

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047875.D
 Acq On : 08 Apr 2022 18:33
 Operator : SY/MD
 Sample : N2343-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY2

Quant Time: Apr 09 02:06:05 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	287915	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	312796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	164542	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	109727	52.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.100%	
7) Chloroethane-d5	1.916	69	94203	57.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 114.440%	
11) 1,1-Dichloroethene-d2	2.568	63	142446	37.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 74.580%	
21) 2-Butanone-d5	4.623	46	167535	93.488	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 93.490%	
24) Chloroform-d	5.067	84	196621	51.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.940%	
26) 1,2-Dichloroethane-d4	5.703	65	127373	54.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.720%	
32) Benzene-d6	5.729	84	397259	50.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.940%	
36) 1,2-Dichloropropane-d6	6.690	67	126272	52.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.480%	
41) Toluene-d8	7.899	98	351728	45.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 91.740%	
43) trans-1,3-Dichloroprop...	8.179	79	54811	44.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 89.520%	
47) 2-Hexanone-d5	8.632	63	122288	86.421	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 86.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195187	47.052	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 94.100%	
66) 1,2-Dichlorobenzene-d4	12.192	152	154917	52.920	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.840%	

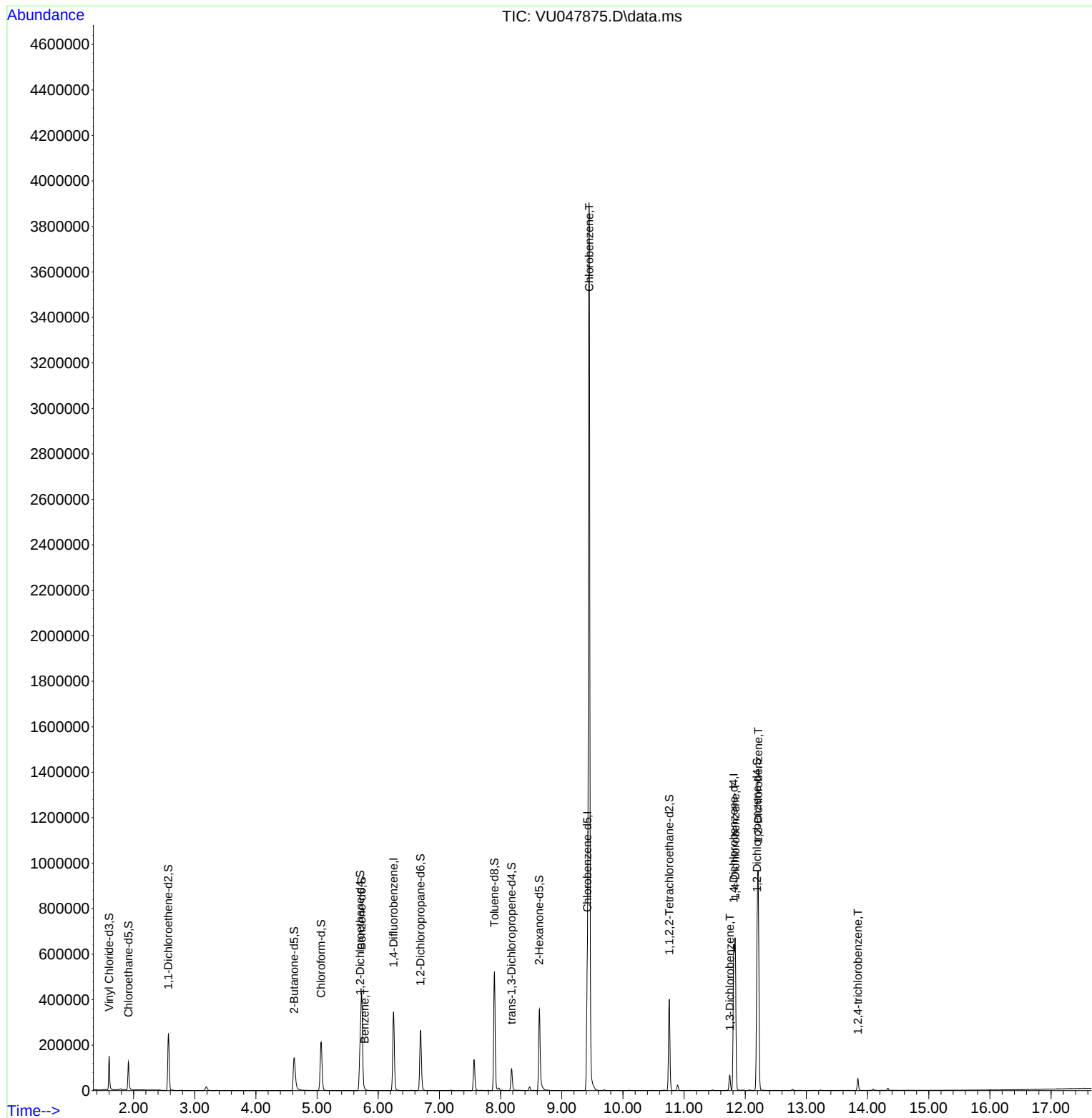
Target Compounds						Qvalue
33) Benzene	5.777	78	5775	0.638	ug/L	100
51) Chlorobenzene	9.449	112	2178661	322.988	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	30480	6.167	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	264453	51.654	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	352698	71.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	17417	4.954	ug/L	98

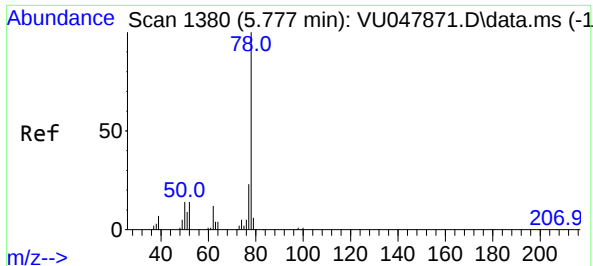
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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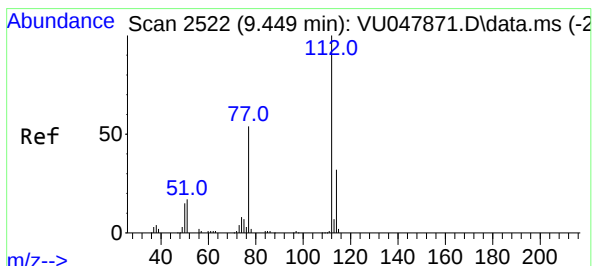
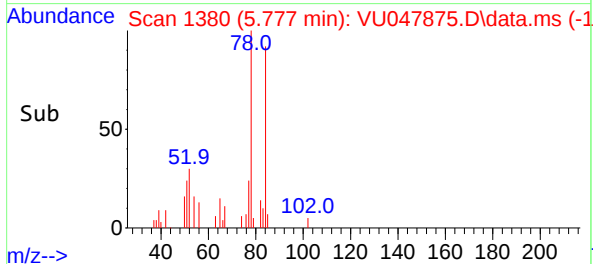
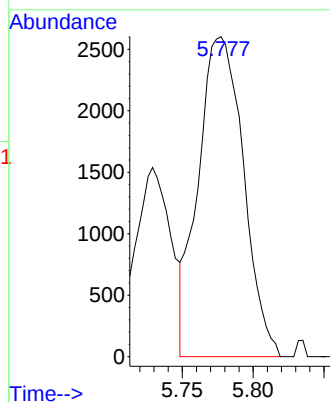
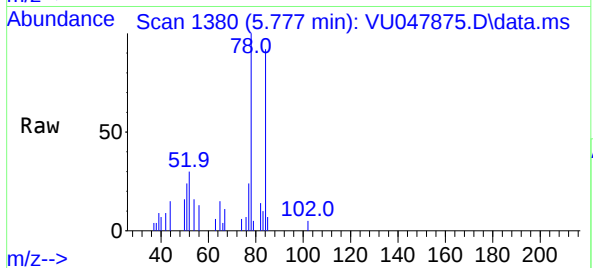




#33
Benzene
Concen: 0.638 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047875.D
Acq: 08 Apr 2022 18:33

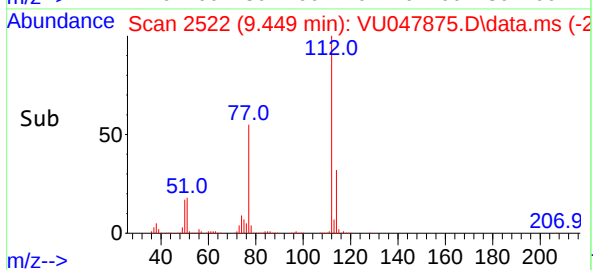
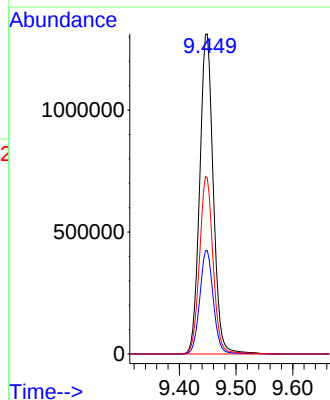
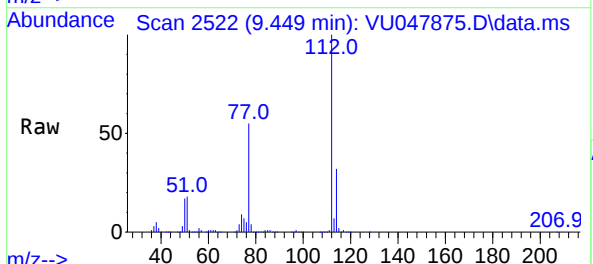
Instrument :
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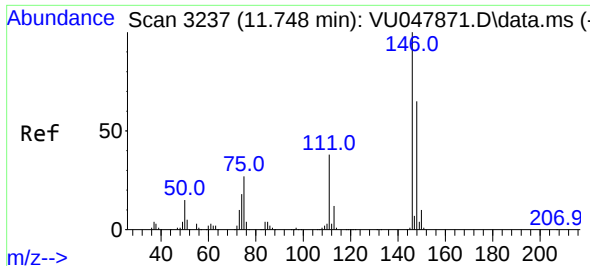
Tgt Ion: 78 Resp: 5775



#51
Chlorobenzene
Concen: 322.988 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047875.D
Acq: 08 Apr 2022 18:33

Tgt Ion: 112 Resp: 2178661
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 55.1 43.4 65.0

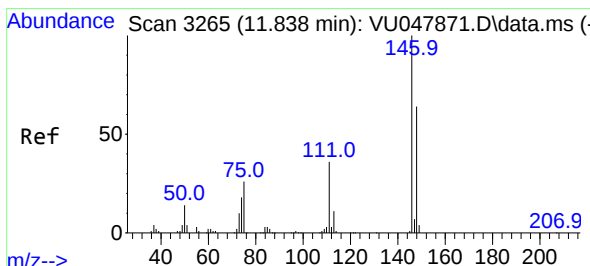
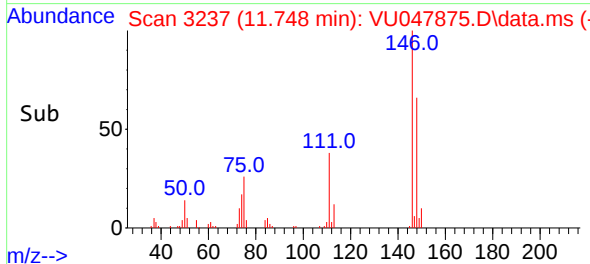
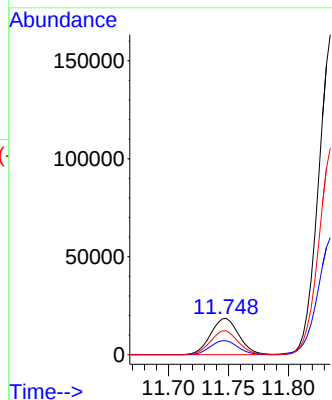
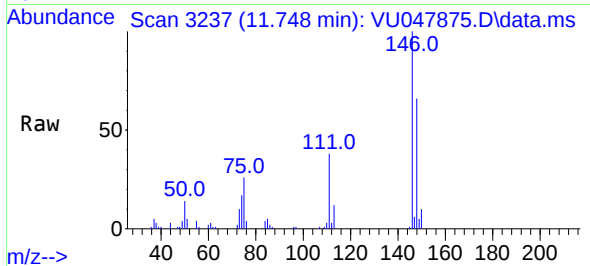




#64
1,3-Dichlorobenzene
Concen: 6.167 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047875.D
Acq: 08 Apr 2022 18:33

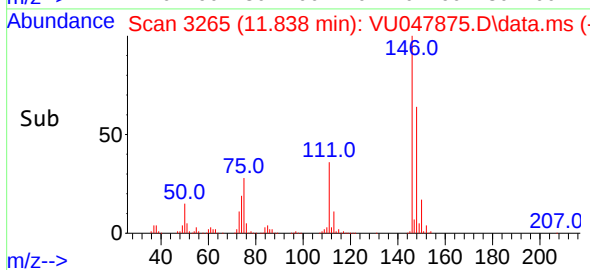
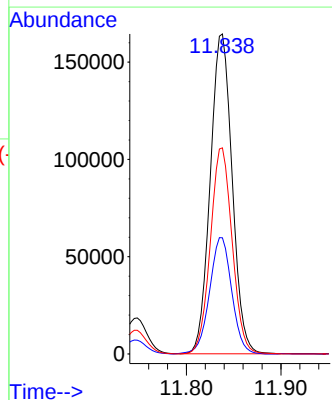
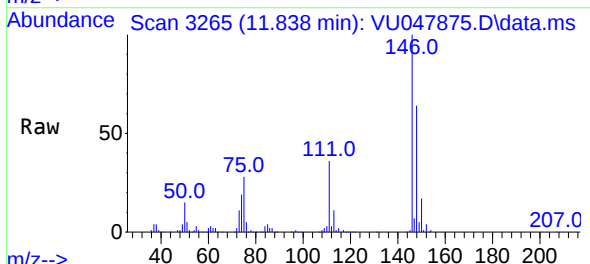
Instrument :
MSVOA_U
ClientSampleId :
C0HY2

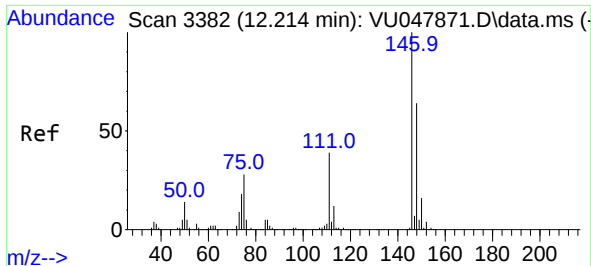
Tgt Ion:146 Resp: 30480
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 65.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.654 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047875.D
Acq: 08 Apr 2022 18:33

Tgt Ion:146 Resp: 264453
Ion Ratio Lower Upper
146 100
111 36.3 25.3 47.1
148 64.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 71.315 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047875.D

Acq: 08 Apr 2022 18:33

Instrument :

MSVOA_U

ClientSampleId :

C0HY2

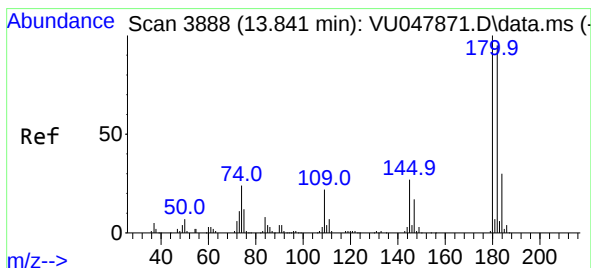
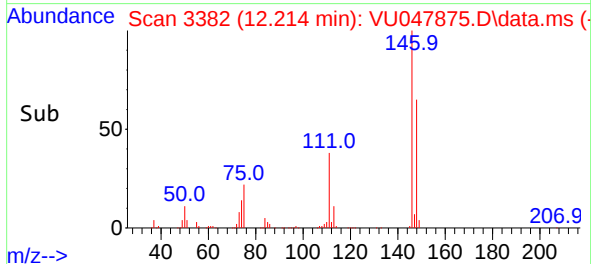
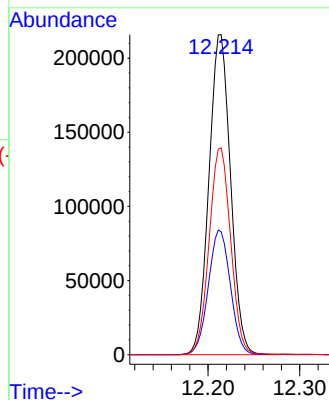
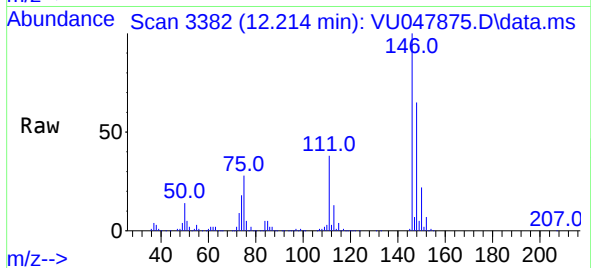
Tgt Ion:146 Resp: 352698

Ion Ratio Lower Upper

146 100

111 38.4 31.7 47.5

148 64.7 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 4.954 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047875.D

Acq: 08 Apr 2022 18:33

Tgt Ion:180 Resp: 17417

Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.2

145 27.5 21.8 32.8

