

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030647.D
 Acq On : 19 Apr 2023 03:27
 Operator : SY/MD
 Sample : 02398-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMNO

Manual Integrations
 APPROVED

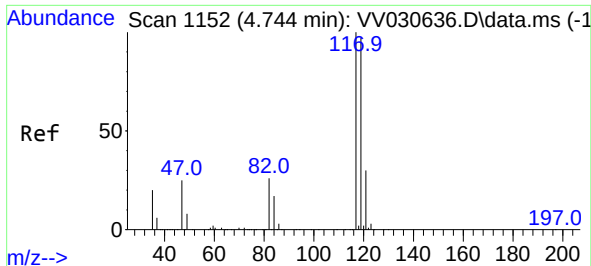
Reviewed By : John Carlone 04/19/2023
 Supervised By : Mahesh Dadoda 04/20/2023

Quant Time: Apr 19 04:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

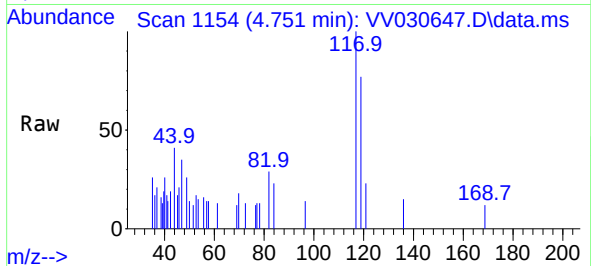
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240813	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	233817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	117596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57992	32.850	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.700%		
7) Chloroethane-d5	1.536	69	54125m	36.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.180%		
11) 1,1-Dichloroethene-d2	2.066	65	31222	37.294	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.580%		
21) 2-Butanone-d5	3.796	46	82835	85.429	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.430%		
24) Chloroform-d	4.259	84	126804	39.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.280%		
26) 1,2-Dichloroethane-d4	4.953	65	88465	43.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
32) Benzene-d6	4.969	84	228605	41.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.700%		
36) 1,2-Dichloropropane-d6	5.995	67	74311	43.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.560%		
41) Toluene-d8	7.252	98	196514	37.861	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.720%#		
43) trans-1,3-Dichloroprop...	7.561	79	32852	37.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.920%		
47) 2-Hexanone-d5	8.034	63	52305	77.322	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.320%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	104515	41.945	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.900%		
66) 1,2-Dichlorobenzene-d4	11.567	152	91120	48.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.500%		
Target Compounds						Qvalue
31) Carbon tetrachloride	4.751	117	1983	0.675	ug/L #	46
33) Benzene	5.018	78	795463	112.033	ug/L	100
51) Chlorobenzene	8.821	112	1291796	256.474	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	53938	14.690	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	353768	91.369	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	415515	112.174	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	140044	59.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	38102	16.316	ug/L	98

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



#31
Carbon tetrachloride
Concen: 0.675 ug/L
RT: 4.751 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

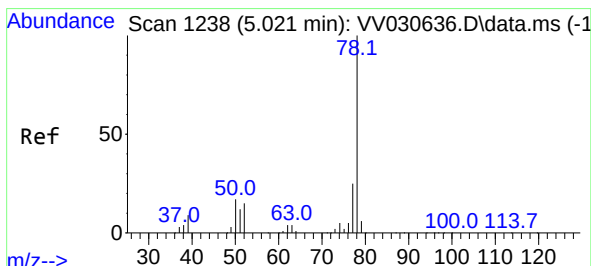
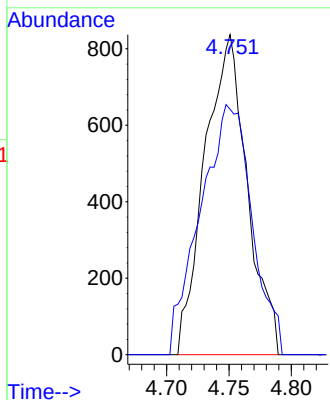
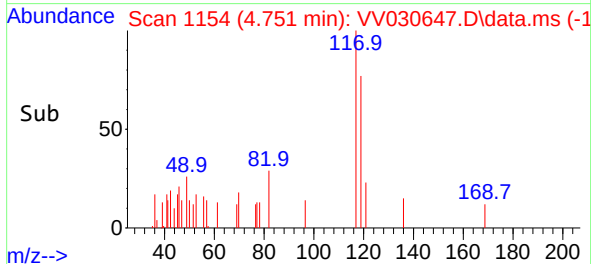
Instrument :
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COMNO



Tgt Ion:117 Resp: 198
Ion Ratio Lower Upper
117 100
119 42.3 75.9 113.9

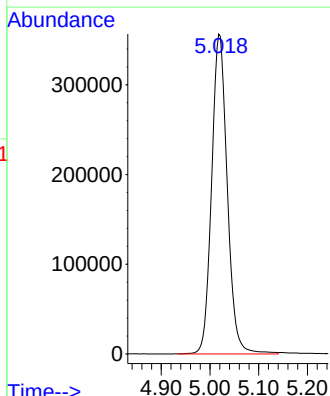
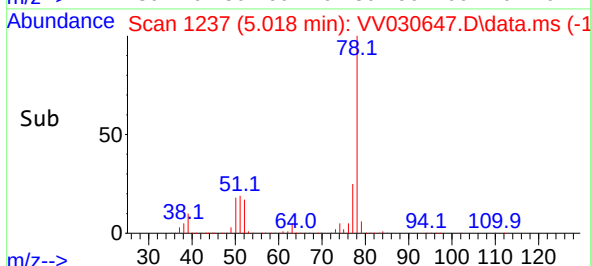
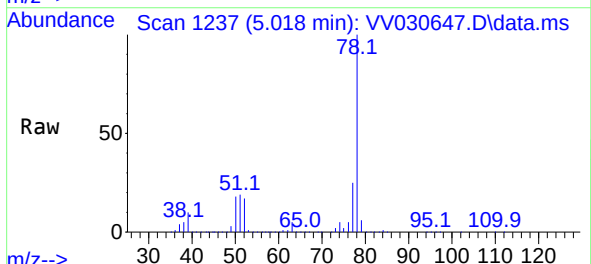
Manual Integrations
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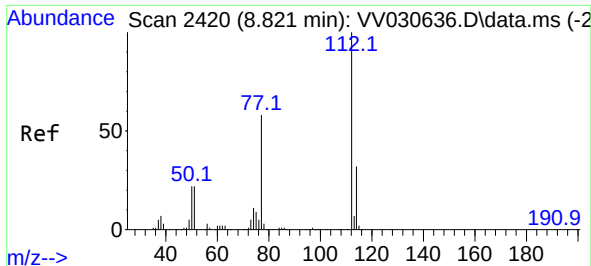
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/20/2023



#33
Benzene
Concen: 112.033 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

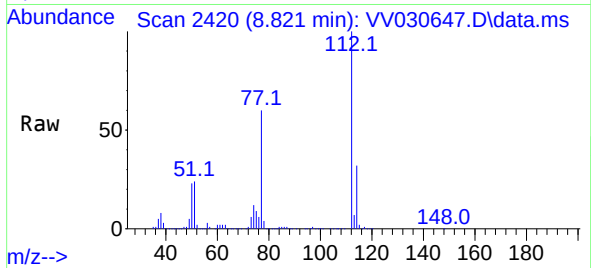
Tgt Ion: 78 Resp: 795463





#51
Chlorobenzene
Concen: 256.474 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

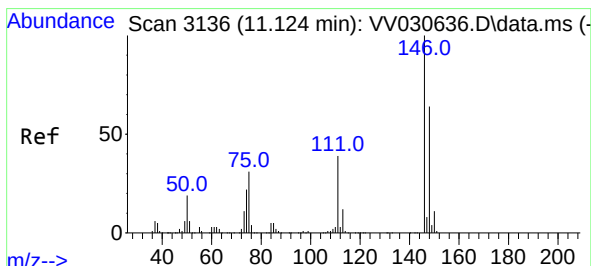
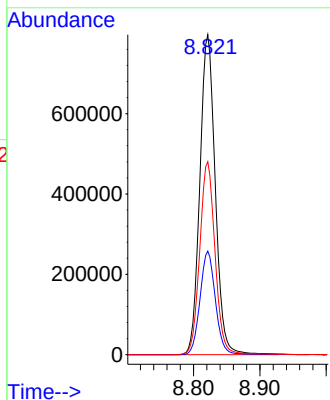
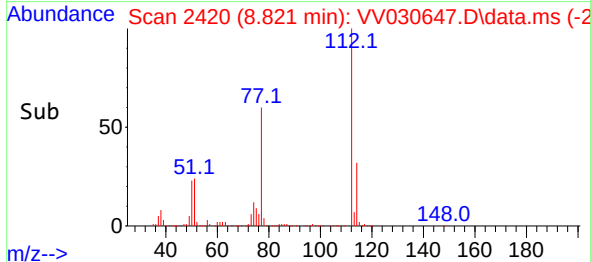
Instrument :
MSVOA_V
ClientSampleId :
COMN0



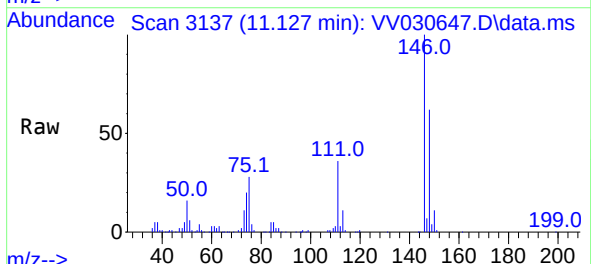
Tgt Ion:112 Resp: 1291790
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 60.3 47.4 71.0

Manual Integrations
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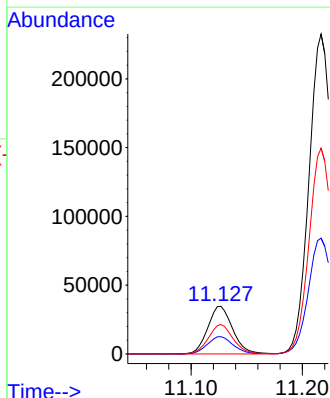
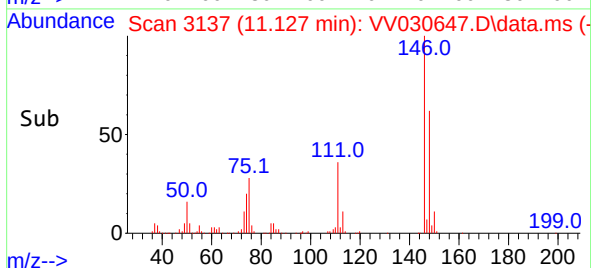
Reviewed By :John Carlone 04/19/2023
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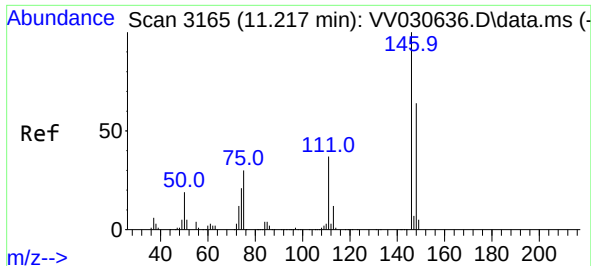


#64
1,3-Dichlorobenzene
Concen: 14.690 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27



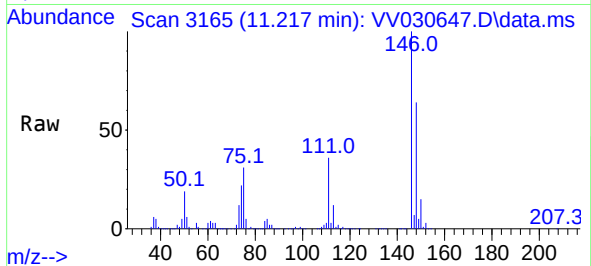
Tgt Ion:146 Resp: 53938
Ion Ratio Lower Upper
146 100
111 36.4 27.0 50.2
148 61.8 44.8 83.2





#65
1,4-Dichlorobenzene
Concen: 91.369 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

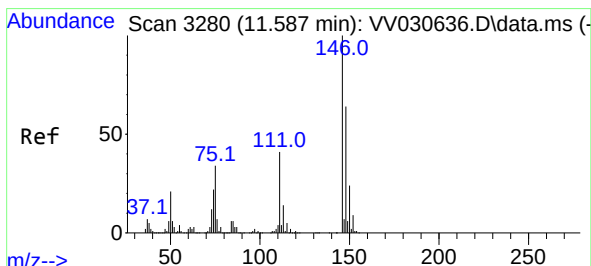
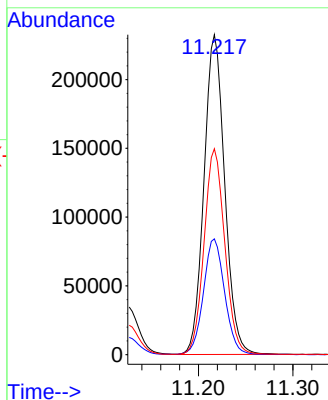
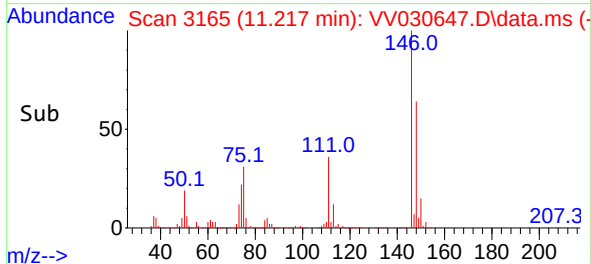
Instrument :
MSVOA_V
ClientSampleId :
COMNO



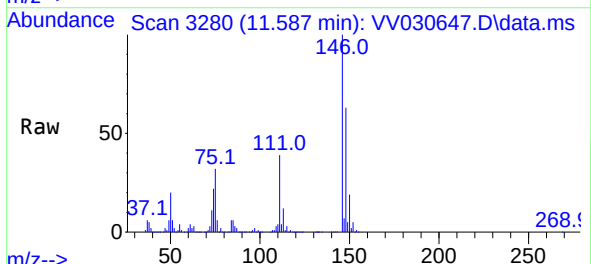
Tgt Ion:146 Resp: 353768
Ion Ratio Lower Upper
146 100
111 36.2 26.5 49.1
148 64.4 44.7 83.1

Manual Integrations
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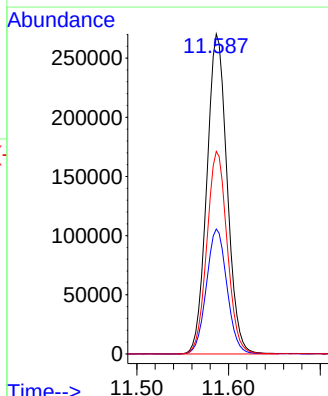
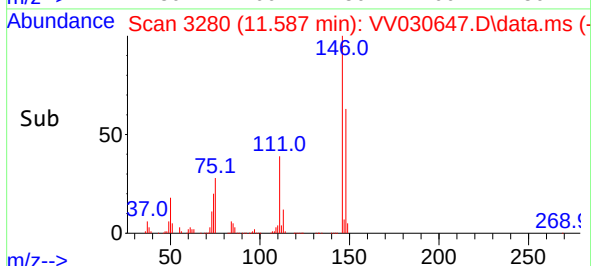
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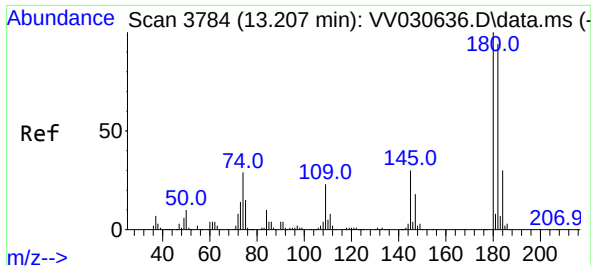


#67
1,2-Dichlorobenzene
Concen: 112.174 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27



Tgt Ion:146 Resp: 415515
Ion Ratio Lower Upper
146 100
111 39.1 32.0 48.0
148 63.3 50.6 76.0





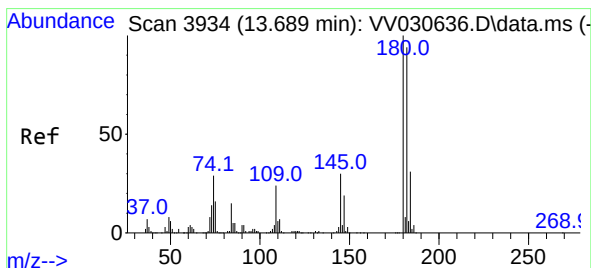
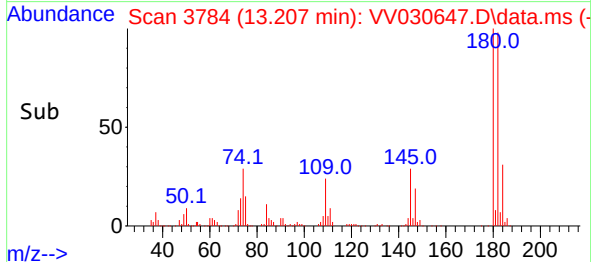
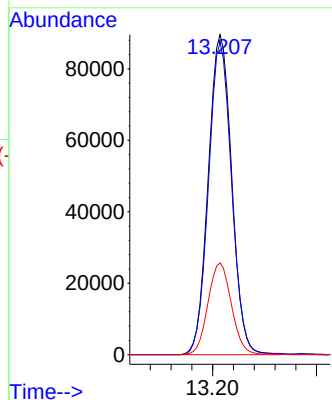
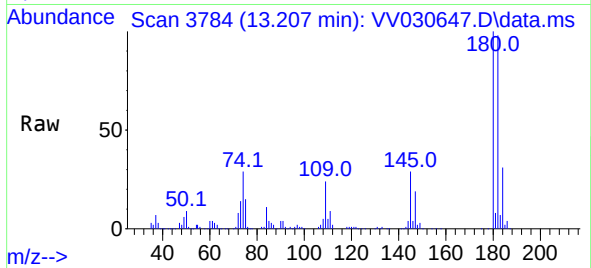
#70
1,2,4-trichlorobenzene
Concen: 59.466 ug/L
RT: 13.207 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

Instrument :
MSVOA_V
ClientSampleId :
COMNO

Tgt Ion:180 Resp: 140044
Ion Ratio Lower Upper
180 100
182 96.3 75.9 113.9
145 28.7 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/20/2023



#72
1,2,3-Trichlorobenzene
Concen: 16.316 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030647.D
Acq: 19 Apr 2023 03:27

Tgt Ion:180 Resp: 38102
Ion Ratio Lower Upper
180 100
182 97.6 76.2 114.4
145 30.3 25.1 37.7

