

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035201.D
 Acq On : 20 Apr 2023 03:48
 Operator : JC/MD
 Sample : 02378-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:11:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	433871	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	384357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	197230	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	115718	41.363	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.720%		
7) Chloroethane-d5	1.672	69	94409	46.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.400%		
11) 1,1-Dichloroethene-d2	2.306	65	61283	45.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.560%		
21) 2-Butanone-d5	4.458	46	208561	111.870	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.870%		
24) Chloroform-d	5.056	84	271992	51.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.260%		
26) 1,2-Dichloroethane-d4	5.958	65	184481	54.528	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.060%		
32) Benzene-d6	5.976	84	571681	51.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.560%		
36) 1,2-Dichloropropane-d6	7.305	67	178848	53.029	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.060%		
41) Toluene-d8	8.647	98	507671	50.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.620%		
43) trans-1,3-Dichloroprop...	8.951	79	69825	47.374	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.740%		
47) 2-Hexanone-d5	9.384	63	153519	113.351	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.350%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	225674	54.637	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.280%		
66) 1,2-Dichlorobenzene-d4	12.323	152	190452	49.829	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.660%		
Target Compounds					Qvalue	
25) Chloroform	5.086	83	22703	4.352	ug/L	99
31) Carbon tetrachloride	5.678	117	16712	4.372	ug/L	100
33) Benzene	6.050	78	15947092	1370.053	ug/L	100
51) Chlorobenzene	10.092	112	14141151m	1777.401	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	1139022	186.221	ug/L	100
65) 1,4-Dichlorobenzene	12.048	146	9530482	1522.731	ug/L	# 83
67) 1,2-Dichlorobenzene	12.341	146	10491275	1691.636	ug/L	# 81
70) 1,2,4-trichlorobenzene	13.591	180	1479334	417.811	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	310905	88.947	ug/L	98

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

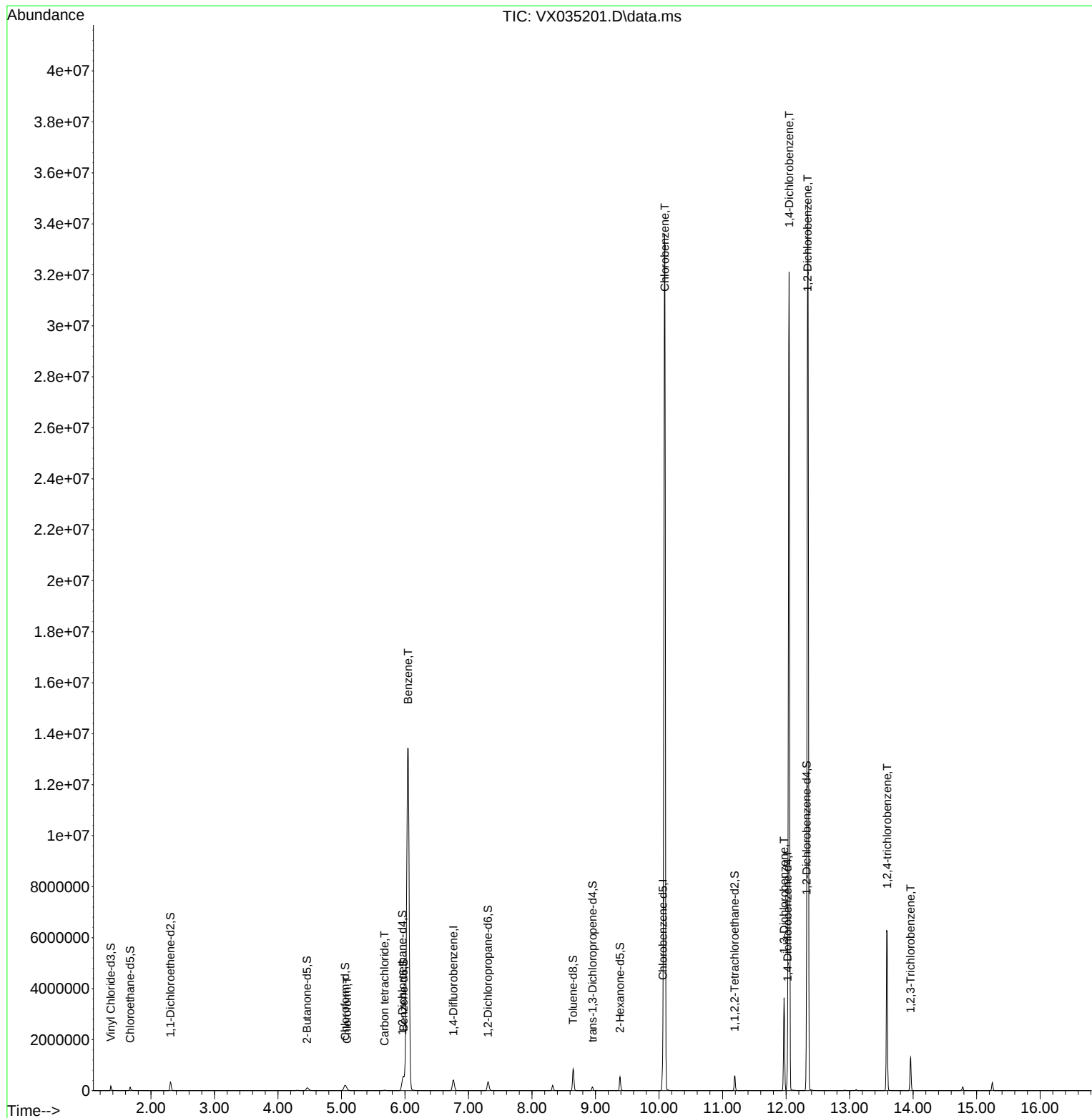
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
Data File : VX035201.D
Acq On : 20 Apr 2023 03:48
Operator : JC/MD
Sample : 02378-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

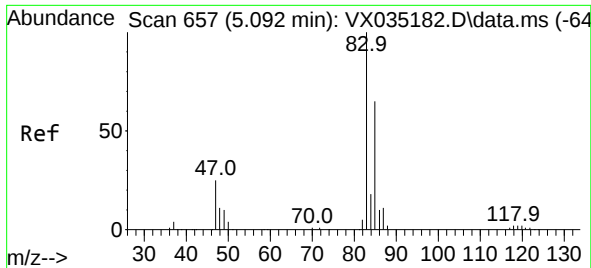
Instrument :
MSVOA_X
ClientSampleId :
COML2

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/20/2023
Supervised By : Mahesh Dadoda 04/21/2023

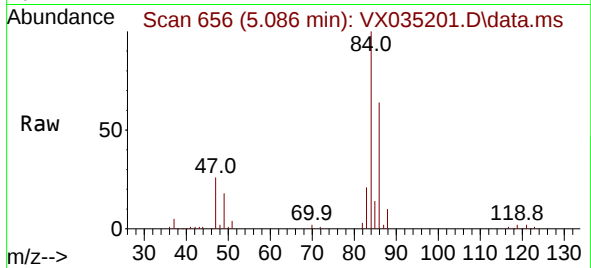
Quant Time: Apr 20 05:11:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration





#25
Chloroform
Concen: 4.352 ug/L
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035201.D
Acq: 20 Apr 2023 03:48

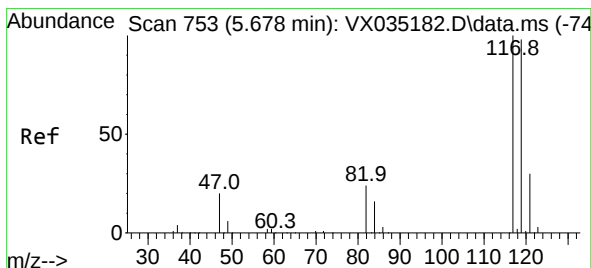
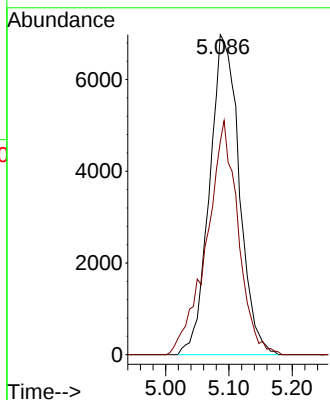
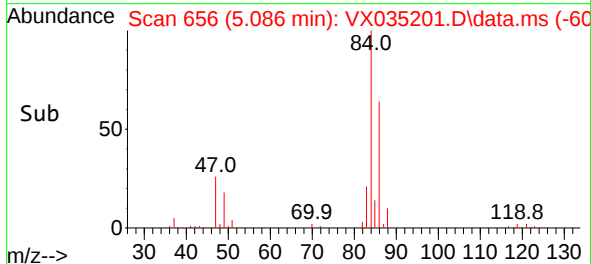
Instrument :
MSVOA_X
ClientSampleId :
COML2



Tgt Ion: 83 Resp: 2270
Ion Ratio Lower Upper
83 100
85 66.5 46.0 85.4

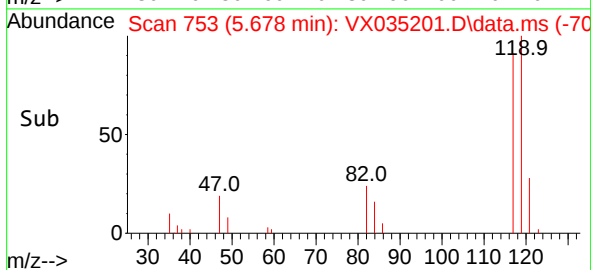
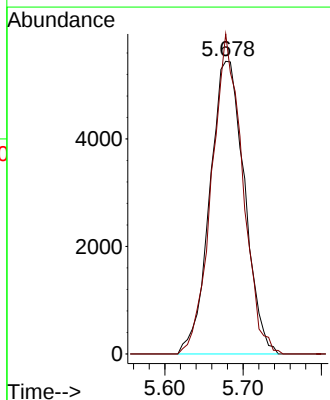
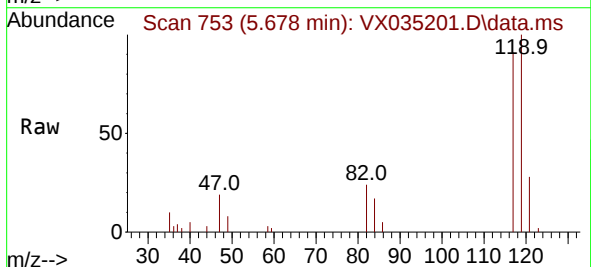
Manual Integrations
APPROVED

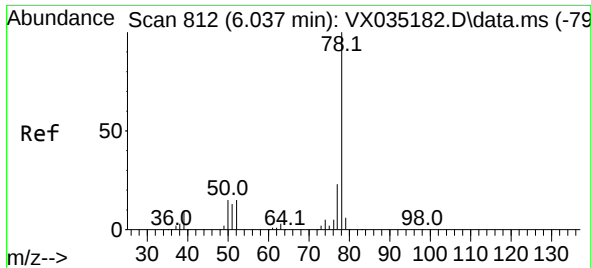
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#31
Carbon tetrachloride
Concen: 4.372 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035201.D
Acq: 20 Apr 2023 03:48

Tgt Ion:117 Resp: 16712
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7





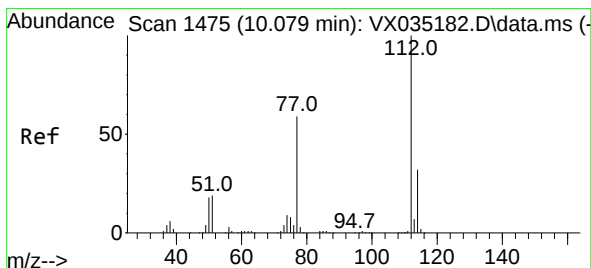
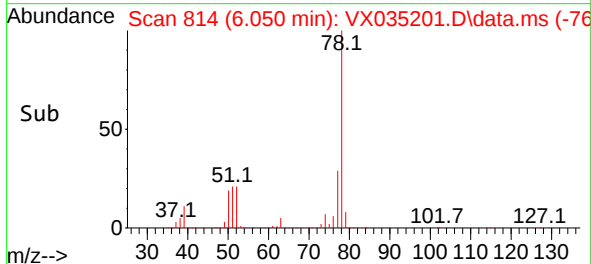
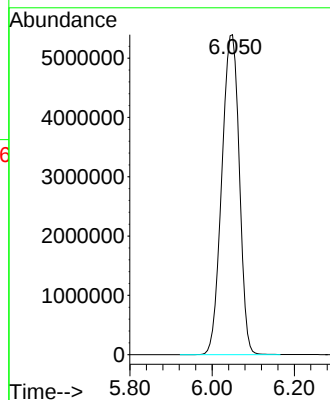
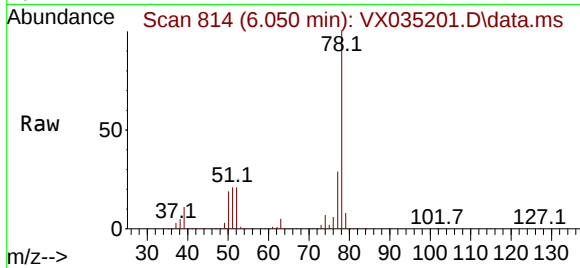
#33
Benzene
Concen: 1370.053 ug/L
RT: 6.050 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX035201.D
Acq: 20 Apr 2023 03:48

Instrument :
MSVOA_X
ClientSampleId :
COML2

Tgt Ion: 78 Resp:15947092

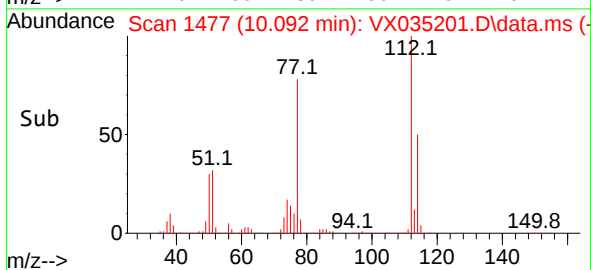
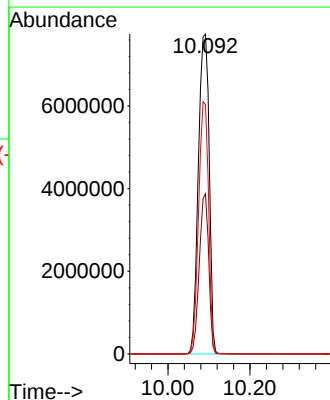
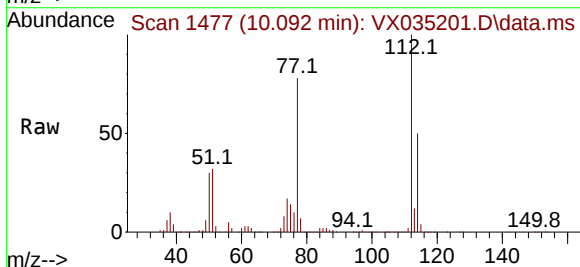
Manual Integrations
APPROVED

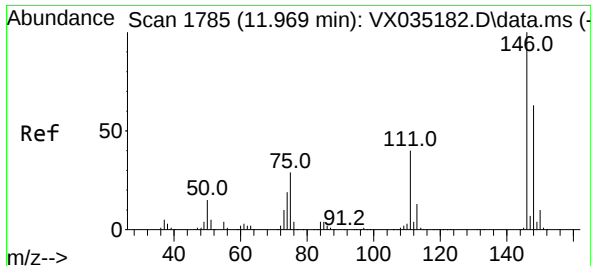
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#51
Chlorobenzene
Concen: 1777.401 ug/L m
RT: 10.092 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VX035201.D
Acq: 20 Apr 2023 03:48

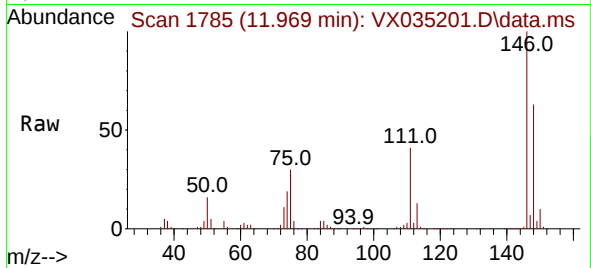
Tgt Ion:112 Resp:14141151
Ion Ratio Lower Upper
112 100
114 50.0 22.4 41.6#
77 78.0 47.0 70.6#





#64
1,3-Dichlorobenzene
Concen: 186.221 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035201.D
Acq: 20 Apr 2023 03:48

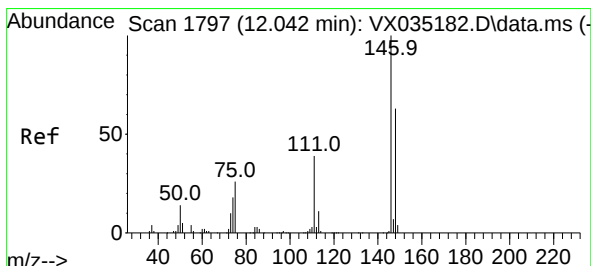
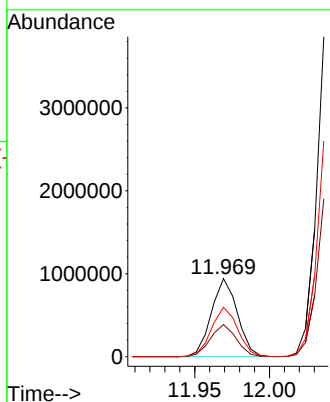
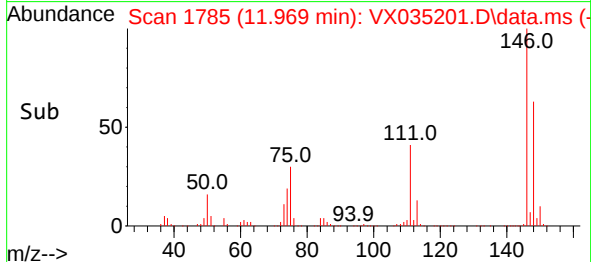
Instrument :
MSVOA_X
ClientSampleId :
COML2



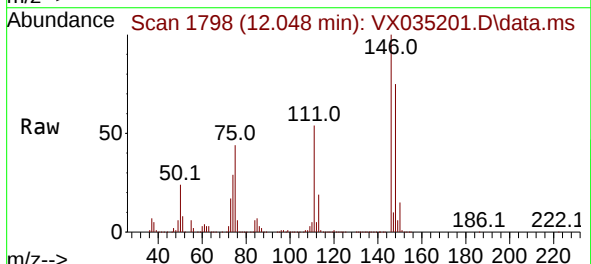
Tgt Ion:146 Resp: 113902
Ion Ratio Lower Upper
146 100
111 41.3 28.9 53.7
148 63.3 44.3 82.3

Manual Integrations
APPROVED

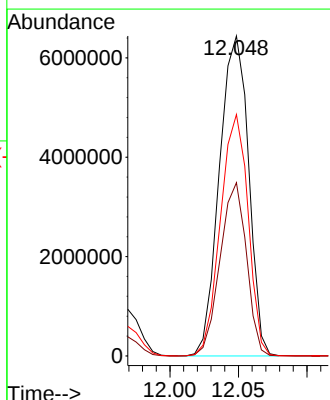
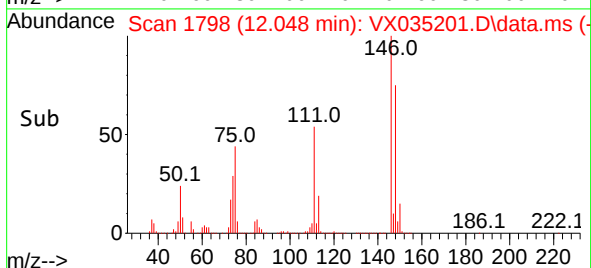
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023

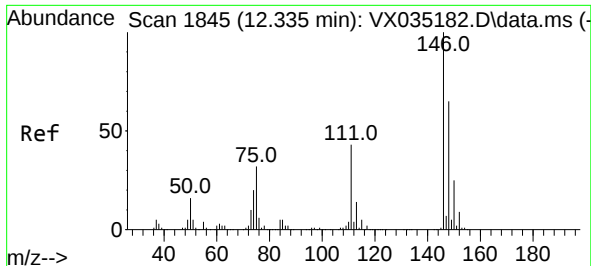


#65
1,4-Dichlorobenzene
Concen: 1522.731 ug/L
RT: 12.048 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX035201.D
Acq: 20 Apr 2023 03:48



Tgt Ion:146 Resp: 9530482
Ion Ratio Lower Upper
146 100
111 54.2 27.9 51.7#
148 75.4 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1691.636 ug/L

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035201.D

Acq: 20 Apr 2023 03:48

Instrument :

MSVOA_X

ClientSampleId :

COML2

Tgt Ion:146 Resp:1049127

Ion Ratio Lower Upper

146 100

111 59.7 34.7 52.1

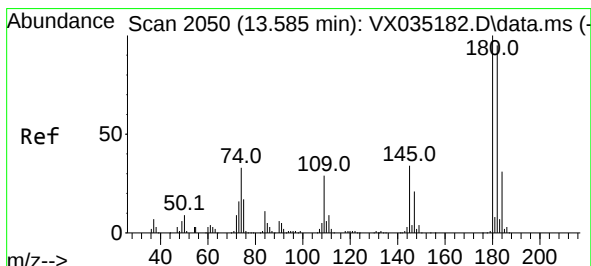
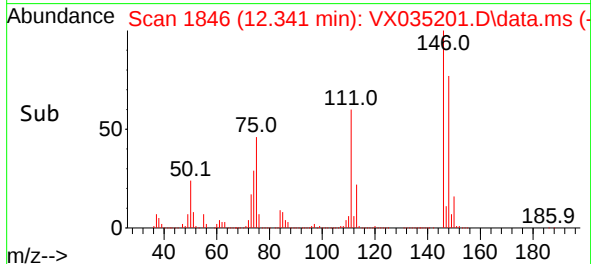
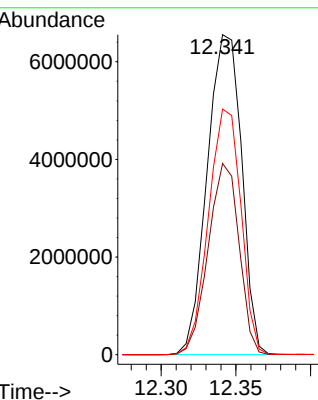
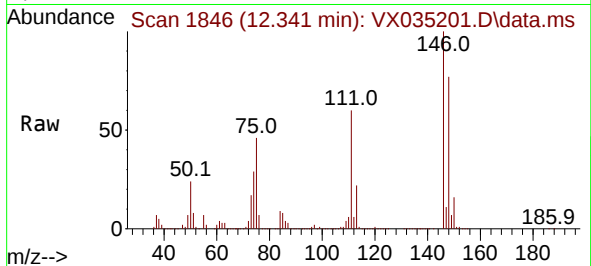
148 76.7 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/21/2023



#70

1,2,4-trichlorobenzene

Concen: 417.811 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035201.D

Acq: 20 Apr 2023 03:48

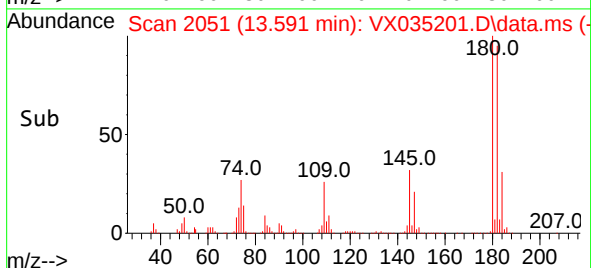
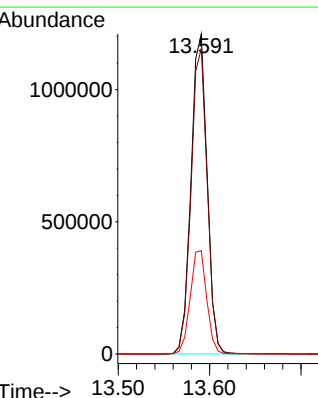
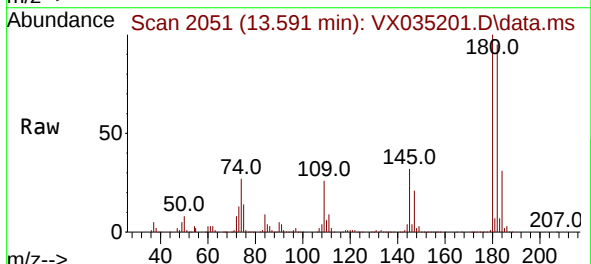
Tgt Ion:180 Resp: 1479334

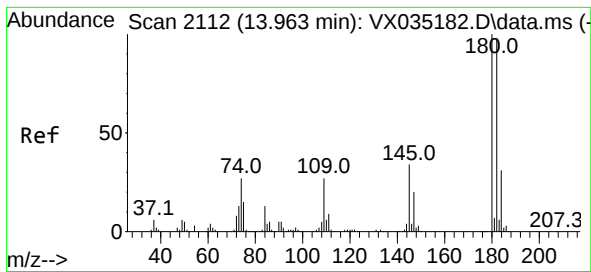
Ion Ratio Lower Upper

180 100

182 95.8 76.6 114.8

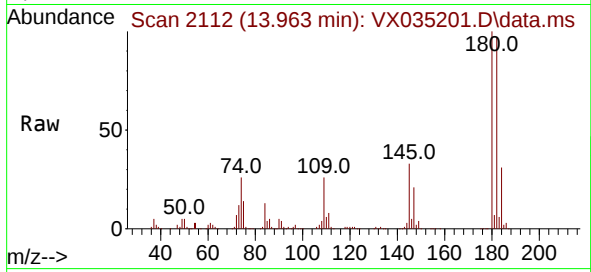
145 33.0 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 88.947 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035201.D
 Acq: 20 Apr 2023 03:48

Instrument :
 MSVOA_X
 ClientSampleId :
 COML2



Tgt Ion:180 Resp: 310909
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.0 112.6
 145 34.3 27.1 40.7

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/21/2023

