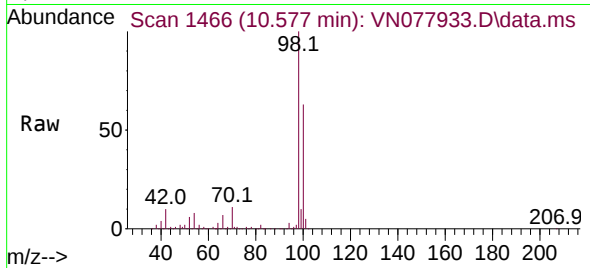
95 103.7 0.0 204.6





#50
Toluene-d8
Concen: 49.451 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29

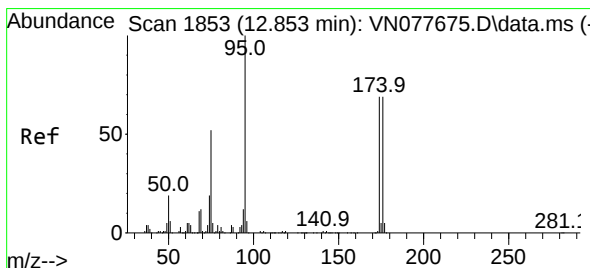
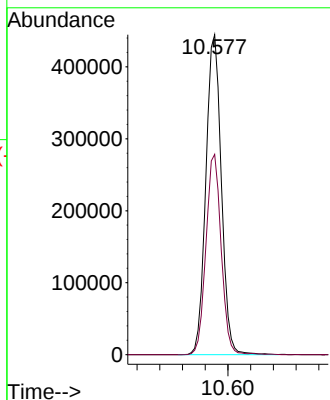
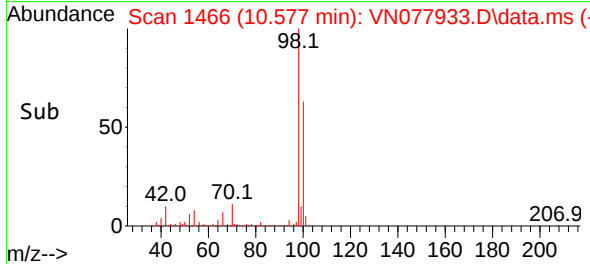
Instrument :
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ClientSampleId :
MW36BR-20230522



Tgt Ion: 98 Resp: 837324
Ion Ratio Lower Upper
98 100
100 61.4 52.0 78.0

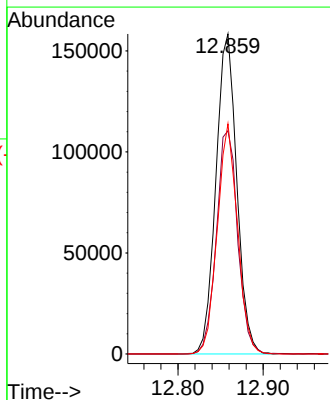
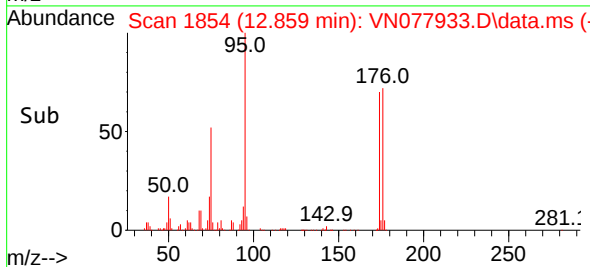
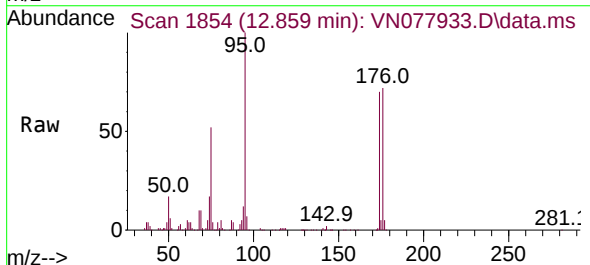
Manual Integrations
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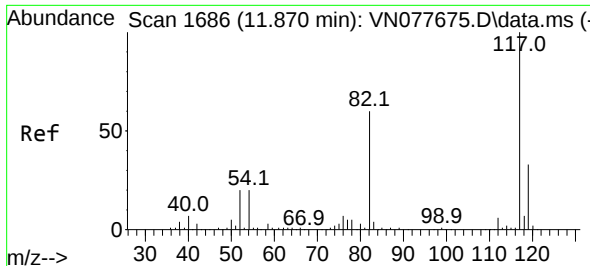
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29

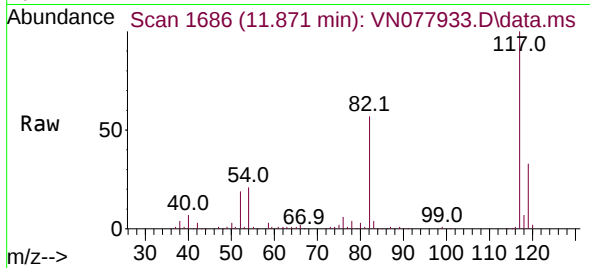
Tgt Ion: 95 Resp: 270065
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.8
176 69.8 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29

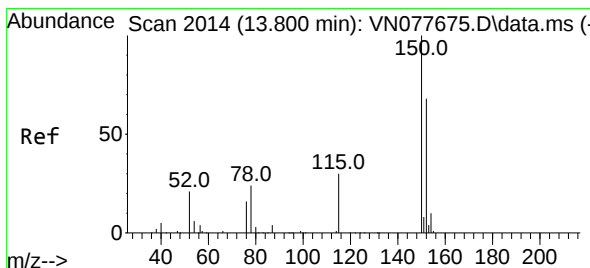
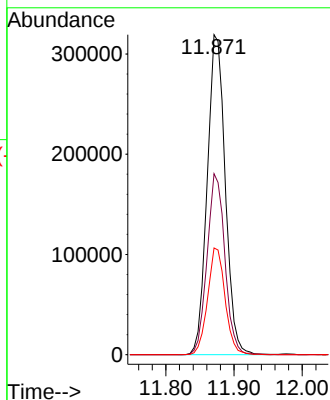
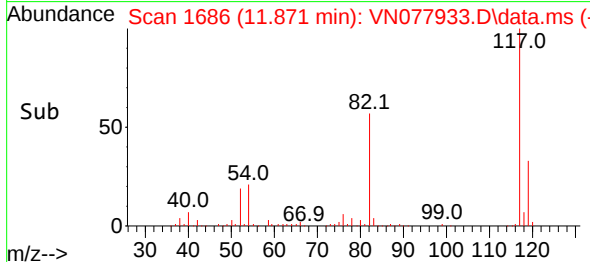
Instrument :
MSVOA_N
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MW36BR-20230522



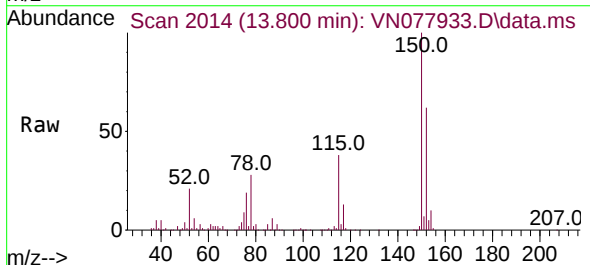
Tgt Ion:117 Resp: 588519
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 33.3 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077933.D
Acq: 26 May 2023 17:29



Tgt Ion:152 Resp: 191270
Ion Ratio Lower Upper
152 100
115 60.6 32.3 96.8
150 156.5 0.0 355.8

