

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047878.D
 Acq On : 08 Apr 2022 19:42
 Operator : SY/MD
 Sample : N2343-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HZ3

Quant Time: Apr 09 02:06:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

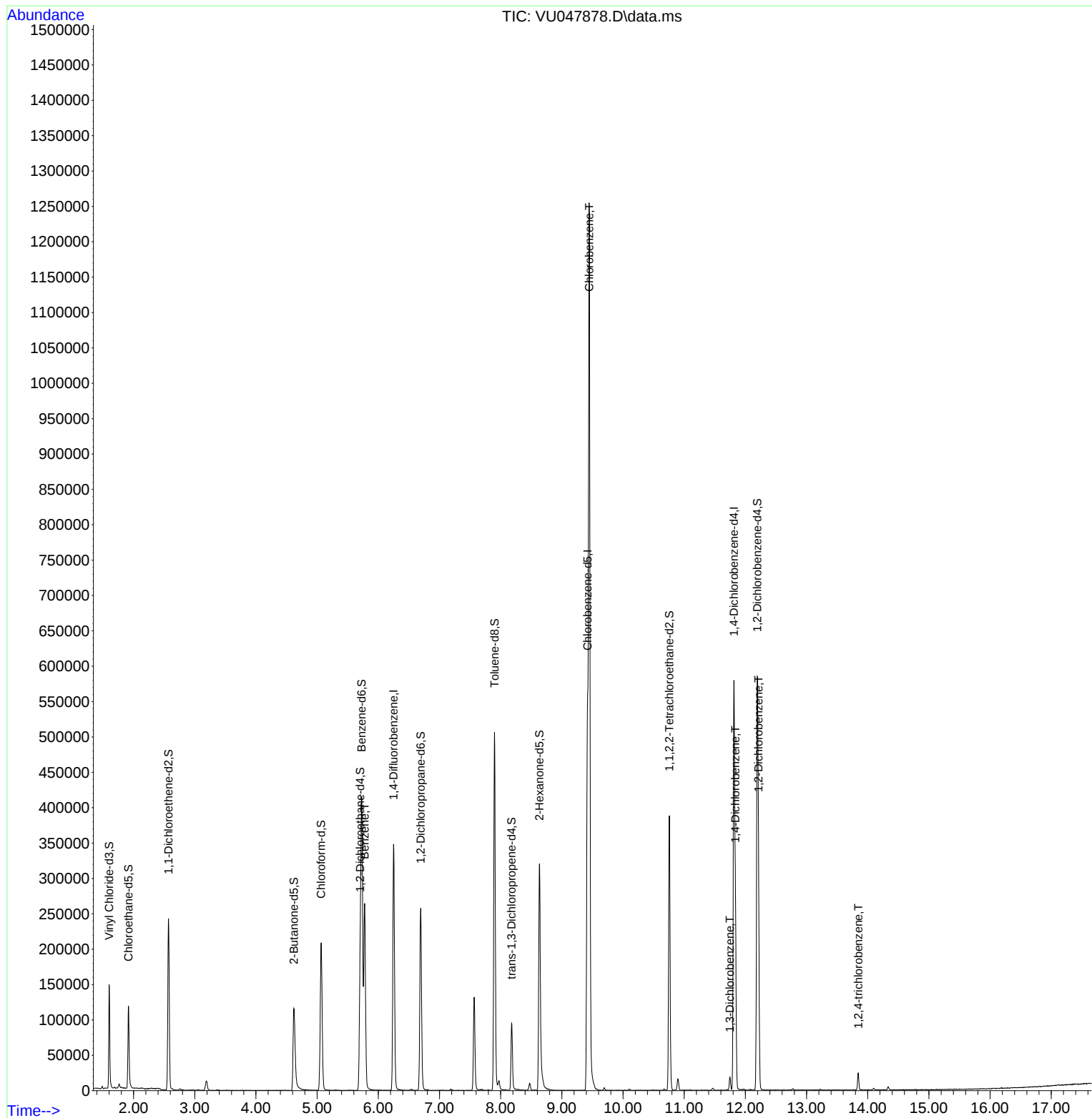
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	294064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	312384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	160583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	107744	50.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.060%
7) Chloroethane-d5	1.915	69	91655	54.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.020%
11) 1,1-Dichloroethene-d2	2.571	63	139261	35.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.380%
21) 2-Butanone-d5	4.620	46	167575	91.555	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.550%
24) Chloroform-d	5.066	84	194893	49.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
26) 1,2-Dichloroethane-d4	5.703	65	125652	52.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.020%
32) Benzene-d6	5.729	84	390635	49.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.693	67	124673	51.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.300%
41) Toluene-d8	7.899	98	344059	44.926	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.860%
43) trans-1,3-Dichloroprop...	8.179	79	52662	43.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.120%
47) 2-Hexanone-d5	8.632	63	116458	82.409	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	191027	46.110	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	150023	52.512	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.020%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	251341	27.797	ug/L	100
51) Chlorobenzene	9.449	112	711944	105.685	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	8603	1.783	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	109822	21.980	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	115545	23.939	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	8274	2.411	ug/L	98

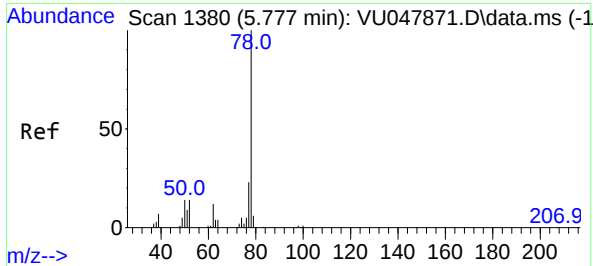
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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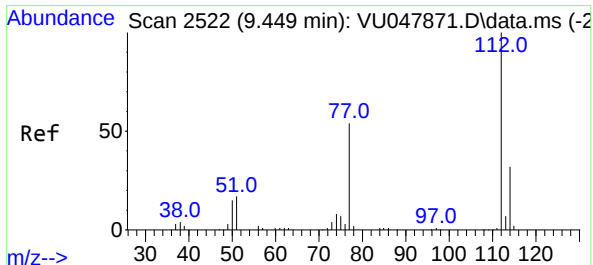
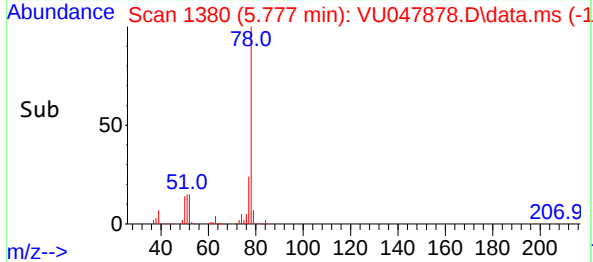
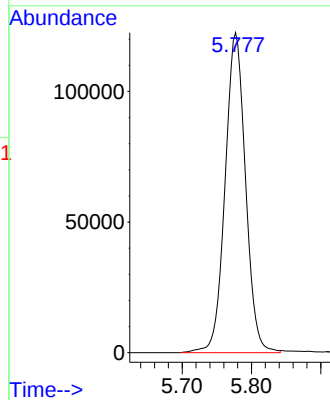
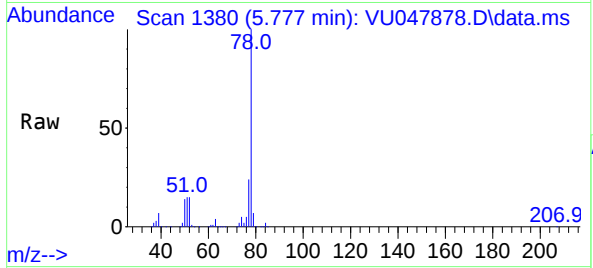




#33
Benzene
Concen: 27.797 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

Tgt Ion: 78 Resp: 251341

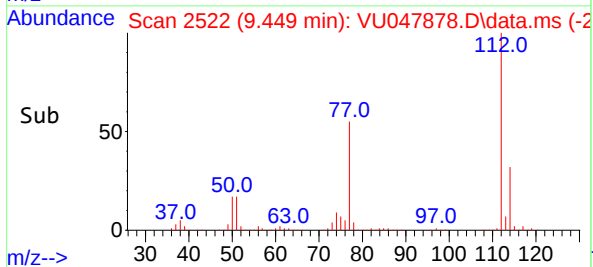
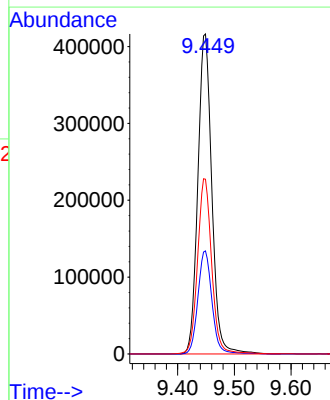
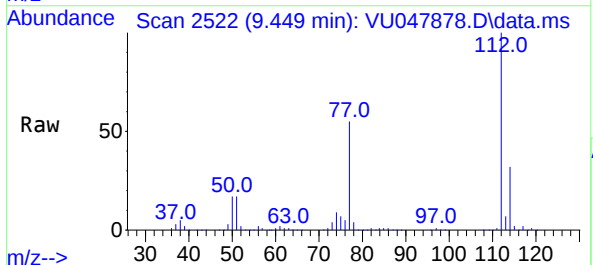
Instrument :
MSVOA_U
ClientSampleId :
C0HZ3

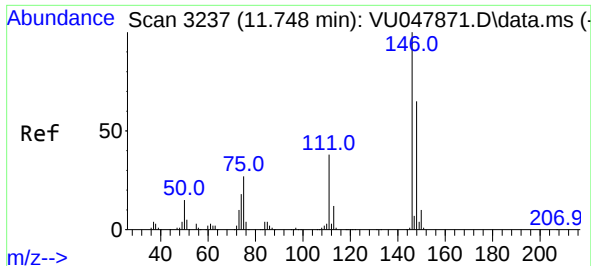


#51
Chlorobenzene
Concen: 105.685 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

Tgt Ion:112 Resp: 711944

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.1	41.1
77	54.6	43.4	65.0

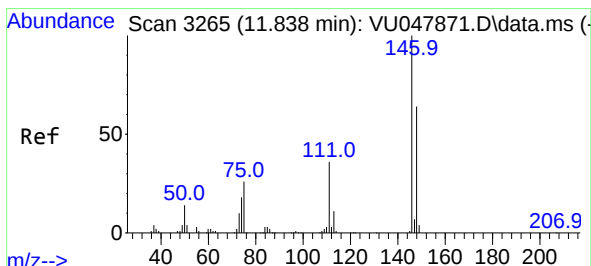
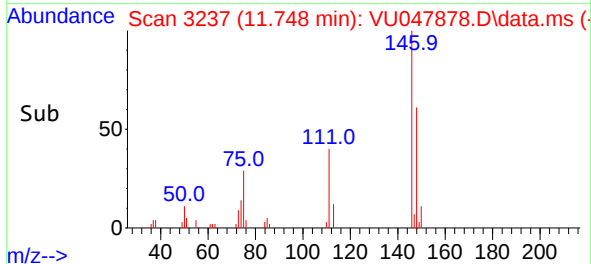
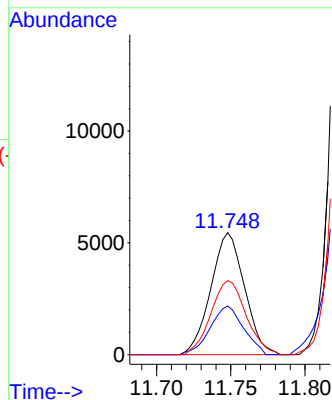
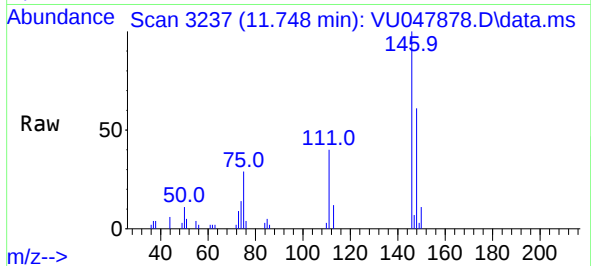




#64
1,3-Dichlorobenzene
Concen: 1.783 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

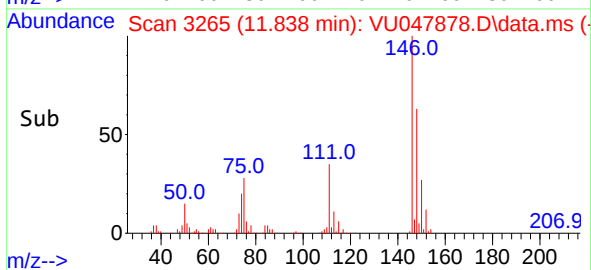
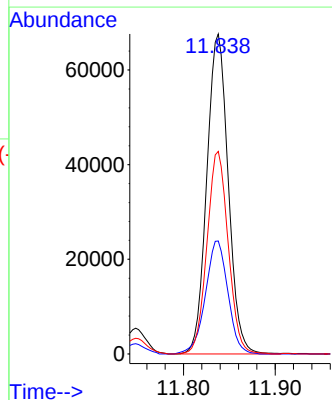
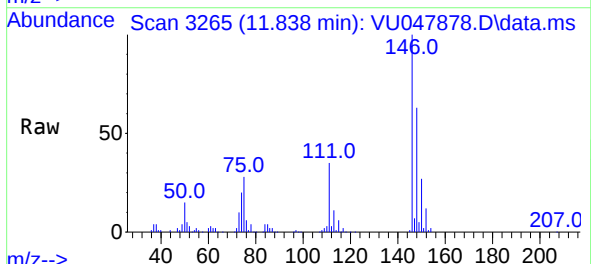
Instrument :
MSVOA_U
ClientSampleId :
C0HZ3

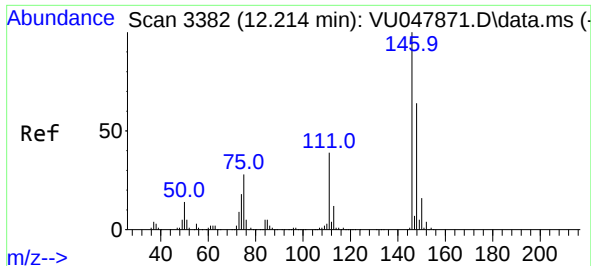
Tgt Ion:146 Resp: 8603
Ion Ratio Lower Upper
146 100
111 39.8 26.7 49.7
148 60.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 21.980 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047878.D
Acq: 08 Apr 2022 19:42

Tgt Ion:146 Resp: 109822
Ion Ratio Lower Upper
146 100
111 35.3 25.3 47.1
148 63.3 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 23.939 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047878.D

Acq: 08 Apr 2022 19:42

Instrument :

MSVOA_U

ClientSampleId :

C0HZ3

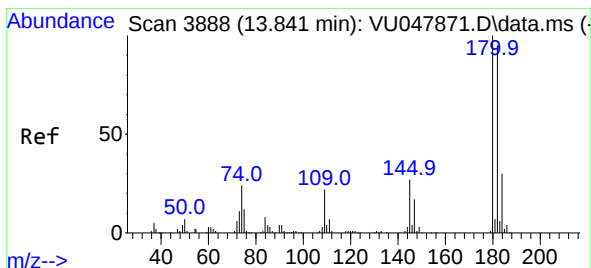
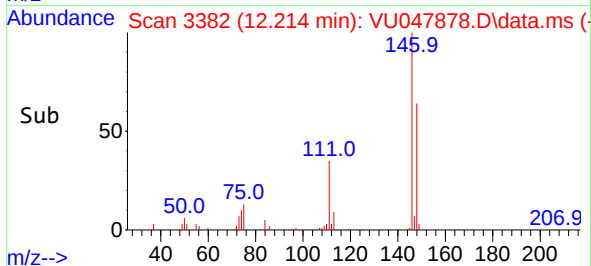
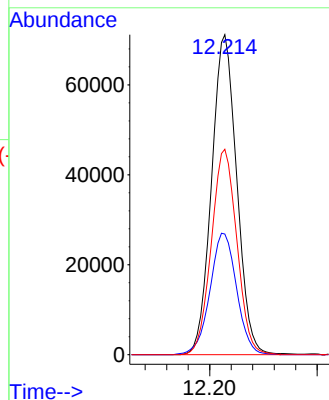
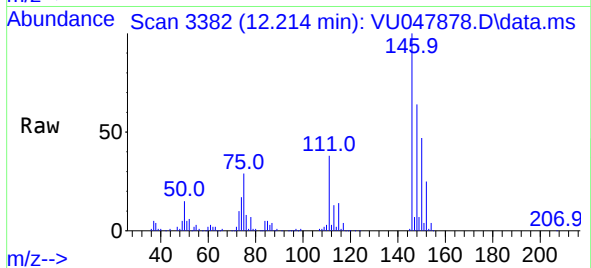
Tgt Ion:146 Resp: 115545

Ion Ratio Lower Upper

146 100

111 37.7 31.7 47.5

148 64.2 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 2.411 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU047878.D

Acq: 08 Apr 2022 19:42

Tgt Ion:180 Resp: 8274

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.2

145 23.8 21.8 32.8

