

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047877.D
 Acq On : 08 Apr 2022 19:19
 Operator : SY/MD
 Sample : N2343-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY4

Quant Time: Apr 09 02:06:35 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)

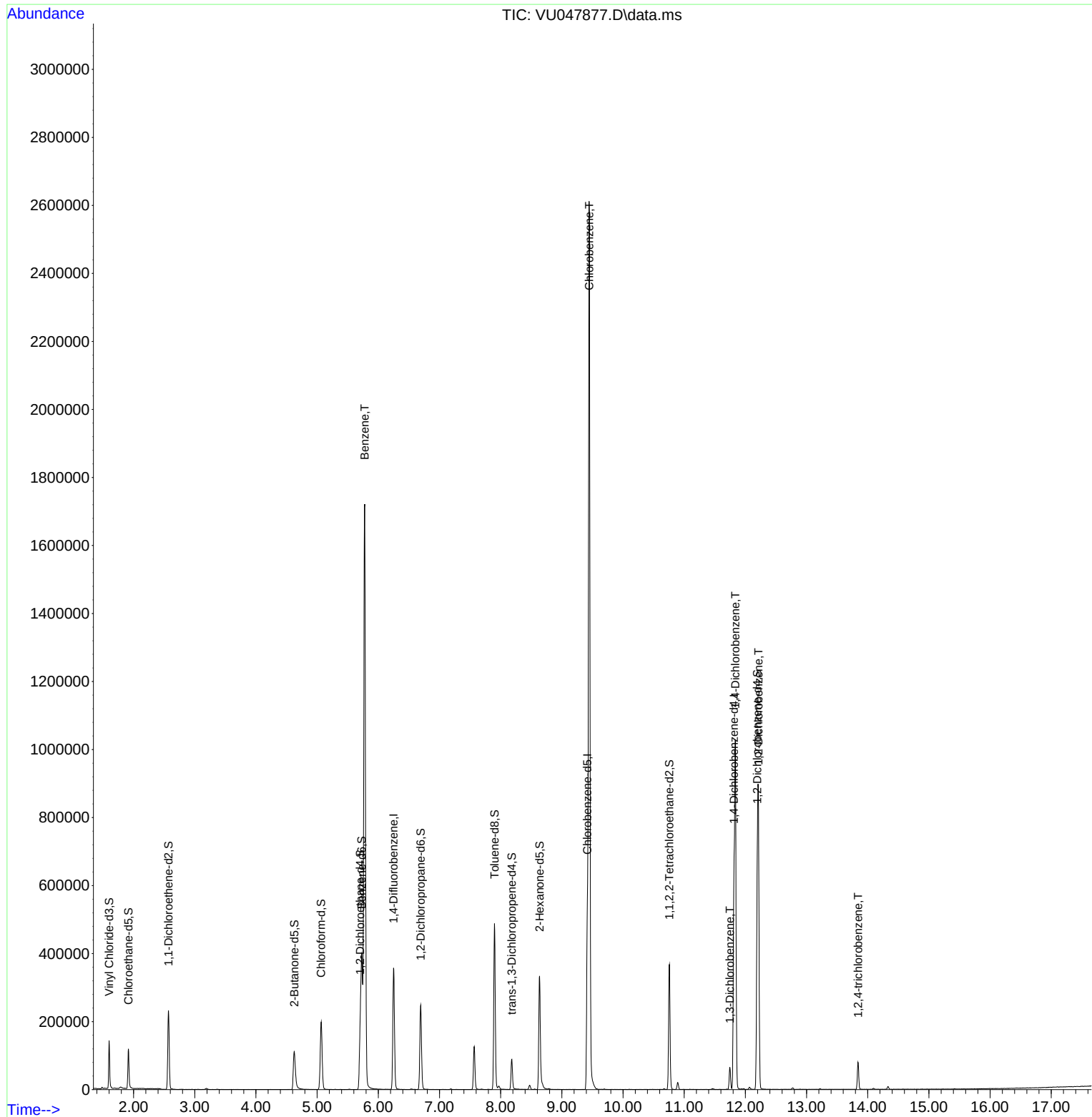
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	301656	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	309954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103363	47.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.500%
7) Chloroethane-d5	1.916	69	88297	51.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.380%
11) 1,1-Dichloroethene-d2	2.572	63	132034	32.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.980%
21) 2-Butanone-d5	4.626	46	156716	83.467	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.470%
24) Chloroform-d	5.067	84	183817	45.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.840%
26) 1,2-Dichloroethane-d4	5.703	65	118349	48.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.420%
32) Benzene-d6	5.729	84	367823	47.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	6.694	67	120467	50.294	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.580%
41) Toluene-d8	7.899	98	329222	43.325	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.660%
43) trans-1,3-Dichloroprop...	8.182	79	49732	40.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.960%
47) 2-Hexanone-d5	8.636	63	113666	81.064	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182933	44.502	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	146783	50.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	1656698	184.658	ug/L	100
51) Chlorobenzene	9.446	112	1467524	219.556	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	29163	5.931	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	417492	81.972	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	326864	66.435	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	27169	7.767	ug/L	99

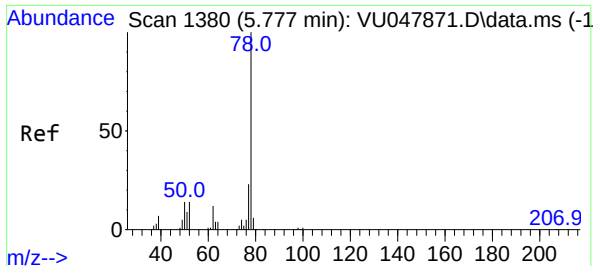
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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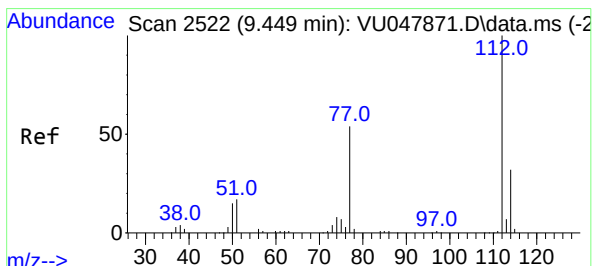
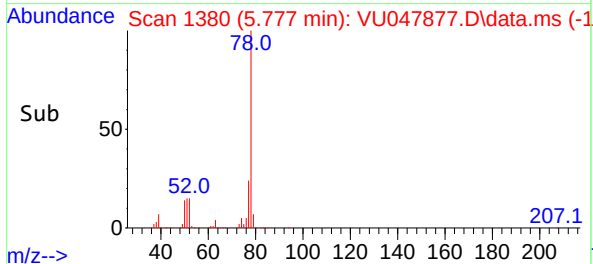
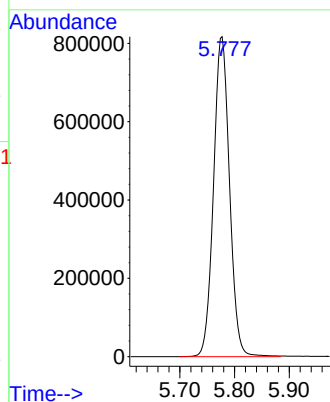
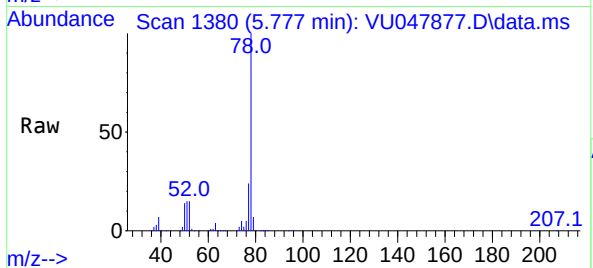




#33
Benzene
Concen: 184.658 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047877.D
Acq: 08 Apr 2022 19:19

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MSVOA_U
ClientSampleId :
C0HY4

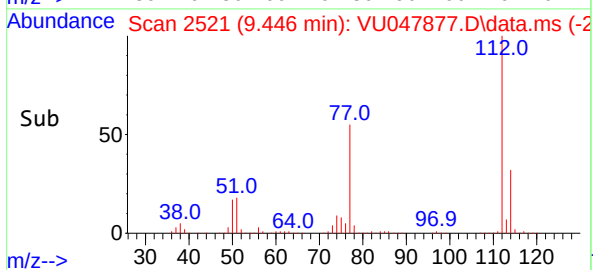
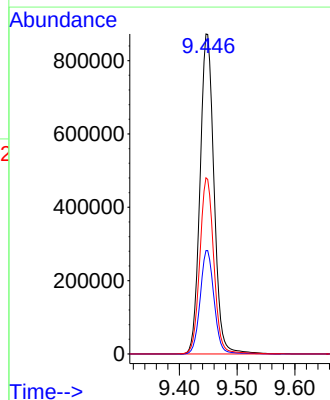
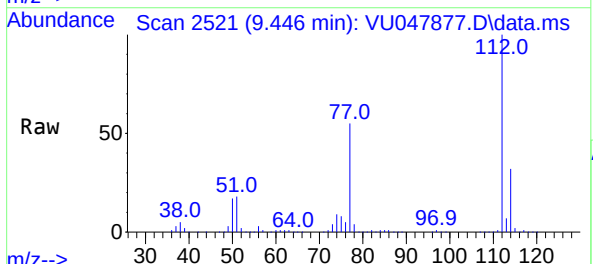
Tgt Ion: 78 Resp: 1656698

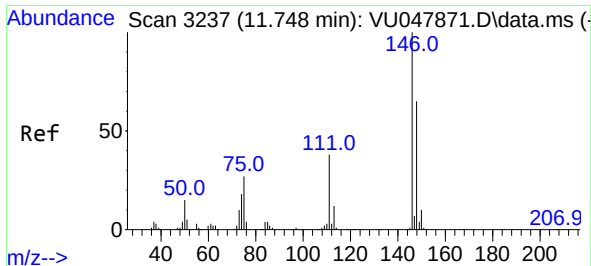


#51
Chlorobenzene
Concen: 219.556 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047877.D
Acq: 08 Apr 2022 19:19

Tgt Ion:112 Resp: 1467524

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.1	41.1
77	55.0	43.4	65.0

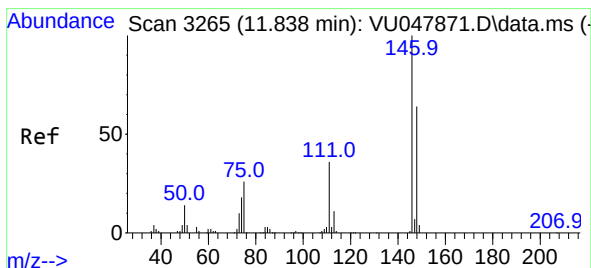
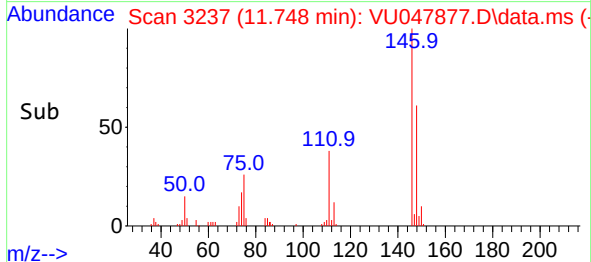
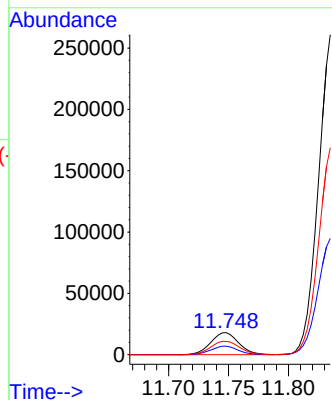
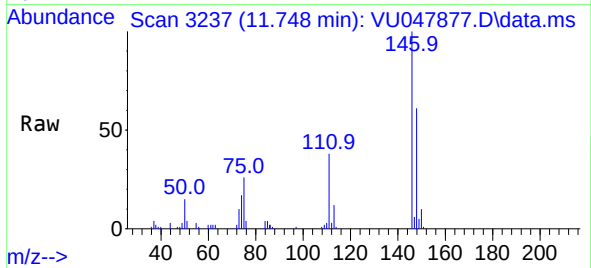




#64
1,3-Dichlorobenzene
Concen: 5.931 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047877.D
Acq: 08 Apr 2022 19:19

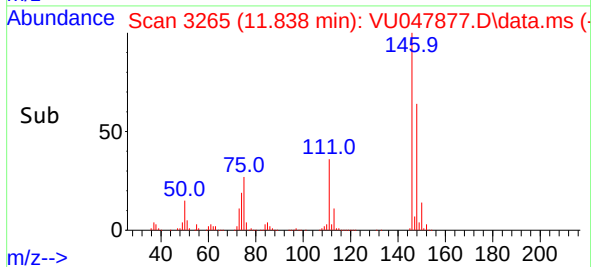
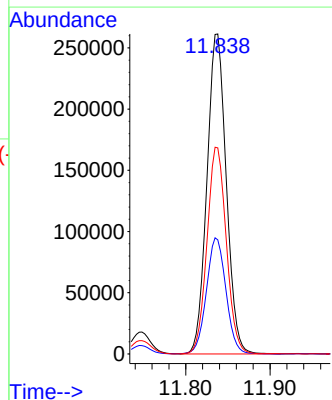
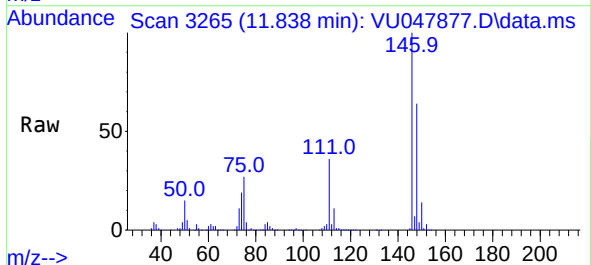
Instrument :
MSVOA_U
ClientSampleId :
C0HY4

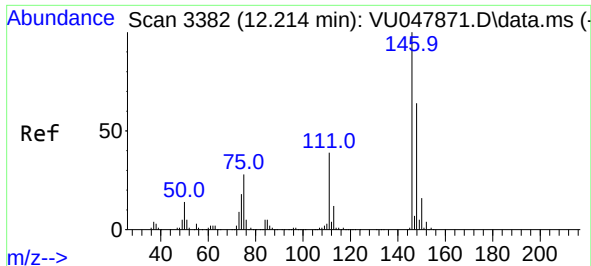
Tgt Ion:146 Resp: 29163
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 60.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 81.972 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047877.D
Acq: 08 Apr 2022 19:19

Tgt Ion:146 Resp: 417492
Ion Ratio Lower Upper
146 100
111 35.6 25.3 47.1
148 64.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 66.435 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :

C0HY4

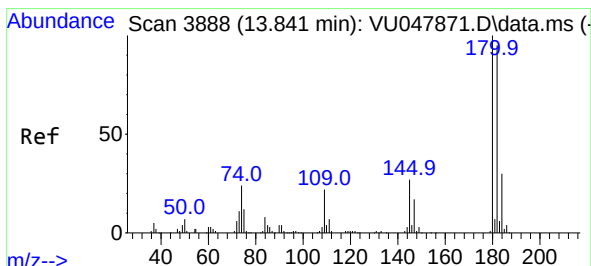
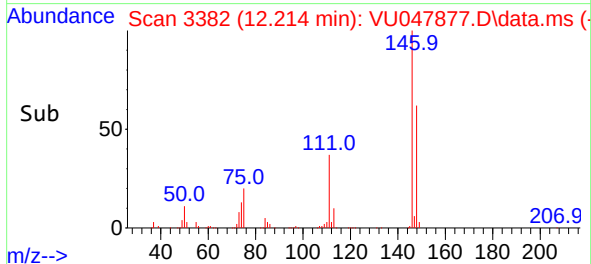
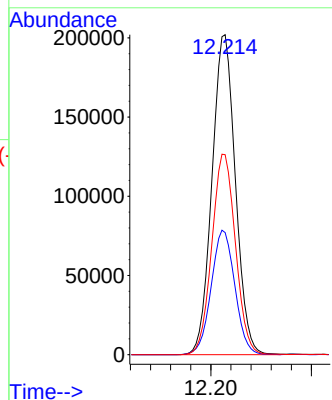
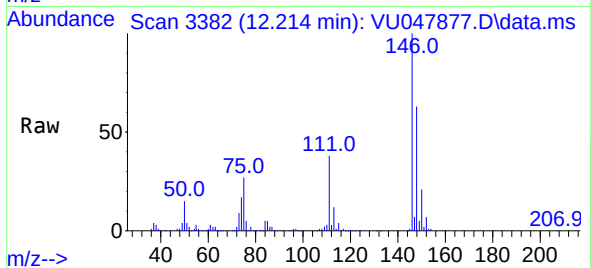
Tgt Ion:146 Resp: 326864

Ion Ratio Lower Upper

146 100

111 38.1 31.7 47.5

148 62.5 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 7.767 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047877.D

Acq: 08 Apr 2022 19:19

Tgt Ion:180 Resp: 27169

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 28.2 21.8 32.8

