

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048168.D
 Acq On : 21 Apr 2022 13:25
 Operator : SY/MD
 Sample : N2486-11 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J44

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 01:49:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	345355	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347040	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	177057	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106773	42.634	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.260%		
7) Chloroethane-d5	1.916	69	90960	46.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.120%		
11) 1,1-Dichloroethene-d2	2.568	63	139950	30.543	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.080%		
21) 2-Butanone-d5	4.629	46	196775	91.541	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.540%		
24) Chloroform-d	5.067	84	203903	44.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.000%		
26) 1,2-Dichloroethane-d4	5.703	65	127030	45.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
32) Benzene-d6	5.729	84	410799	47.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.080%		
36) 1,2-Dichloropropane-d6	6.690	67	135617	50.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.140%		
41) Toluene-d8	7.899	98	352680	41.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.900%		
43) trans-1,3-Dichloroprop...	8.179	79	51913	38.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.420%		
47) 2-Hexanone-d5	8.636	63	133041	84.742	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.740%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	206223	44.807	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	160000	50.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.580%		
Target Compounds						Qvalue
31) Carbon tetrachloride	5.533	117	4573m	1.287	ug/L	
33) Benzene	5.777	78	7946616	791.089	ug/L	100
51) Chlorobenzene	9.449	112	4840714	646.827	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	46546	8.751	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1024230	185.918	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	738986	138.859	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	53493	14.139	ug/L	99

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

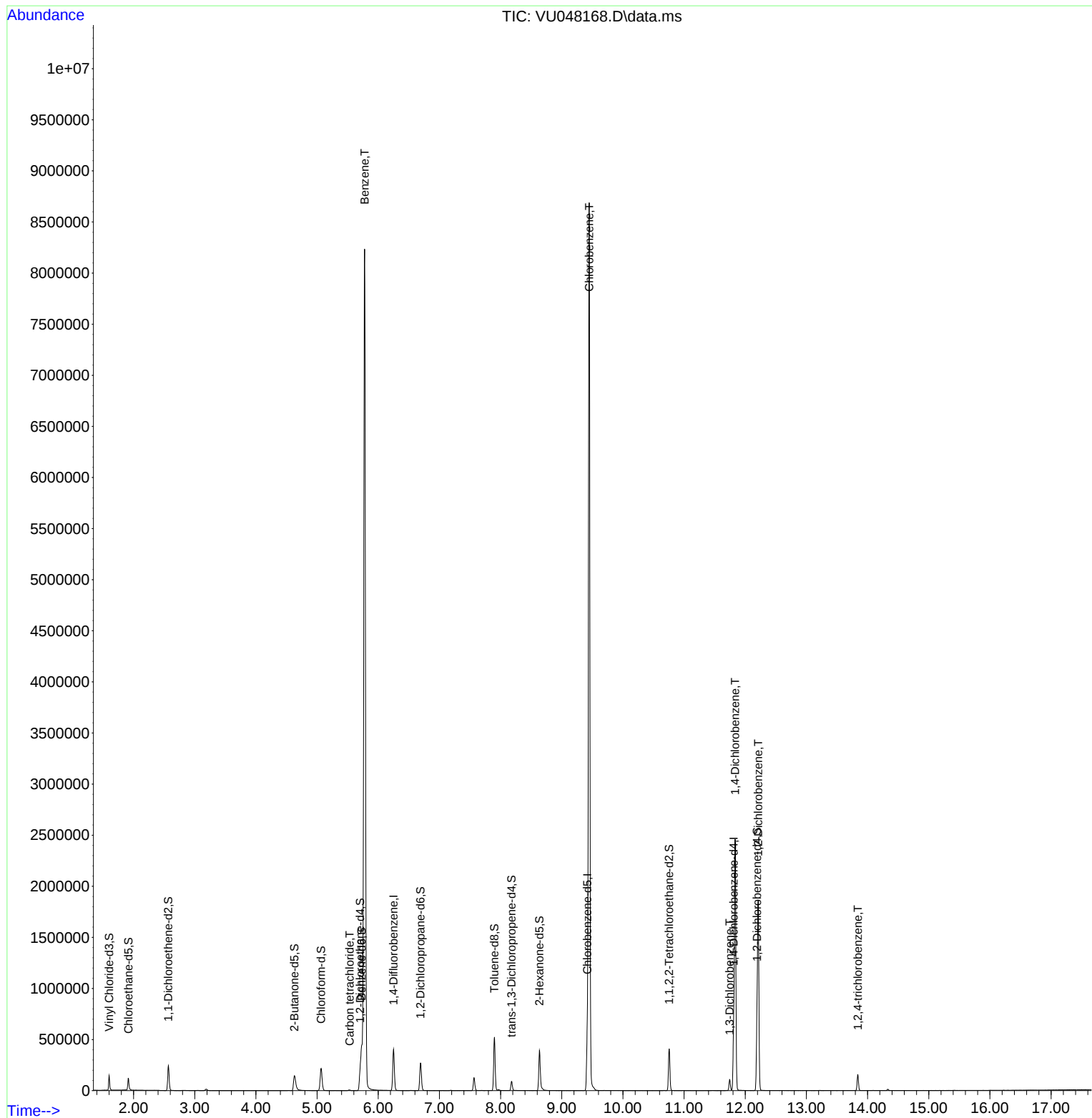
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
Data File : VU048168.D
Acq On : 21 Apr 2022 13:25
Operator : SY/MD
Sample : N2486-11 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

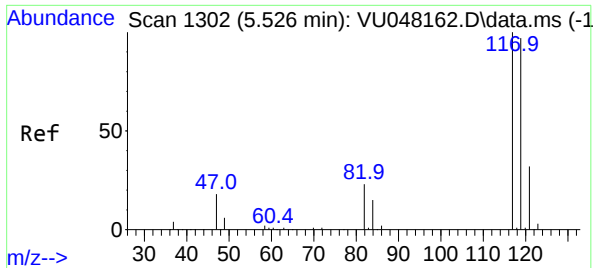
Instrument :
MSVOA_U
ClientSampleId :
C0J44

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 22 01:49:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 01:48:00 2022
Response via : Initial Calibration





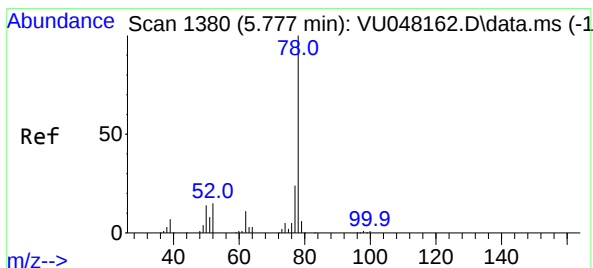
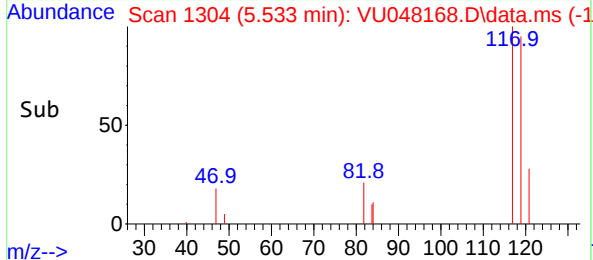
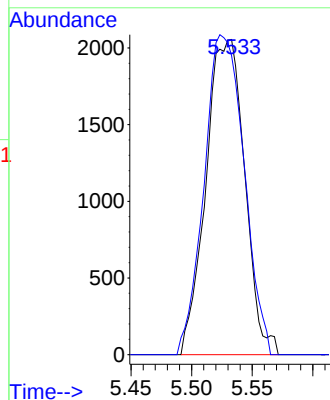
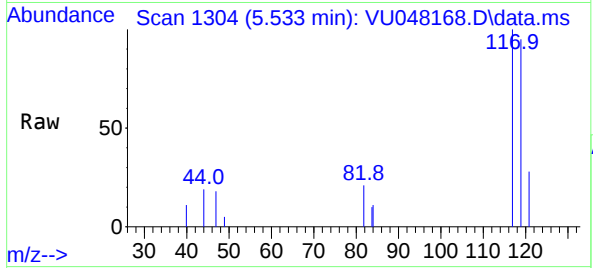
#31
Carbon tetrachloride
Concen: 1.287 ug/L m
RT: 5.533 min Scan# 117
Delta R.T. 0.007 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
C0J44

Tgt Ion:117 Resp: 457
Ion Ratio Lower Upper
117 100
119 104.3 77.2 115.8

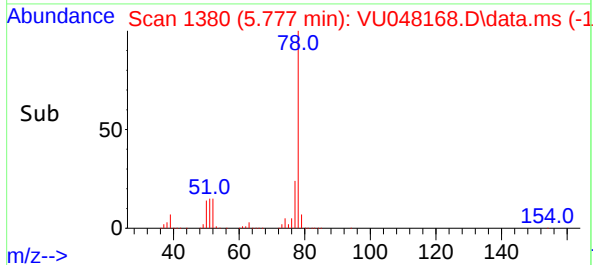
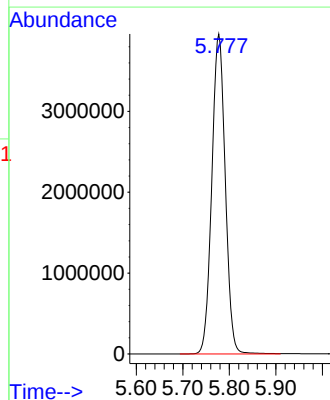
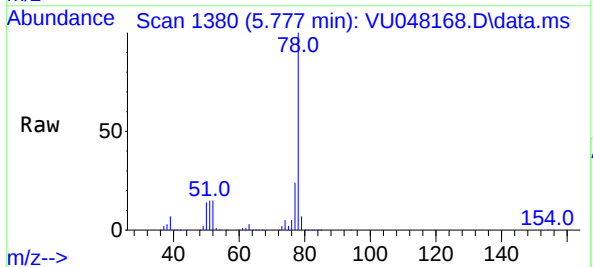
Manual Integrations
APPROVED

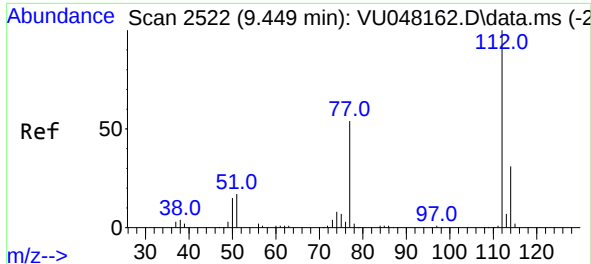
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/25/2022



#33
Benzene
Concen: 791.089 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

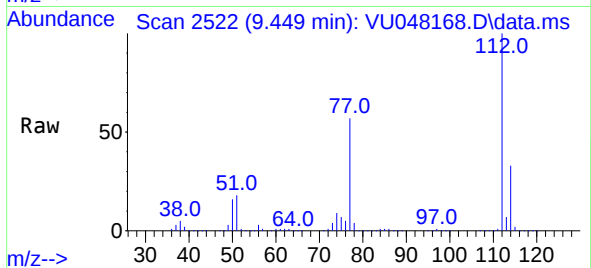
Tgt Ion: 78 Resp: 7946616





#51
Chlorobenzene
Concen: 646.827 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

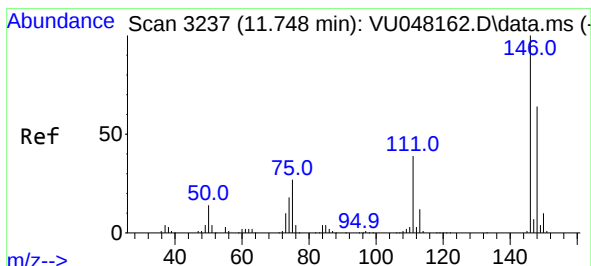
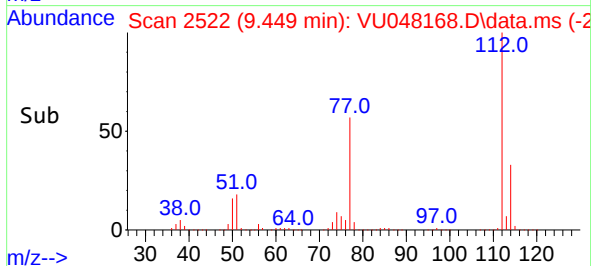
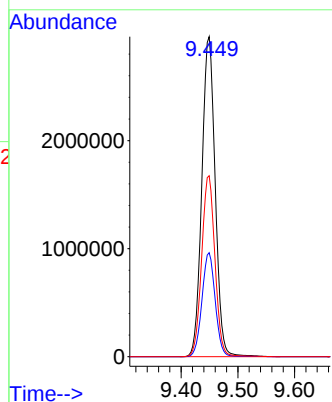
Instrument :
MSVOA_U
ClientSampleId :
C0J44



Tgt Ion:112 Resp: 4840714
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.6 43.4 65.0

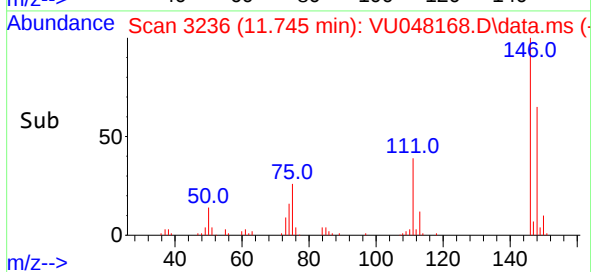
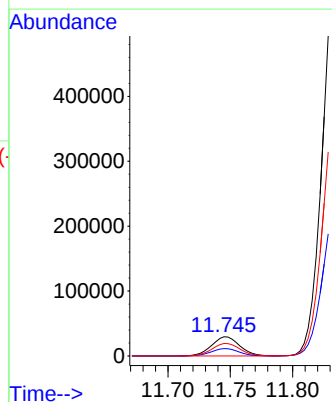
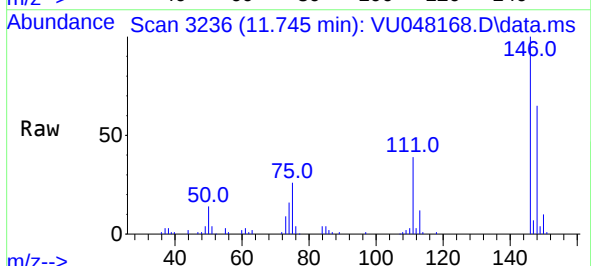
Manual Integrations
APPROVED

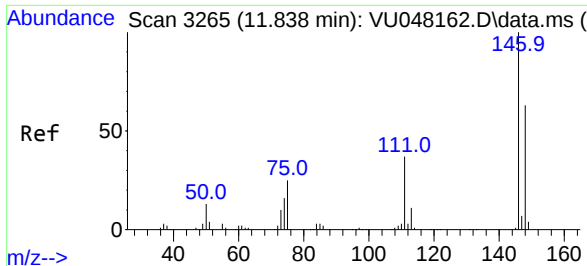
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/25/2022



#64
1,3-Dichlorobenzene
Concen: 8.751 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

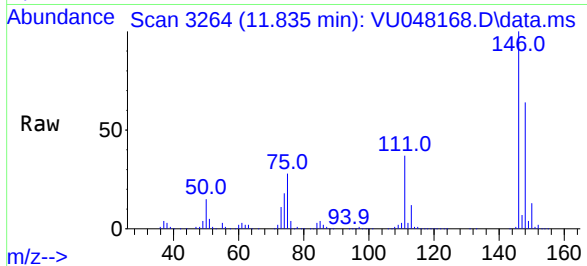
Tgt Ion:146 Resp: 46546
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 64.7 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 185.918 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

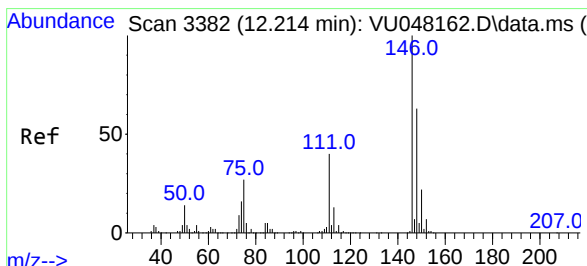
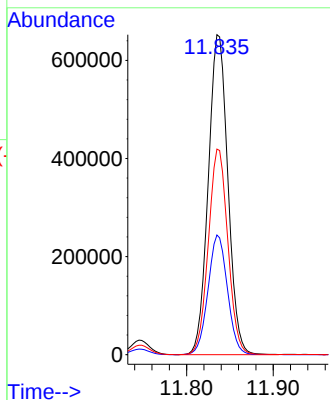
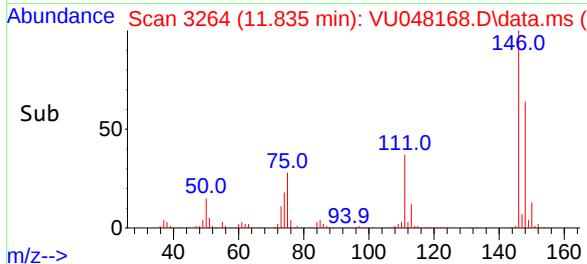
Instrument :
MSVOA_U
ClientSampleId :
C0J44



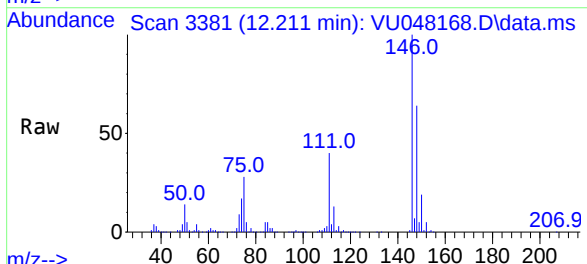
Tgt Ion:146 Resp: 1024230
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 64.2 44.5 82.7

Manual Integrations
APPROVED

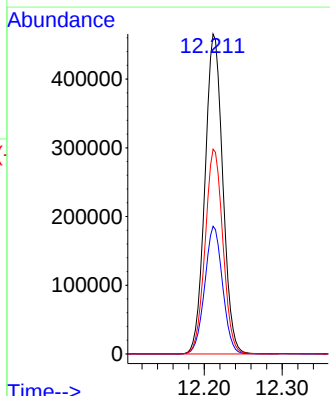
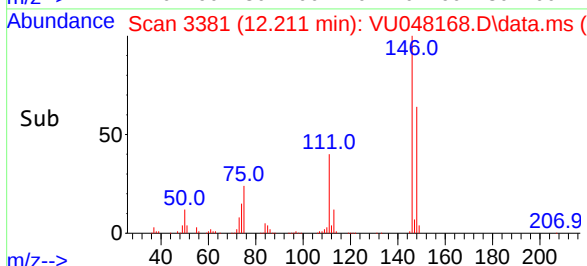
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/25/2022

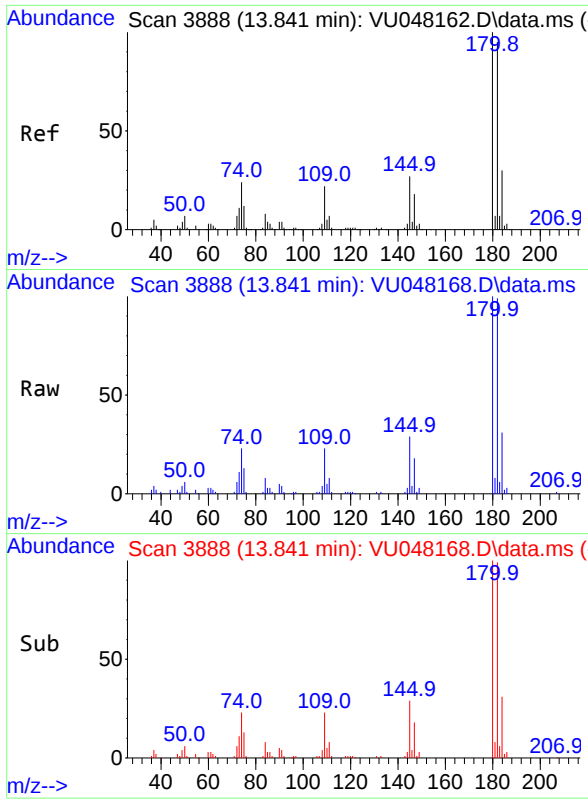


#67
1,2-Dichlorobenzene
Concen: 138.859 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25



Tgt Ion:146 Resp: 738986
Ion Ratio Lower Upper
146 100
111 39.9 31.7 47.5
148 64.0 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 14.139 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048168.D
Acq: 21 Apr 2022 13:25

Instrument :
MSVOA_U
ClientSampleId :
C0J44

Tgt Ion:180 Resp: 5349
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.2
145 28.1 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/25/2022

