

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047983.D
 Acq On : 13 Apr 2022 01:56
 Operator : SY/MD
 Sample : N2345-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J98

Quant Time: Apr 13 04:53:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

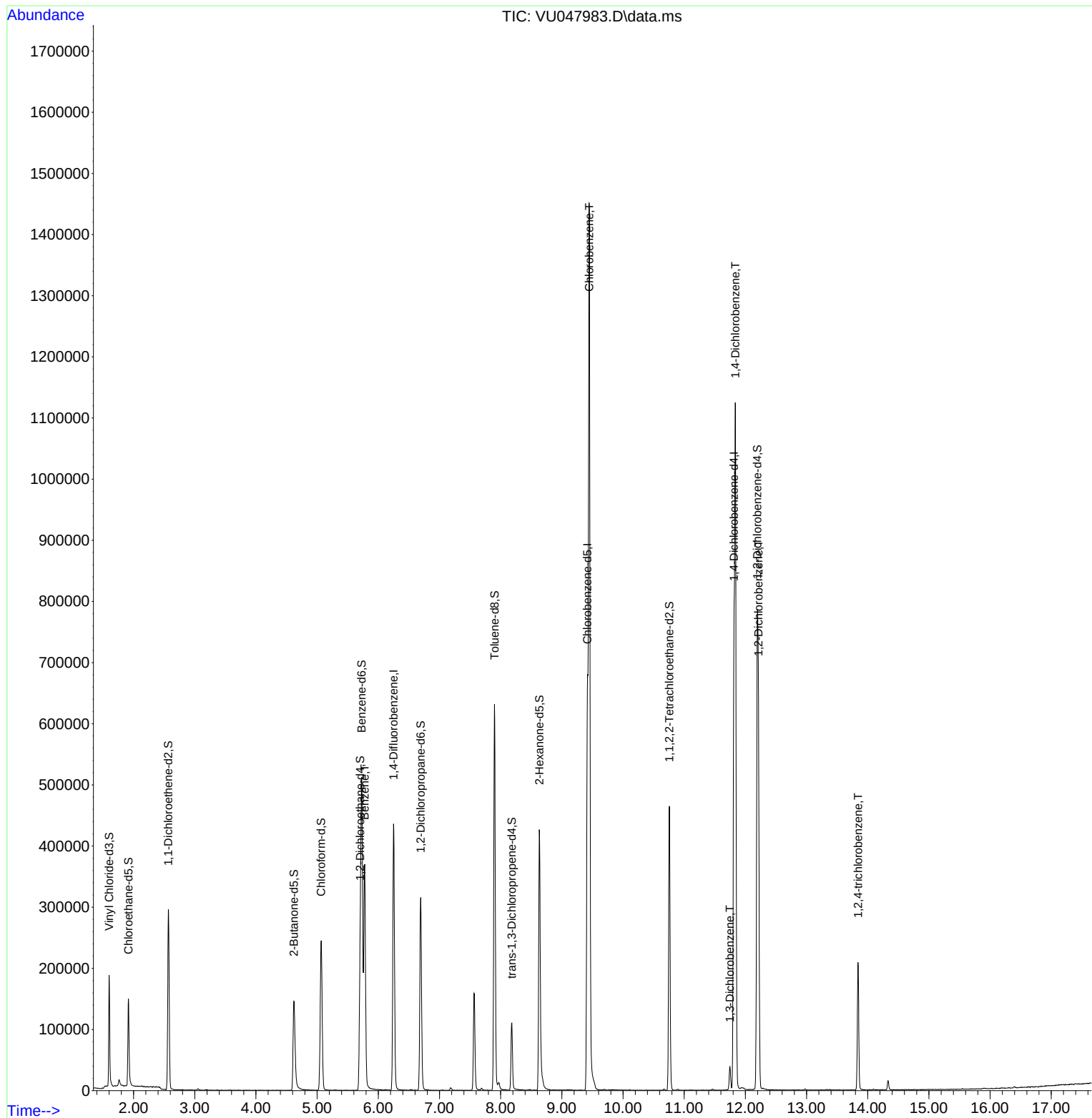
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	371952	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	377893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	197044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	133343	49.436	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	98.880%	
7) Chloroethane-d5	1.916	69	113959	53.582	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	107.160%	
11) 1,1-Dichloroethene-d2	2.568	63	166784	33.797	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.600%	
21) 2-Butanone-d5	4.620	46	213795	92.347	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	92.350%	
24) Chloroform-d	5.066	84	232981	47.207	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.420%	
26) 1,2-Dichloroethane-d4	5.703	65	150482	49.715	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.420%	
32) Benzene-d6	5.729	84	487111	51.227	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.460%	
36) 1,2-Dichloropropane-d6	6.693	67	153975	52.727	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.460%	
41) Toluene-d8	7.899	98	430376	46.455	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.900%	
43) trans-1,3-Dichloroprop...	8.182	79	62973	42.565	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.120%	
47) 2-Hexanone-d5	8.632	63	155532	90.980	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.980%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	228745	45.643	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.280%	
66) 1,2-Dichlorobenzene-d4	12.195	152	181253	51.704	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	361089	33.012	ug/L	100
51) Chlorobenzene	9.449	112	834691	102.427	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	17277	2.919	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	446277	72.791	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	225913	38.144	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	71552	16.993	ug/L	99

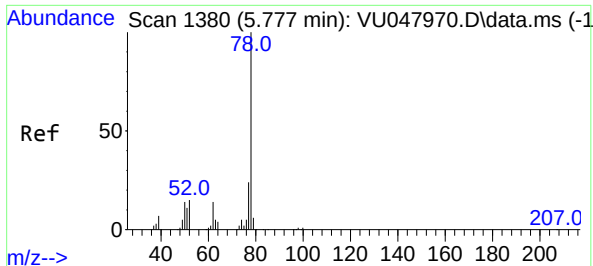
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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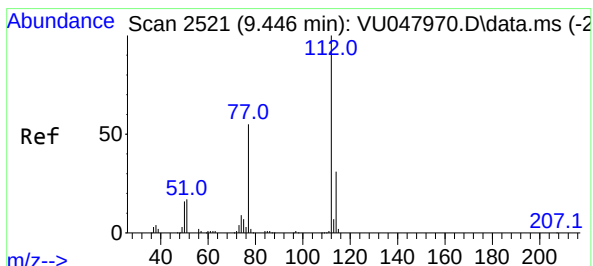
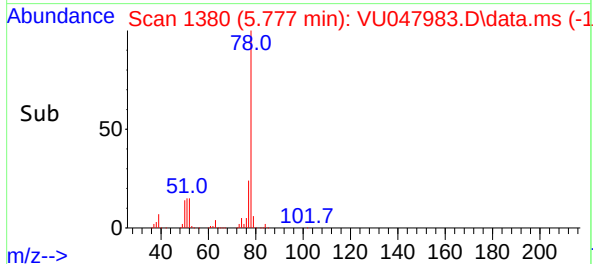
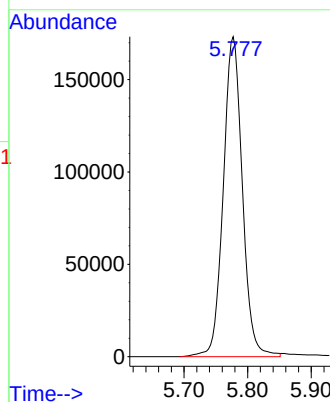
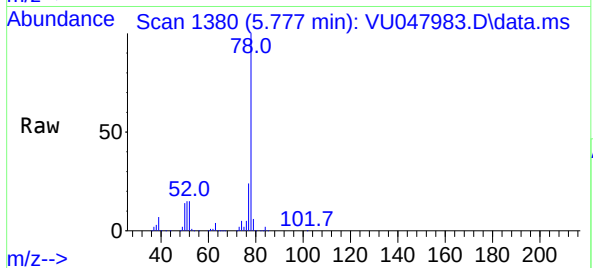




#33
Benzene
Concen: 33.012 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56

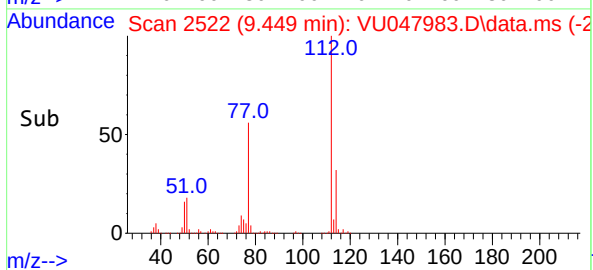
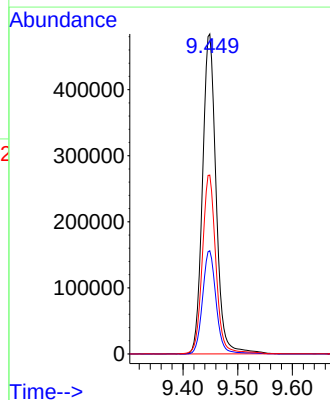
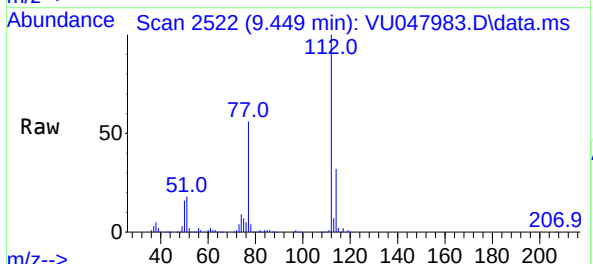
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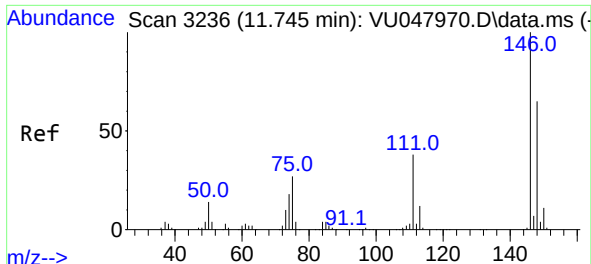
Tgt Ion: 78 Resp: 361089



#51
Chlorobenzene
Concen: 102.427 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56

Tgt Ion:112 Resp: 834691
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 55.9 43.4 65.0

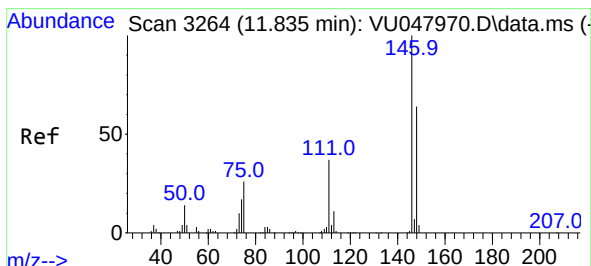
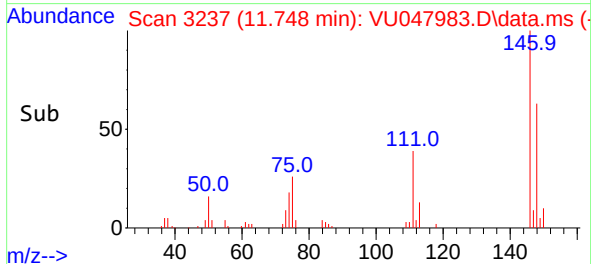
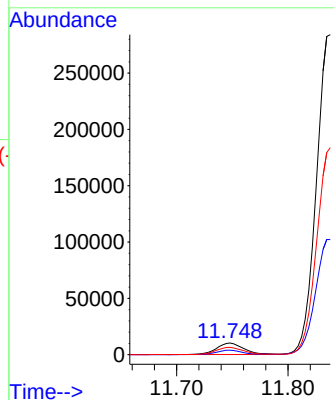
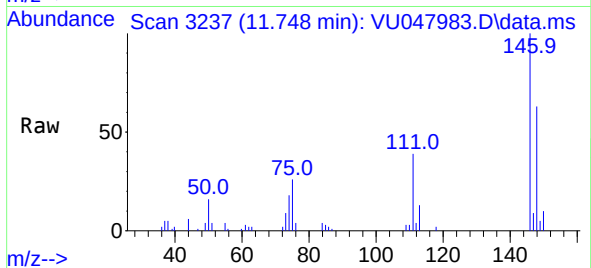




#64
1,3-Dichlorobenzene
Concen: 2.919 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56

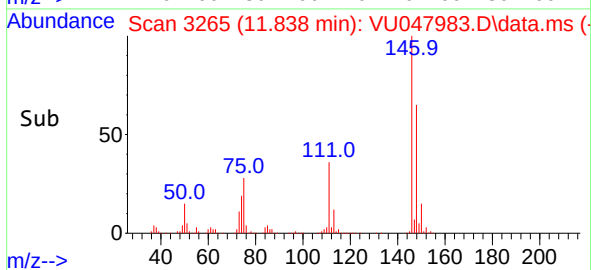
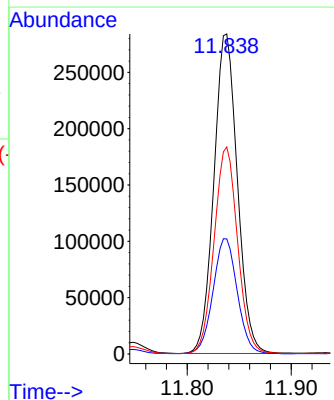
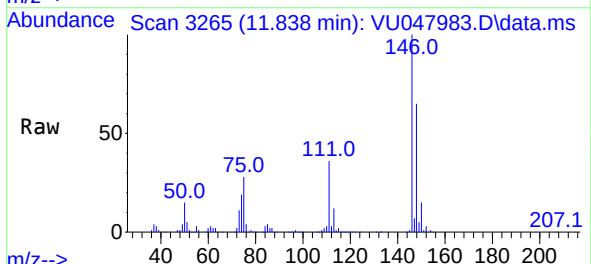
Instrument :
MSVOA_U
ClientSampleId :
C0J98

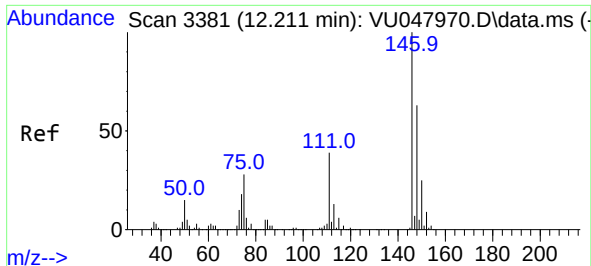
Tgt Ion:146 Resp: 17277
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 63.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 72.791 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047983.D
Acq: 13 Apr 2022 01:56

Tgt Ion:146 Resp: 446277
Ion Ratio Lower Upper
146 100
111 35.9 25.3 47.1
148 64.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 38.144 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU047983.D

Acq: 13 Apr 2022 01:56

Instrument :

MSVOA_U

ClientSampleId :

C0J98

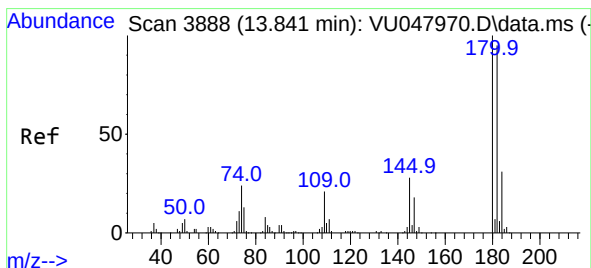
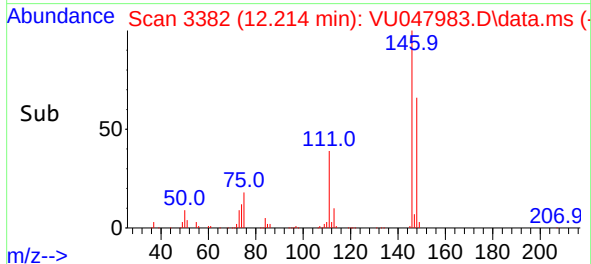
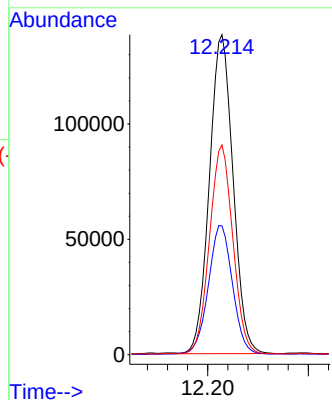
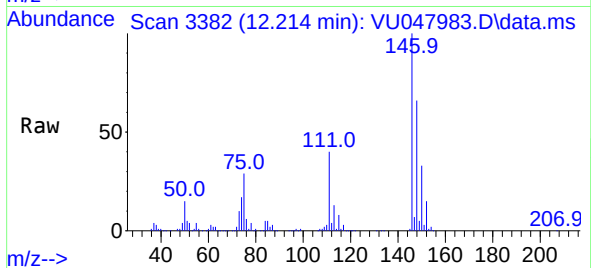
Tgt Ion:146 Resp: 225913

Ion Ratio Lower Upper

146 100

111 40.2 31.7 47.5

148 65.6 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 16.993 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047983.D

Acq: 13 Apr 2022 01:56

Tgt Ion:180 Resp: 71552

Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

145 26.5 21.8 32.8

