

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077934.D
 Acq On : 26 May 2023 17:53
 Operator : JC\MD
 Sample : 02898-03 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW24BR-20230522

Manual Integrations
 APPROVED

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

Quant Time: May 29 00:31:49 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	371766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	687826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	601127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	196102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	261337	46.981	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.960%		
35) Dibromofluoromethane	8.177	113	223503	49.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	10.576	98	851569	49.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.859	95	278922	45.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.500%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.524	62	32009	6.001	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	2825m	0.687	ug/l	
12) 1,1-Dichloroethene	4.359	96	1370	0.350	ug/l #	68
21) trans-1,2-Dichloroethene	5.800	96	1414	0.322	ug/l #	41
27) cis-1,2-Dichloroethene	7.494	96	231151	43.891	ug/l	97
44) Trichloroethene	9.359	130	854148	174.246	ug/l	99

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

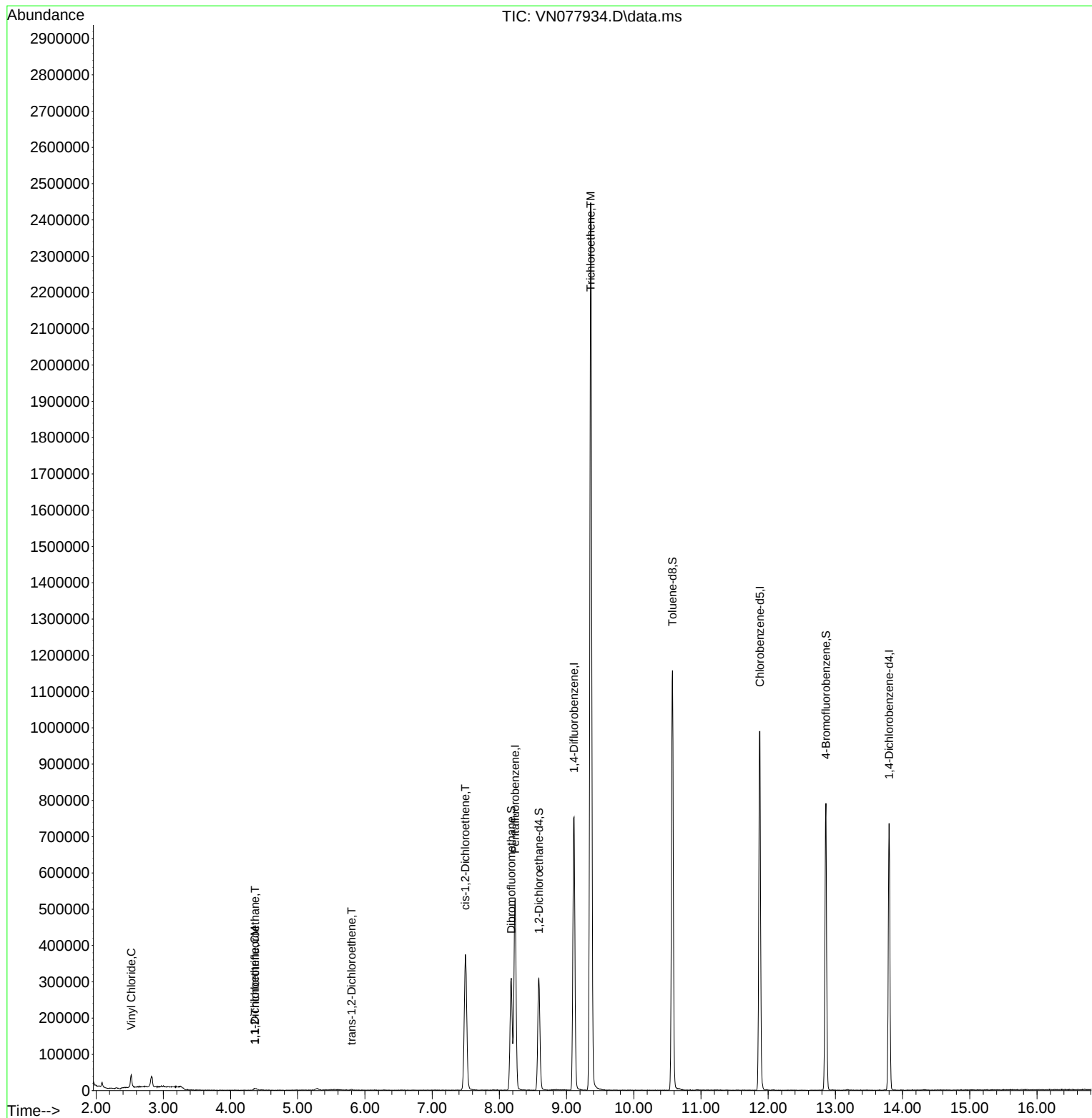
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
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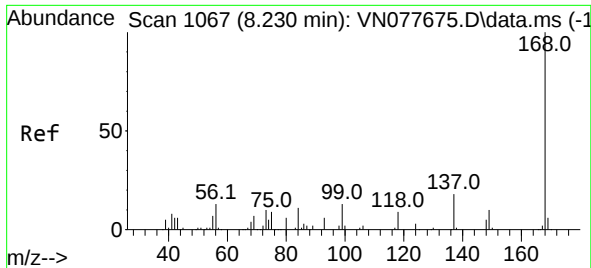
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Quant Time: May 29 00:31:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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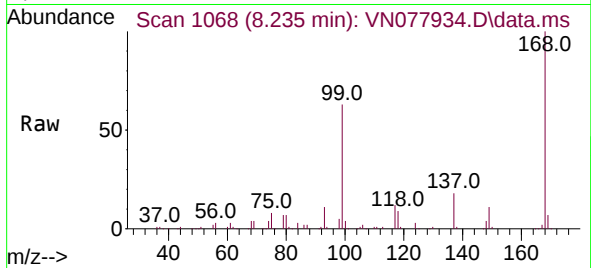
Reviewed By : John Carlone 05/30/2023
Supervised By : Mahesh Dadoda 05/30/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53

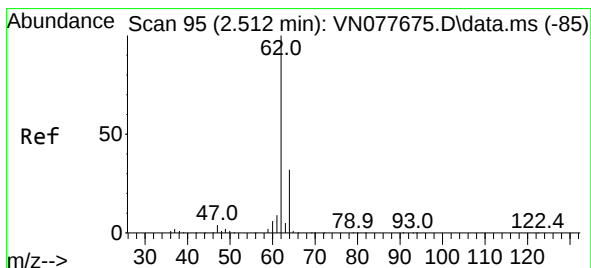
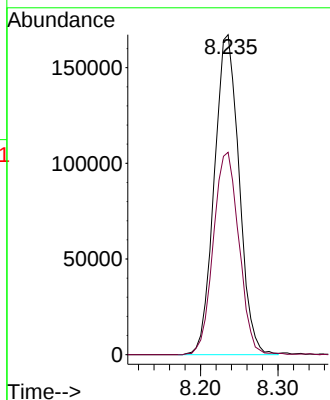
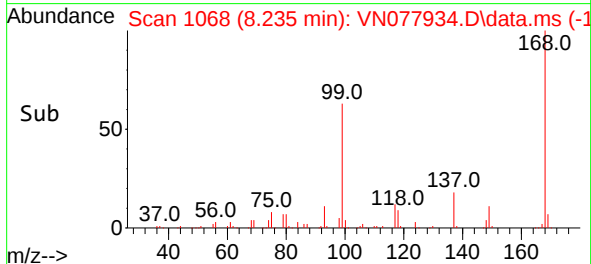
Instrument :
MSVOA_N
ClientSampleId :
MW24BR-20230522



Tgt Ion:168 Resp: 371760
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6

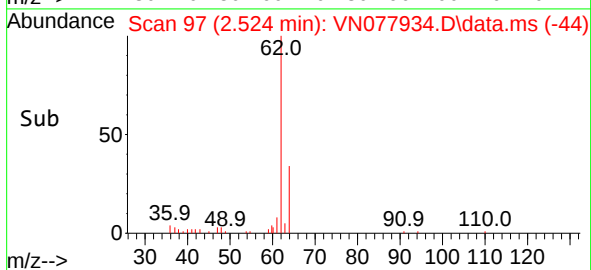
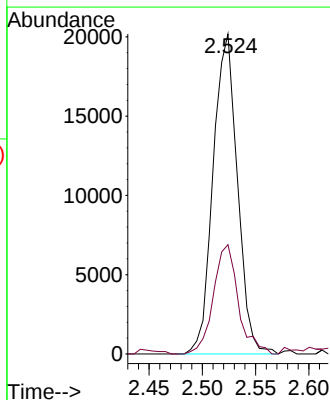
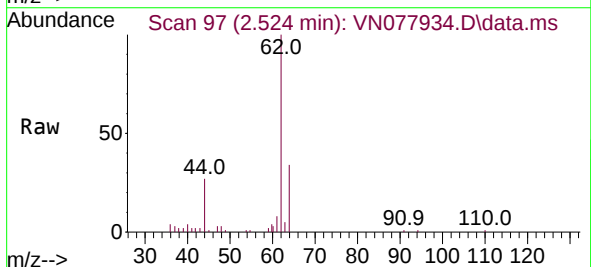
Manual Integrations
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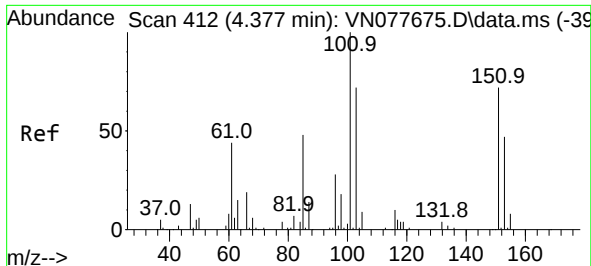
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#4
Vinyl Chloride
Concen: 6.001 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53

Tgt Ion: 62 Resp: 32009
Ion Ratio Lower Upper
62 100
64 34.1 26.2 39.2





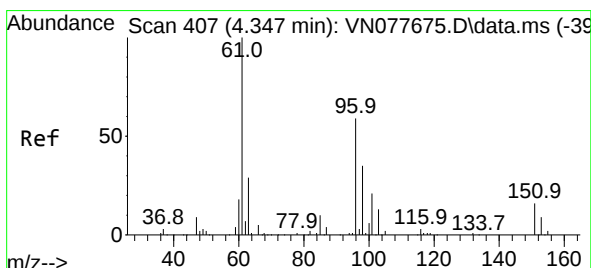
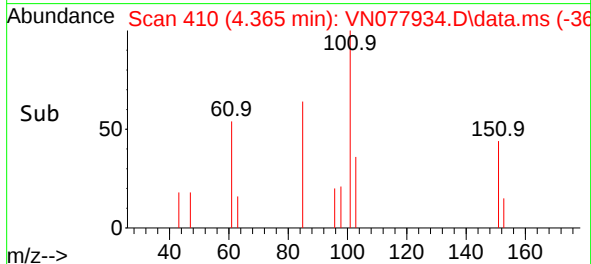
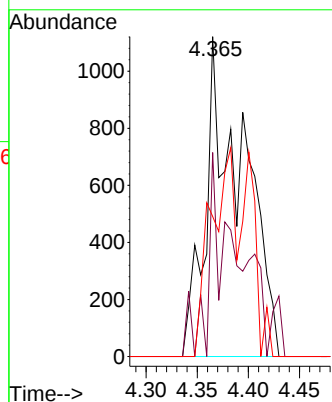
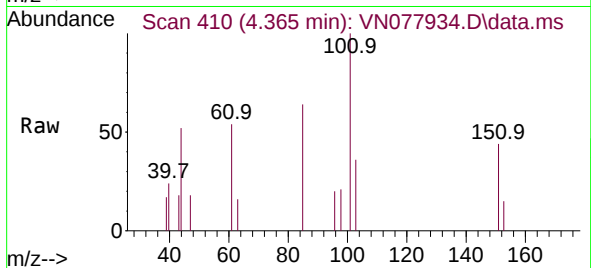
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.687 ug/l m
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53

Instrument :
MSVOA_N
ClientSampleId :
MW24BR-20230522

Tgt Ion:101 Resp: 282
Ion Ratio Lower Upper
101 100
85 14.1 36.6 55.0
151 42.5 57.6 86.4

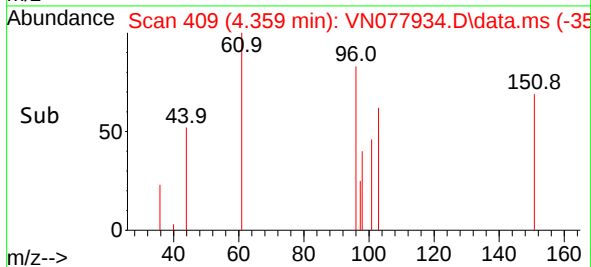
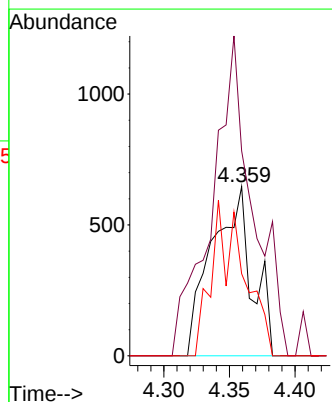
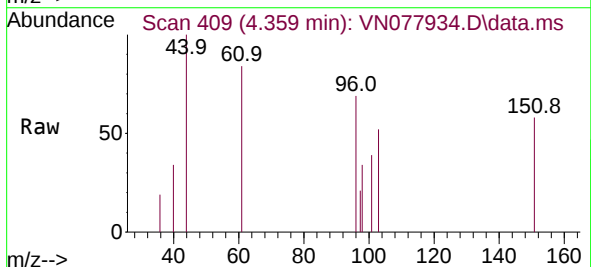
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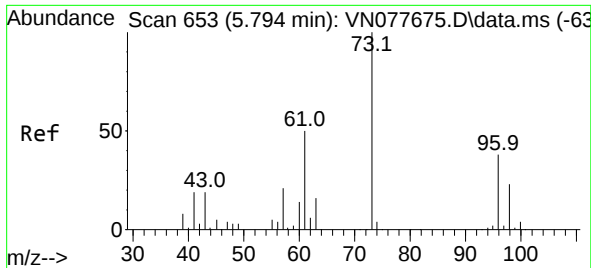
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#12
1,1-Dichloroethene
Concen: 0.350 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53

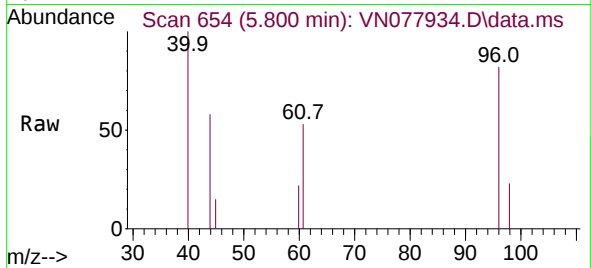
Tgt Ion: 96 Resp: 1370
Ion Ratio Lower Upper
96 100
61 95.1 112.7 169.1#
98 48.5 51.2 76.8#





#21
trans-1,2-Dichloroethene
Concen: 0.322 ug/l
RT: 5.800 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53

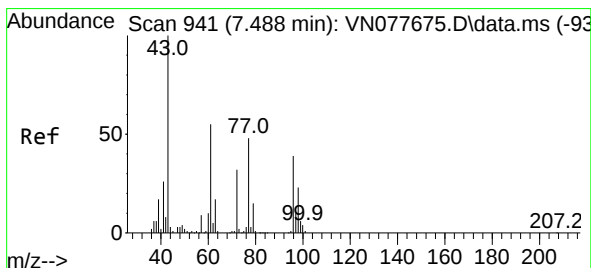
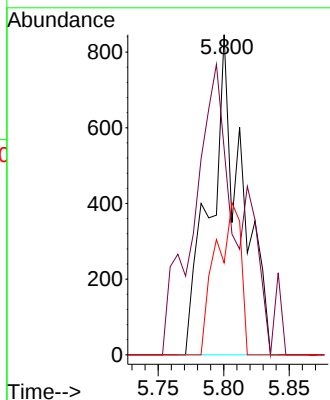
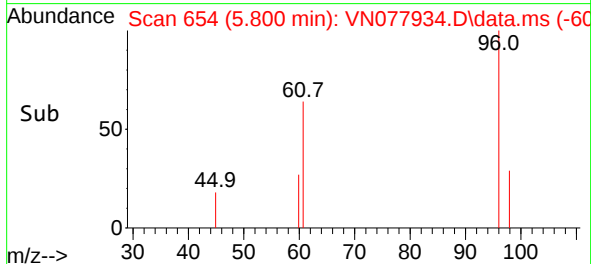
Instrument :
MSVOA_N
ClientSampleId :
MW24BR-20230522



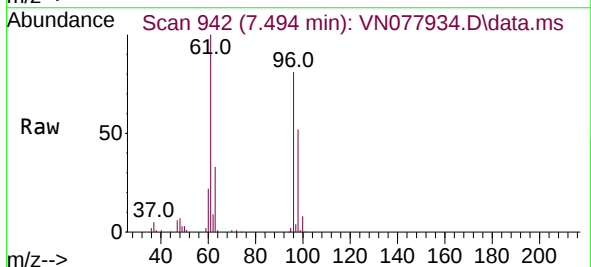
Tgt Ion: 96 Resp: 1414
Ion Ratio Lower Upper
96 100
61 38.8 90.1 135.1
98 28.7 46.4 69.6

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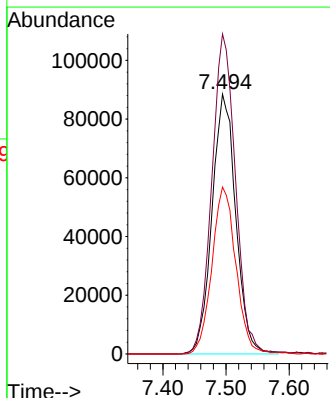
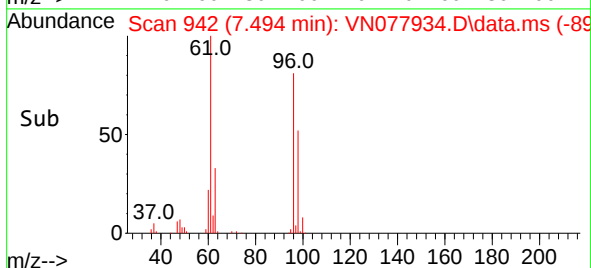
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

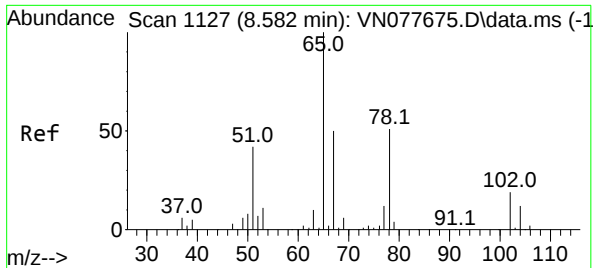


#27
cis-1,2-Dichloroethene
Concen: 43.891 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53



Tgt Ion: 96 Resp: 231151
Ion Ratio Lower Upper
96 100
61 122.8 0.0 255.2
98 64.8 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 46.981 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077934.D

Acq: 26 May 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW24BR-20230522

Tgt Ion: 65 Resp: 26133

Ion Ratio Lower Upper

65 100

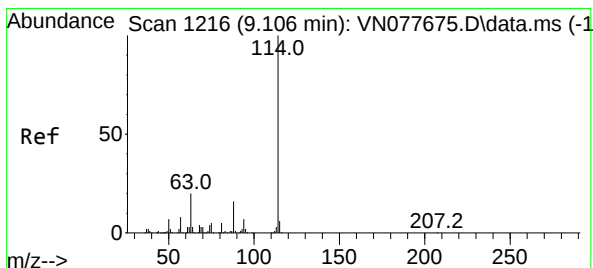
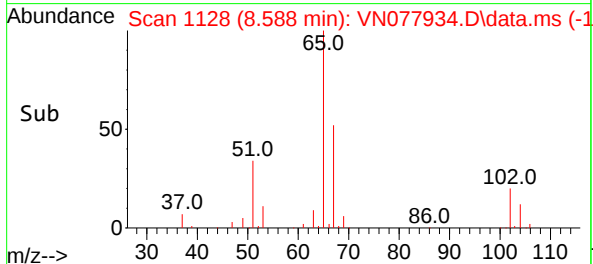
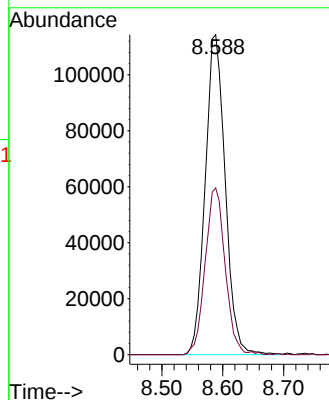
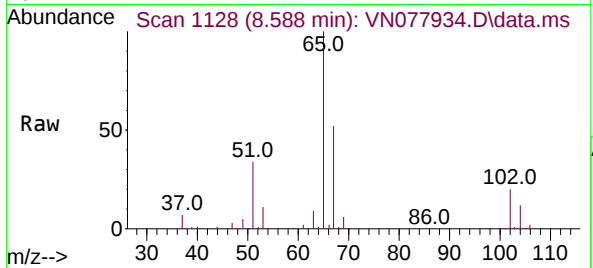
67 52.1 0.0 106.6

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: VN077934.D

Acq: 26 May 2023 17:53

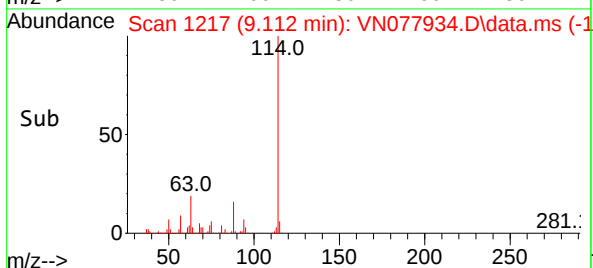
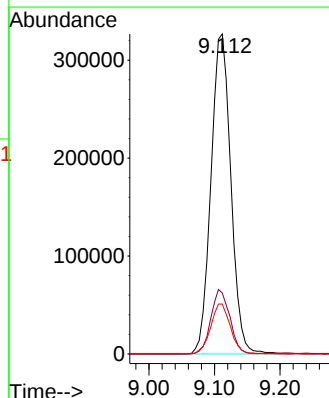
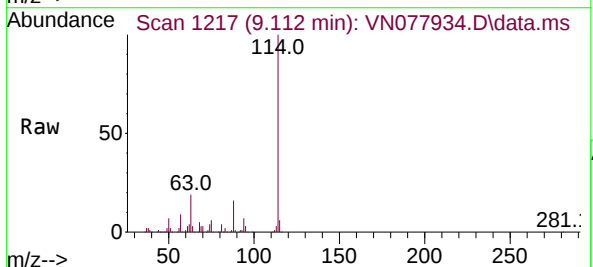
Tgt Ion:114 Resp: 687826

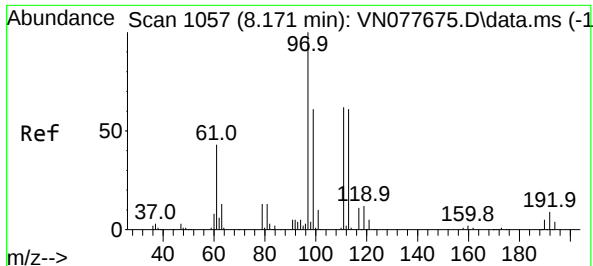
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077934.D

Acq: 26 May 2023 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW24BR-20230522

Tgt Ion:113 Resp: 22350

Ion Ratio Lower Upper

113 100

111 100.1 82.6 123.8

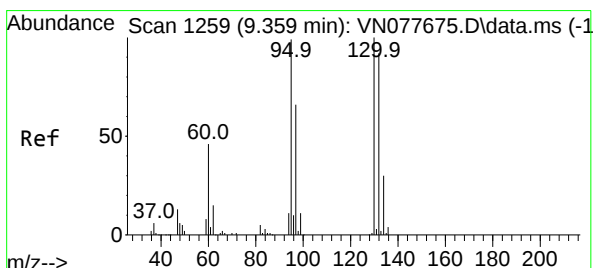
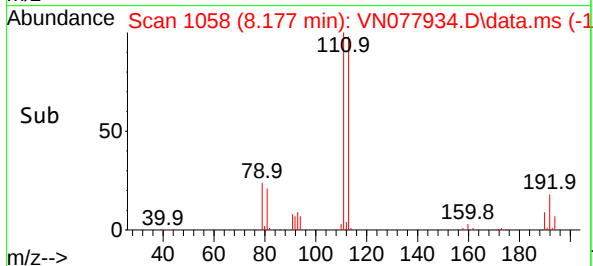
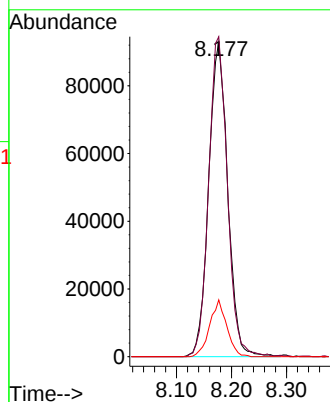
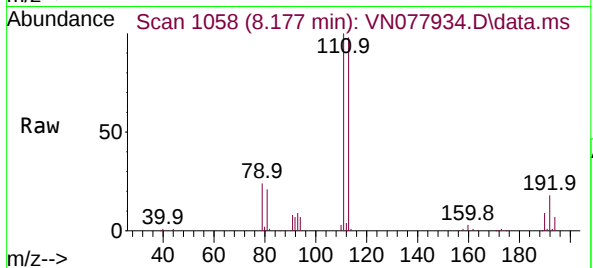
192 16.2 12.7 19.1

Manual Integrations

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#44

Trichloroethene

Concen: 174.246 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077934.D

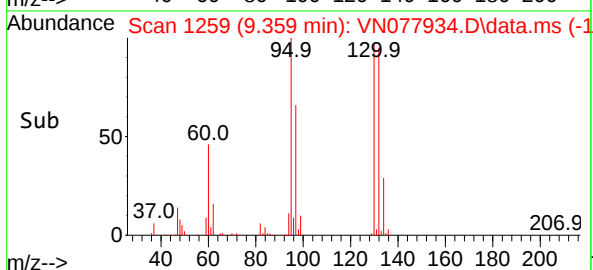
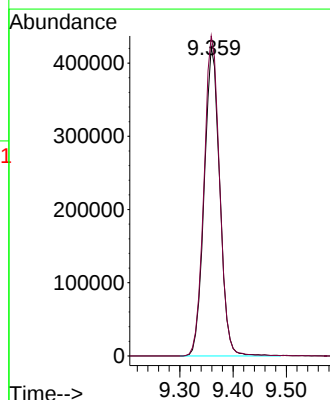
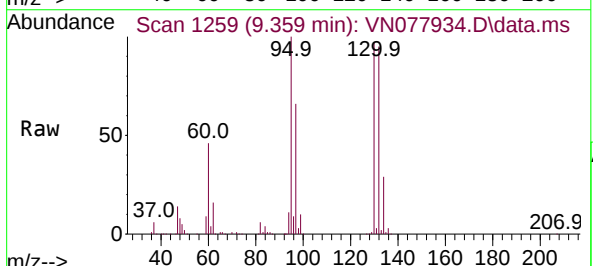
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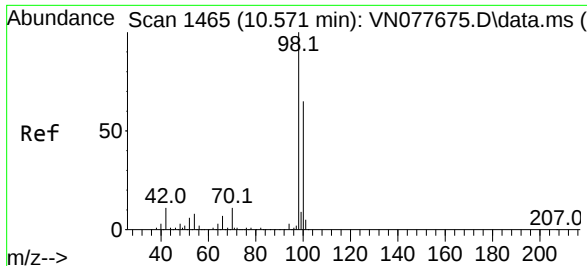
Tgt Ion:130 Resp: 854148

Ion Ratio Lower Upper

130 100

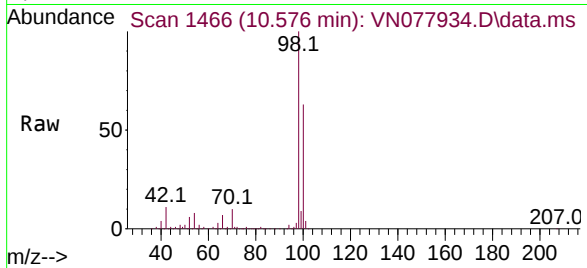
95 103.5 0.0 204.6





#50
Toluene-d8
Concen: 49.326 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53

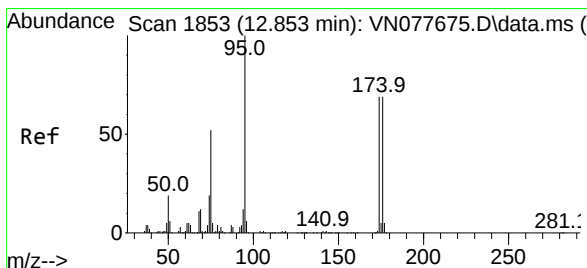
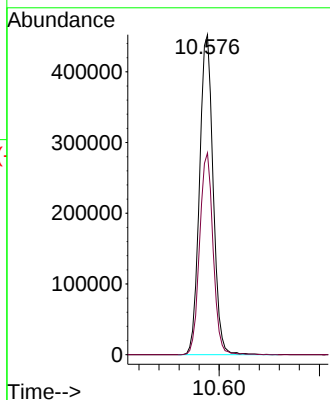
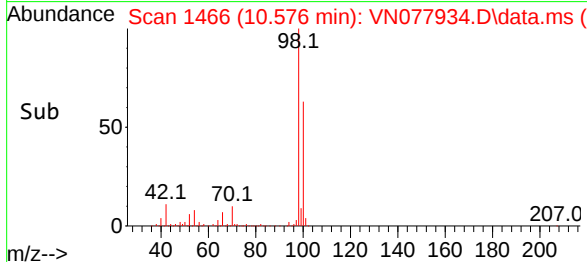
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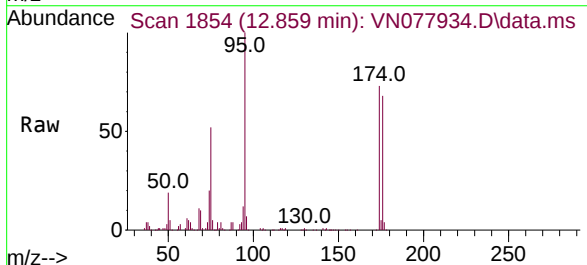
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Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0

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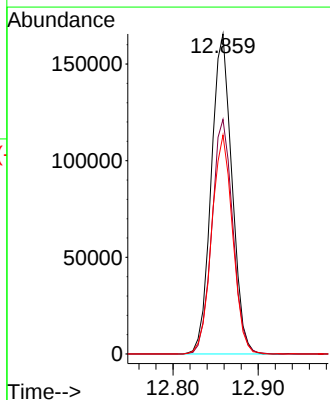
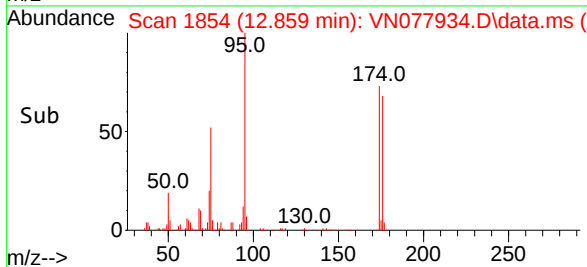
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

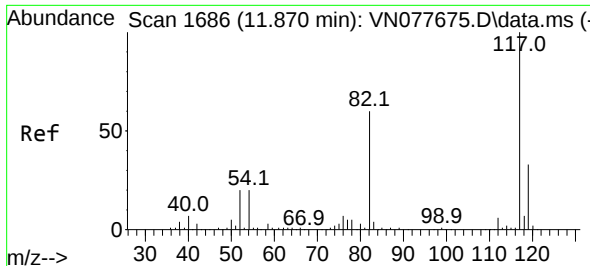


#62
4-Bromofluorobenzene
Concen: 45.745 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53



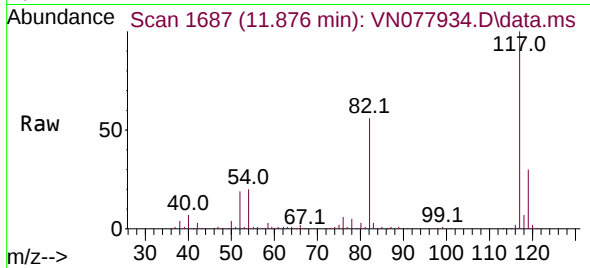
Tgt Ion: 95 Resp: 278922
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 69.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077934.D
Acq: 26 May 2023 17:53

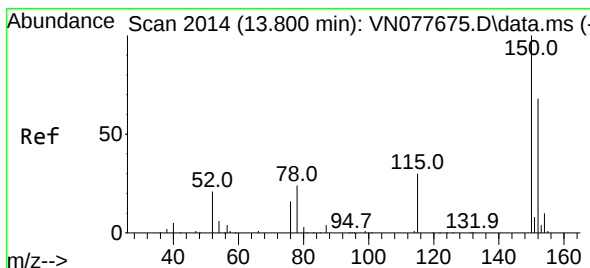
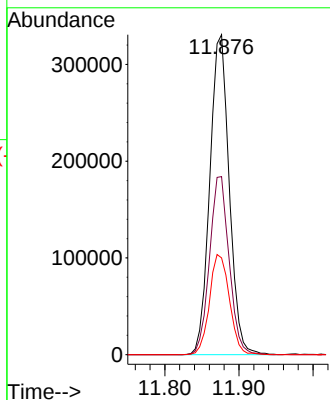
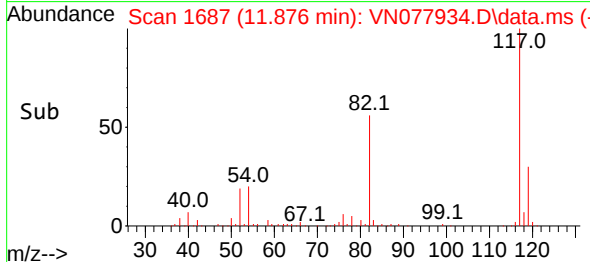
Instrument :
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ClientSampleId :
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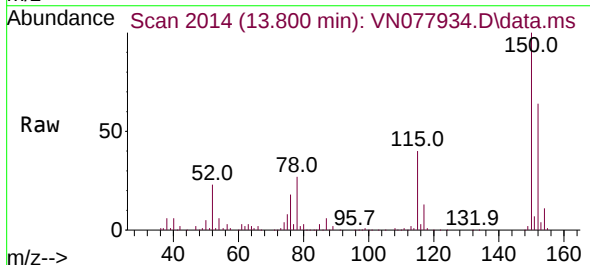
Tgt Ion:117 Resp: 60112
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 30.2 25.6 38.4

Manual Integrations
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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: VN077934.D
Acq: 26 May 2023 17:53



Tgt Ion:152 Resp: 196102
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 157.2 0.0 355.8

