

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080718\
 Data File : VU025964.D
 Acq On : 08 Aug 2018 02:09
 Operator : MD/SY
 Sample : J4361-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZA5

Quant Time: Aug 08 07:14:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 06:47:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	306582	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	120797	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78846	46.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.82%
7) Chloroethane-d5	1.68	69	63769	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.10%
11) 1,1-Dichloroethene-d2	2.27	63	115901	35.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.44%
21) 2-Butanone-d5	4.18	46	124296	106.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.33%
24) Chloroform-d	4.65	84	165176	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	5.31	65	112561	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
32) Benzene-d6	5.35	84	319262	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
36) 1,2-Dichloropropane-d6	6.33	67	103072	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.88%
41) Toluene-d8	7.57	98	292086	48.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.06%
43) trans-1,3-Dichloropropene-	7.85	79	47082	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
47) 2-Hexanone-d5	8.31	63	80564	100.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.37%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	138993	52.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	108137	54.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.38%

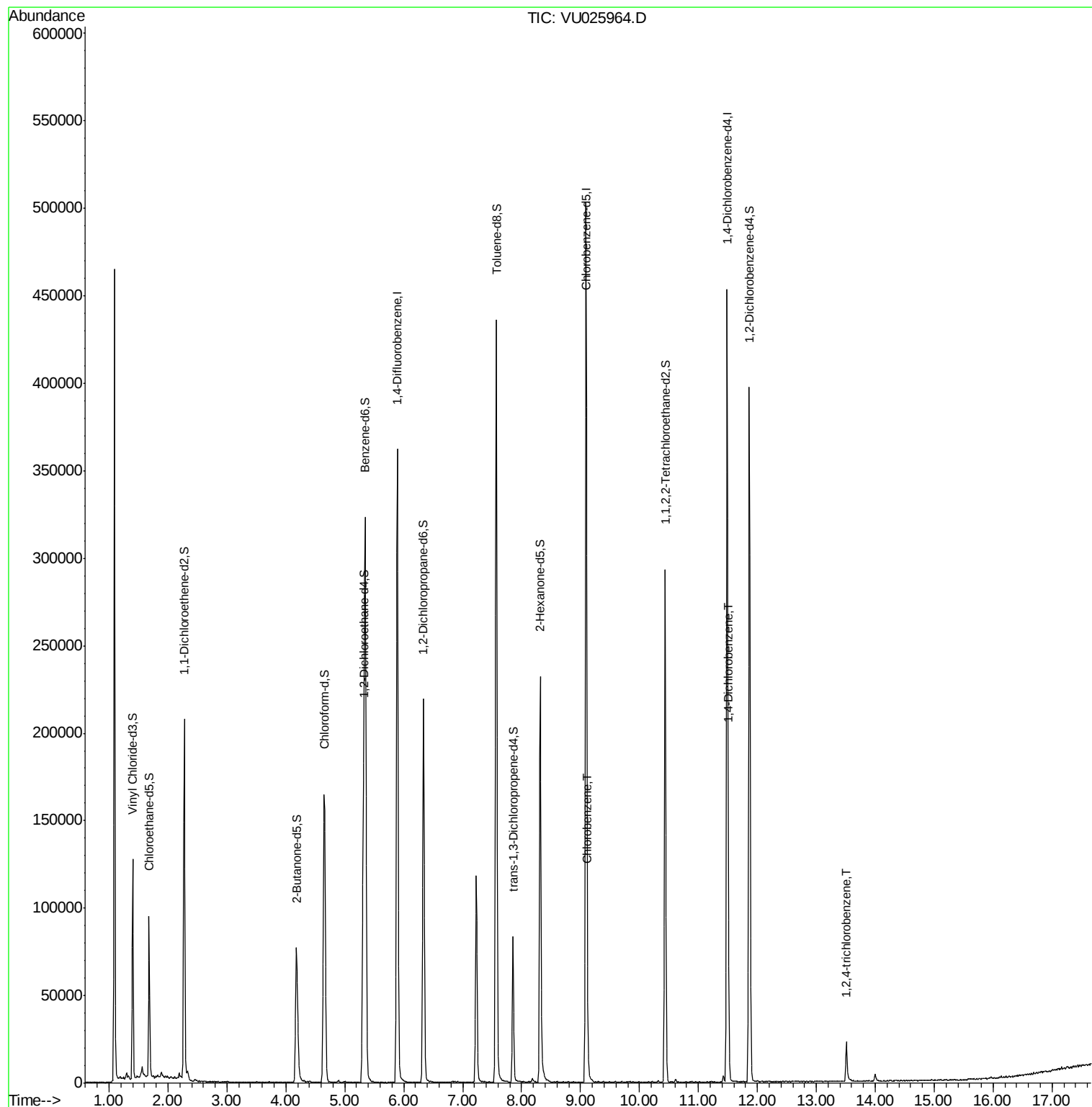
Target Compounds						Ovalue
51) Chlorobenzene	9.12	112	6737	1.23	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	10677	2.90	ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	8349	3.61	ug/L	94

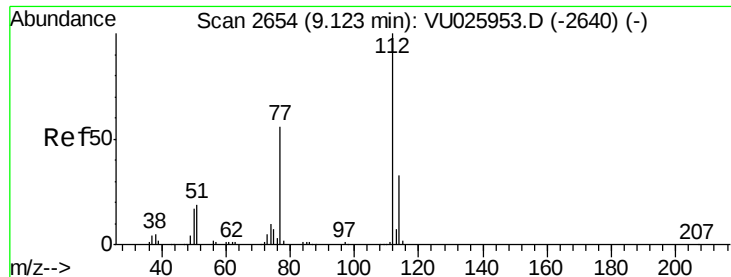
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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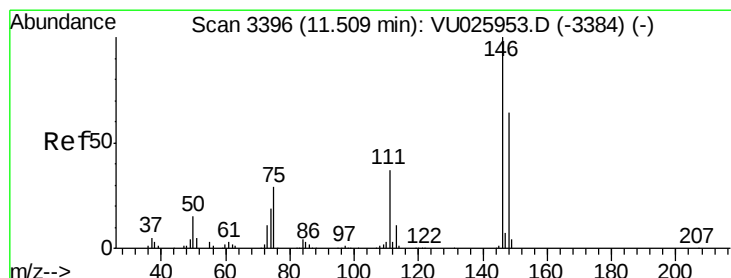
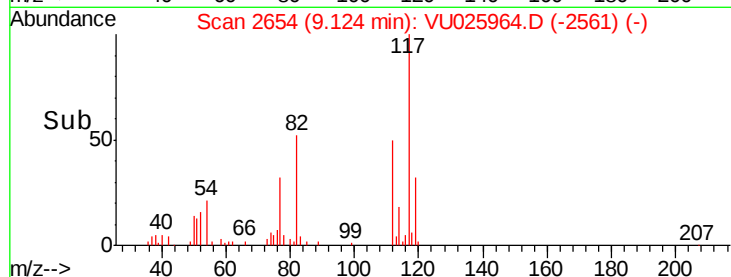
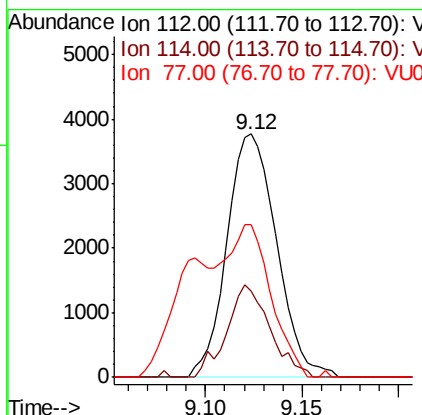
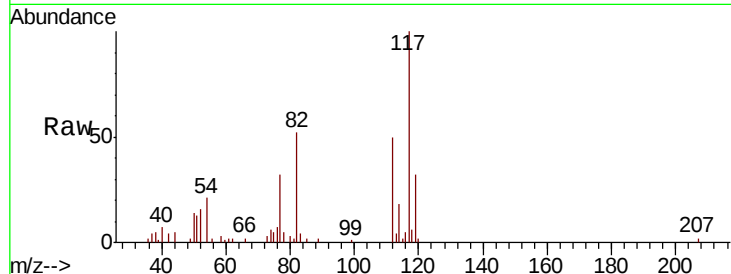




#51
Chlorobenzene
Concen: 1.23 ug/L
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025964.D
Acq: 08 Aug 2018 02:09

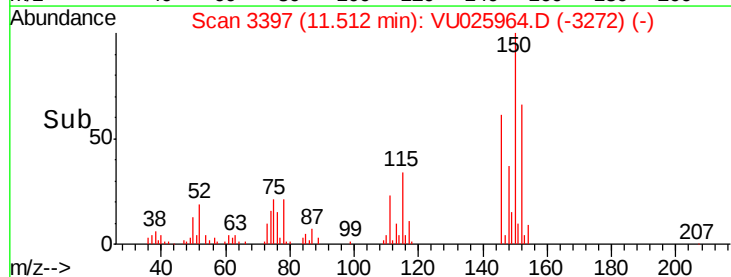
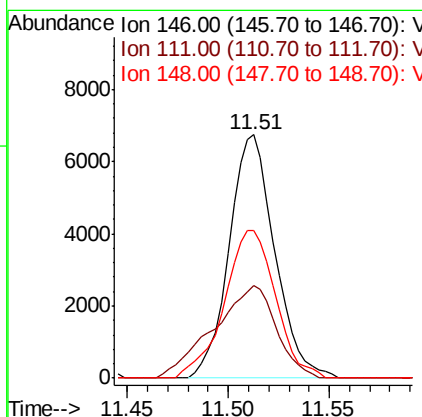
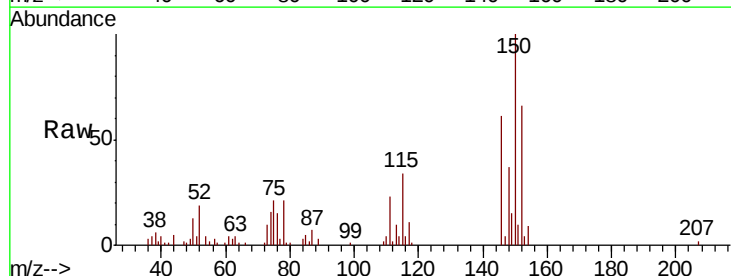
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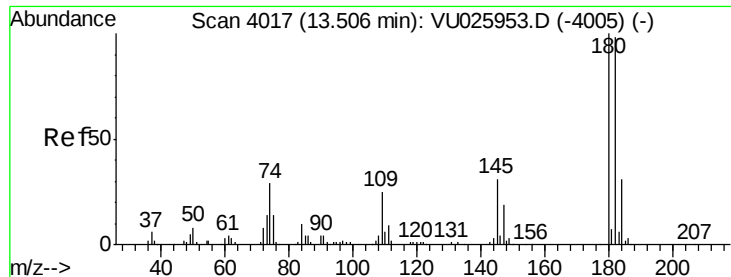
Tot Ion	Ratio	Lower	Upper
112	100		
114	35.6	22.9	42.5
77	62.6	46.6	70.0



#63
1,4-Dichlorobenzene
Concen: 2.90 ug/L
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU025964.D
Acq: 08 Aug 2018 02:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.7	49.7
148	60.4	45.2	84.0





#68
 1,2,4-trichlorobenzene
 Concen: 3.61 ug/L
 RT: 13.51 min Scan# 4018
 Delta R.T. 0.00 min
 Lab File: VU025964.D
 Acq: 08 Aug 2018 02:09

Instrument :
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Tot Ion	Ratio	Lower	Upper
180	100		
182	101.5	75.3	112.9
145	29.5	23.1	34.7

