

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048146.D
 Acq On : 20 Apr 2022 16:32
 Operator : SY/MD
 Sample : N2485-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J16

Quant Time: Apr 21 02:43:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	281766	50.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	291748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	147172	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.600	65	107270	52.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.000%	
7) Chloroethane-d5		1.916	69	90251	56.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.040%	
11) 1,1-Dichloroethene-d2		2.568	63	138407	37.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.040%	
21) 2-Butanone-d5		4.623	46	173658	99.019	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.020%	
24) Chloroform-d		5.067	84	198410	53.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.140%	
26) 1,2-Dichloroethane-d4		5.703	65	123753	53.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.940%	
32) Benzene-d6		5.729	84	403595	54.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.960%	
36) 1,2-Dichloropropane-d6		6.690	67	132391	58.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.440%	
41) Toluene-d8		7.899	98	343790	48.066	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.140%	
43) trans-1,3-Dichloroprop...		8.179	79	53915	47.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.400%	
47) 2-Hexanone-d5		8.632	63	119151	90.279	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.280%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	198166	51.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.440%	
66) 1,2-Dichlorobenzene-d4		12.192	152	152490	58.239	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.480%	

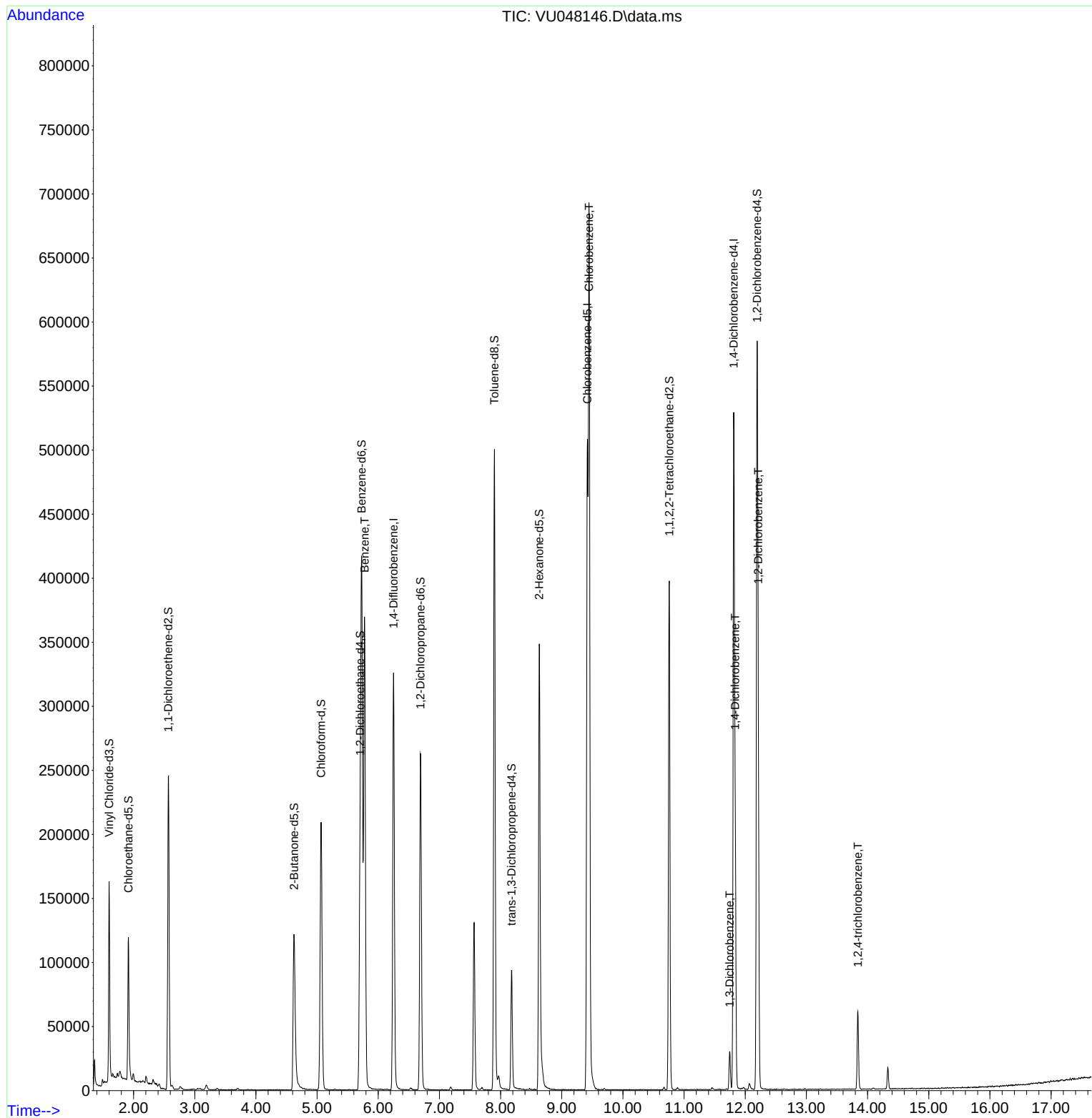
Target Compounds							Qvalue
33) Benzene		5.777	78	362213	42.892	ug/L	100
51) Chlorobenzene		9.446	112	388828	61.803	ug/L	99
64) 1,3-Dichlorobenzene		11.745	146	13496	3.053	ug/L	99
65) 1,4-Dichlorobenzene		11.835	146	81809	17.865	ug/L	98
67) 1,2-Dichlorobenzene		12.211	146	98368	22.237	ug/L	100
70) 1,2,4-trichlorobenzene		13.841	180	21316	6.778	ug/L	98

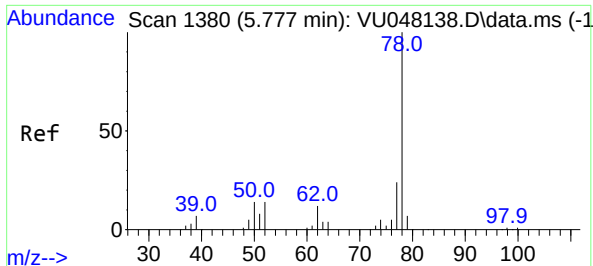
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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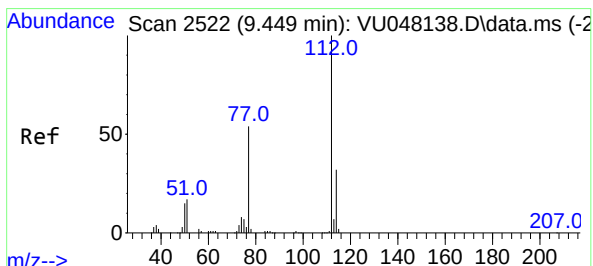
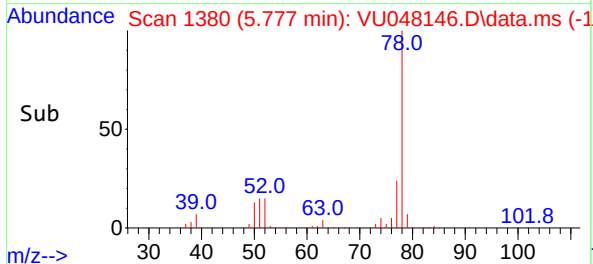
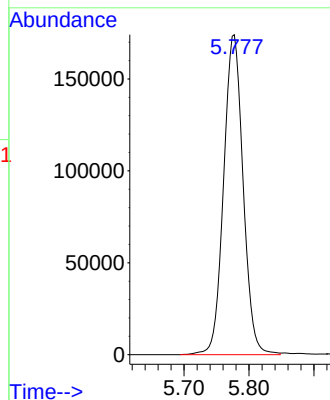
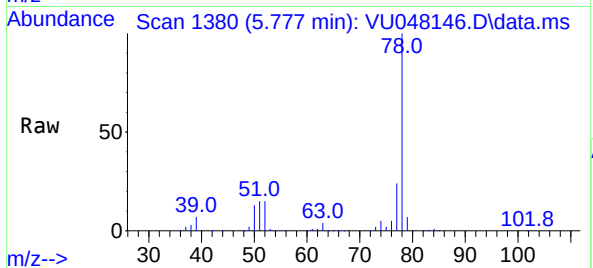




#33
Benzene
Concen: 42.892 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048146.D
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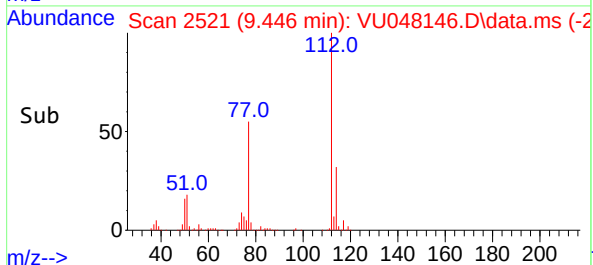
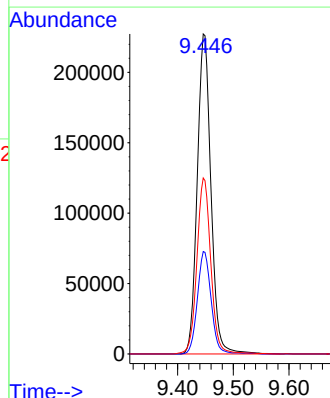
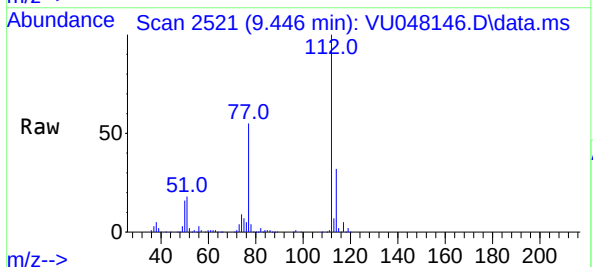
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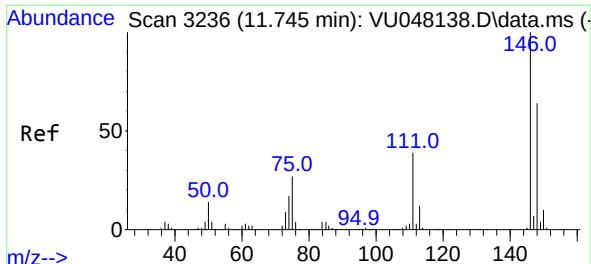
Tgt Ion: 78 Resp: 362213



#51
Chlorobenzene
Concen: 61.803 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048146.D
Acq: 20 Apr 2022 16:32

Tgt Ion: 112 Resp: 388828
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 55.0 43.4 65.0

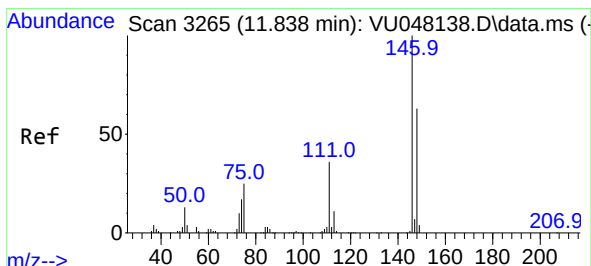
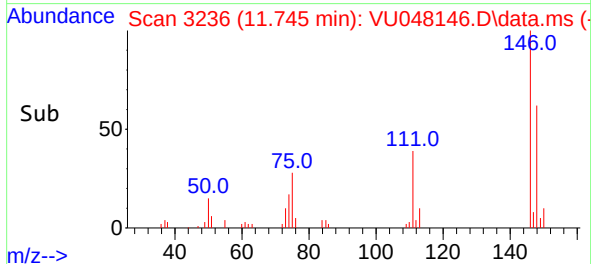
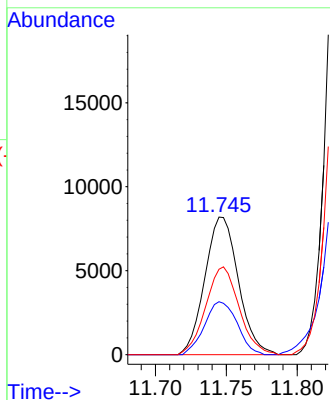
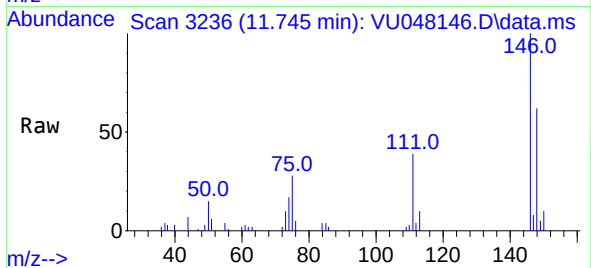




#64
1,3-Dichlorobenzene
Concen: 3.053 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048146.D
Acq: 20 Apr 2022 16:32

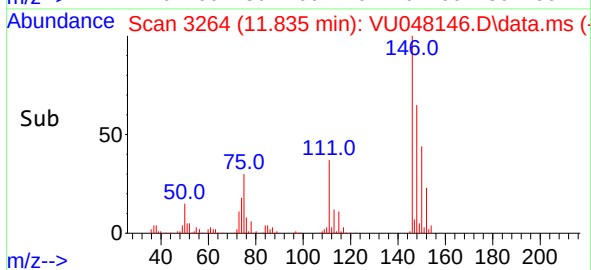
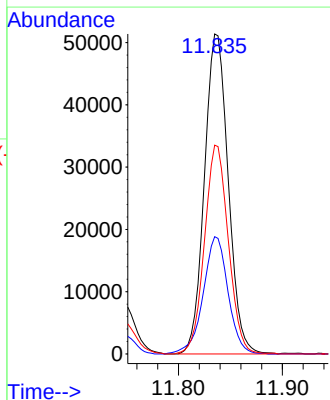
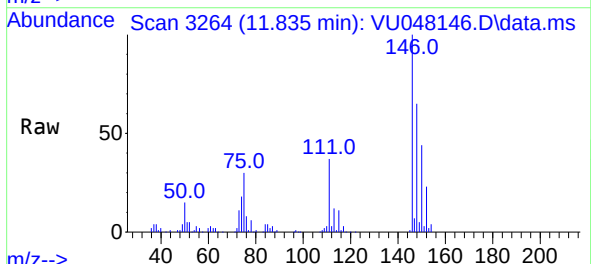
Instrument :
MSVOA_U
ClientSampleId :
C0J16

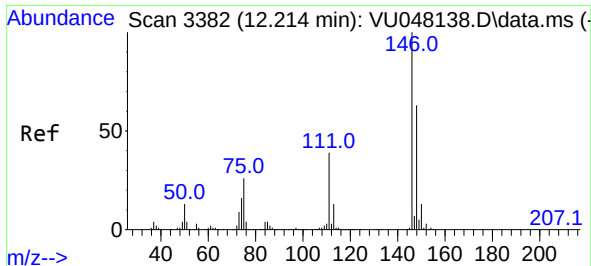
Tgt Ion:146 Resp: 13496
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 62.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 17.865 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048146.D
Acq: 20 Apr 2022 16:32

Tgt Ion:146 Resp: 81809
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 65.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 22.237 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048146.D

Acq: 20 Apr 2022 16:32

Instrument :

MSVOA_U

ClientSampleId :

C0J16

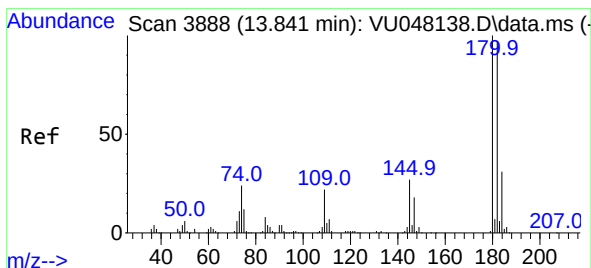
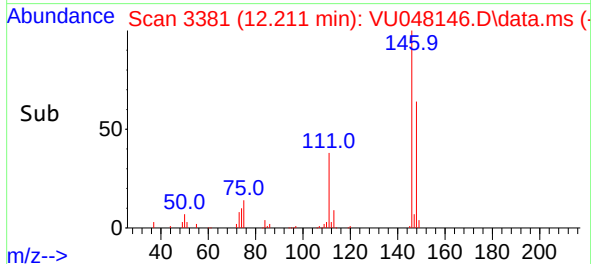
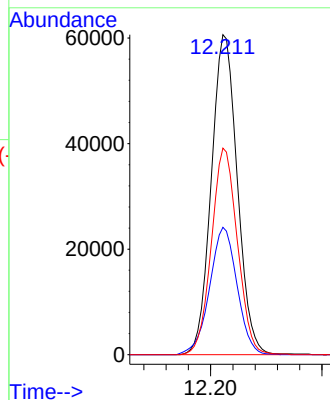
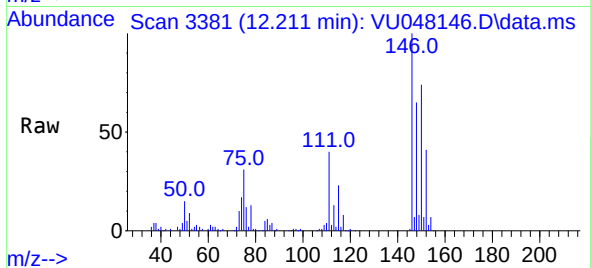
Tgt Ion:146 Resp: 98368

Ion Ratio Lower Upper

146 100

111 39.8 31.7 47.5

148 64.5 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 6.778 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048146.D

Acq: 20 Apr 2022 16:32

Tgt Ion:180 Resp: 21316

Ion Ratio Lower Upper

180 100

182 97.3 76.2 114.2

145 26.9 21.8 32.8

