

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050611.D
 Acq On : 03 Sep 2022 14:49
 Operator : SY/MD
 Sample : N4399-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Sep 05 01:07:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

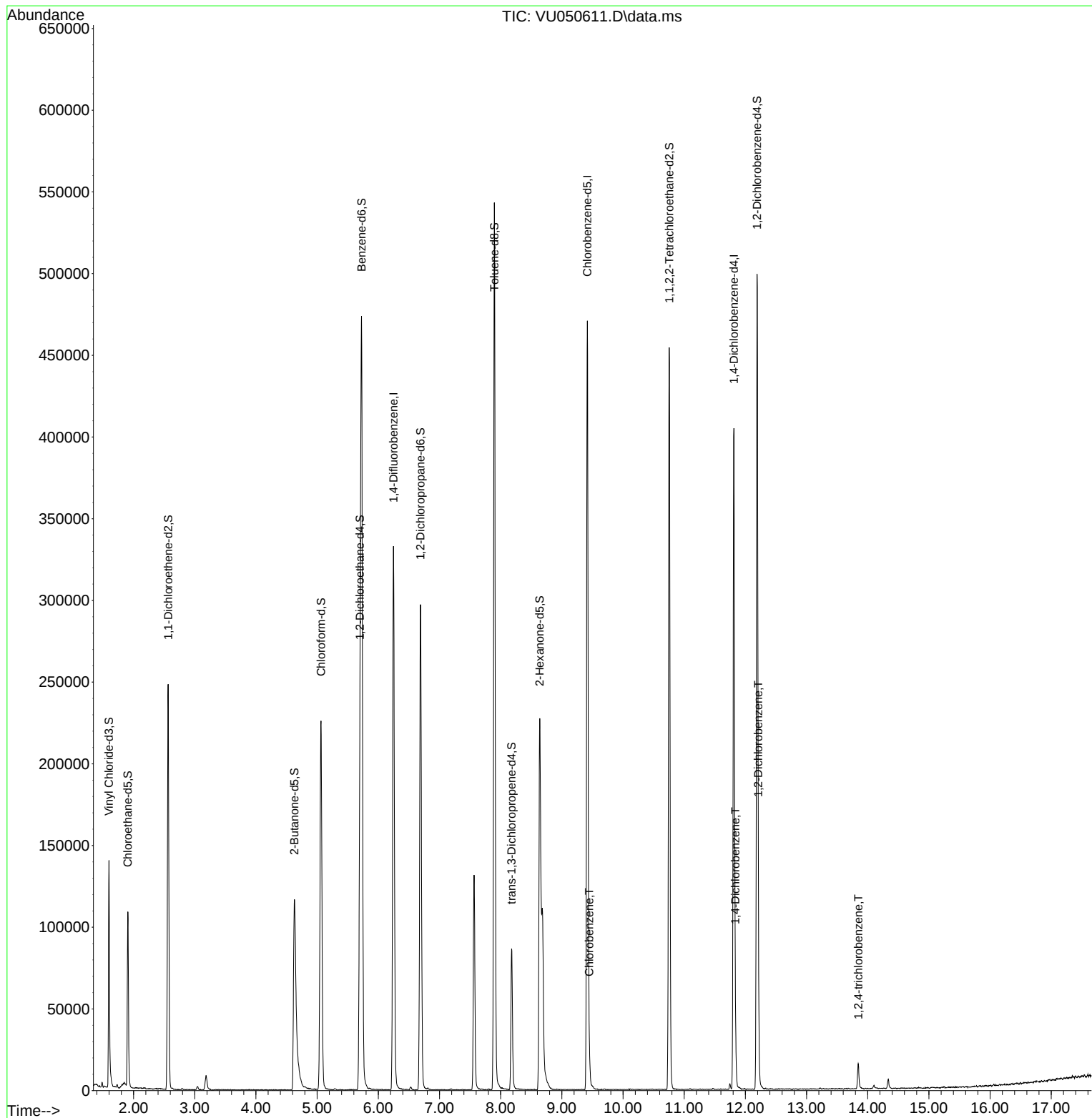
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	280288	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	273961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111763	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108675	45.332	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.660%	
7) Chloroethane-d5	1.906	69	80418	49.605	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.565	63	144985	34.223	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.440%	
21) 2-Butanone-d5	4.629	46	177615	101.265	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.270%	
24) Chloroform-d	5.063	84	217215	47.807	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.620%	
26) 1,2-Dichloroethane-d4	5.700	65	144891	52.185	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.360%	
32) Benzene-d6	5.726	84	448787	49.570	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.140%	
36) 1,2-Dichloropropane-d6	6.690	67	153630	51.685	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.360%	
41) Toluene-d8	7.896	98	368690	47.621	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.240%	
43) trans-1,3-Dichloroprop...	8.179	79	53665	43.634	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.260%	
47) 2-Hexanone-d5	8.636	63	69601	93.089	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.090%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	239299	53.199	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	132705	50.723	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.440%	
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.446	112	9142	1.454	ug/L	# 89
65) 1,4-Dichlorobenzene	11.835	146	12533	3.257	ug/L	91
67) 1,2-Dichlorobenzene	12.211	146	14288	3.446	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	5752	2.398	ug/L	92

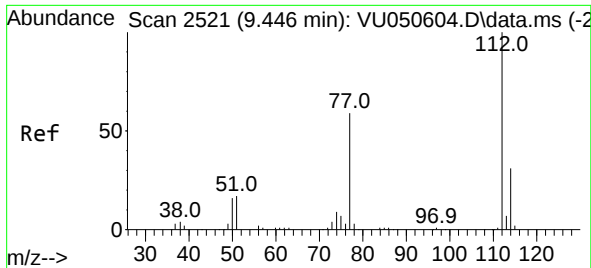
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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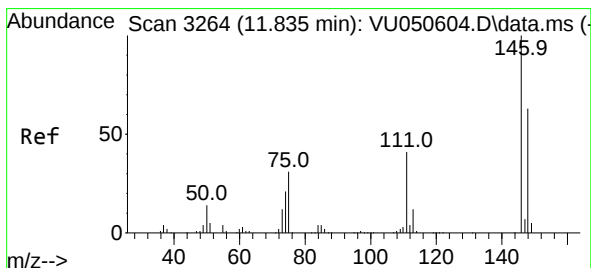
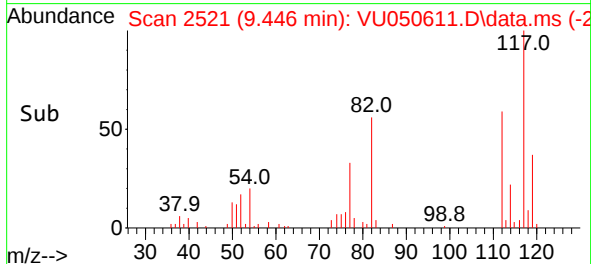
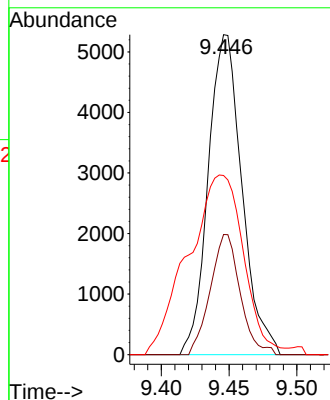
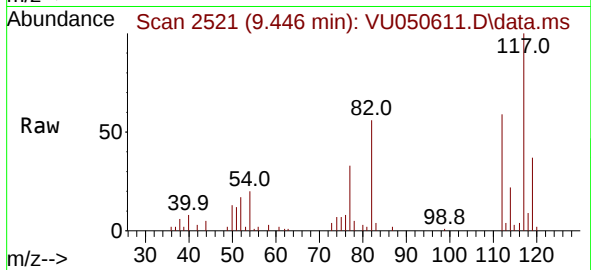




#51
Chlorobenzene
Concen: 1.454 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

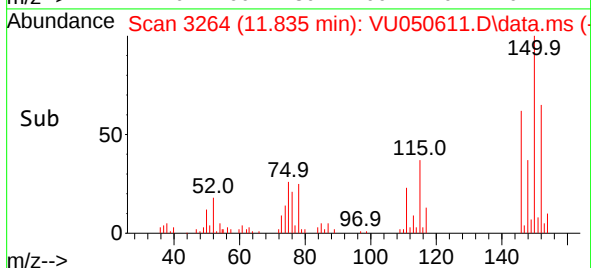
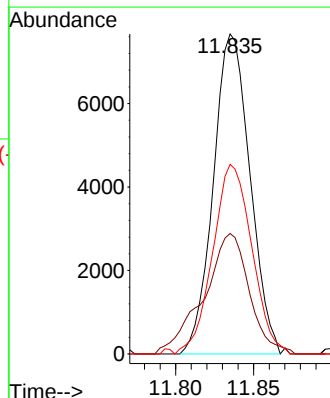
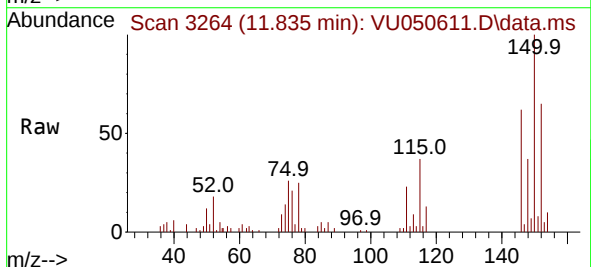
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

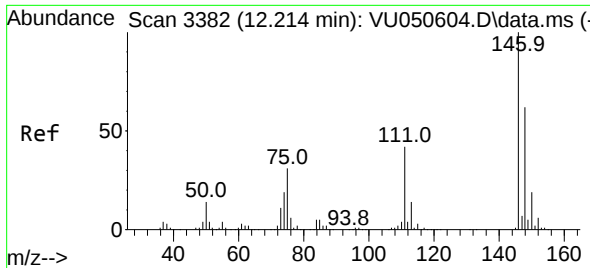
Tgt Ion:112 Resp: 9142
Ion Ratio Lower Upper
112 100
114 42.0 22.1 41.1#
77 56.0 49.2 73.8



#65
1,4-Dichlorobenzene
Concen: 3.257 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

Tgt Ion:146 Resp: 12533
Ion Ratio Lower Upper
146 100
111 35.4 27.9 51.7
148 55.7 44.4 82.4

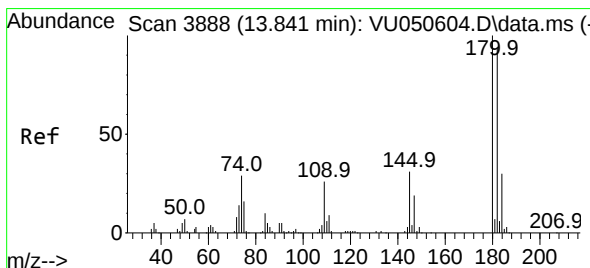
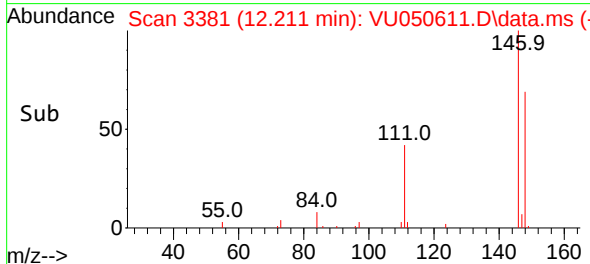
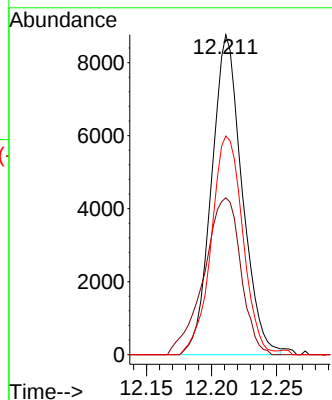
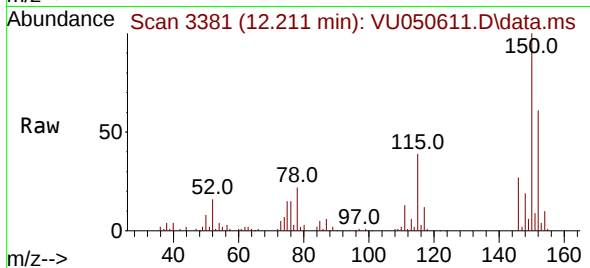




#67
1,2-Dichlorobenzene
Concen: 3.446 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion:146 Resp: 14288
Ion Ratio Lower Upper
146 100
111 49.0 35.1 52.7
148 68.3 51.8 77.6



#70
1,2,4-trichlorobenzene
Concen: 2.398 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

Tgt Ion:180 Resp: 5752
Ion Ratio Lower Upper
180 100
182 87.3 76.2 114.2
145 34.6 24.7 37.1

