

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100518\
 Data File : VU027451.D
 Acq On : 05 Oct 2018 14:31
 Operator : MD/SY
 Sample : J5250-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0908

Quant Time: Oct 06 05:15:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	207076	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75659	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.68	69	57878	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	100961	33.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.06%
21) 2-Butanone-d5	4.18	46	135265	102.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	4.65	84	116001	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	91037	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.34	84	275520	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
36) 1,2-Dichloropropane-d6	6.33	67	96639	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.50%
41) Toluene-d8	7.57	98	238699	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	7.85	79	44117	48.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.10%
47) 2-Hexanone-d5	8.31	63	97165	102.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122422	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	88872	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

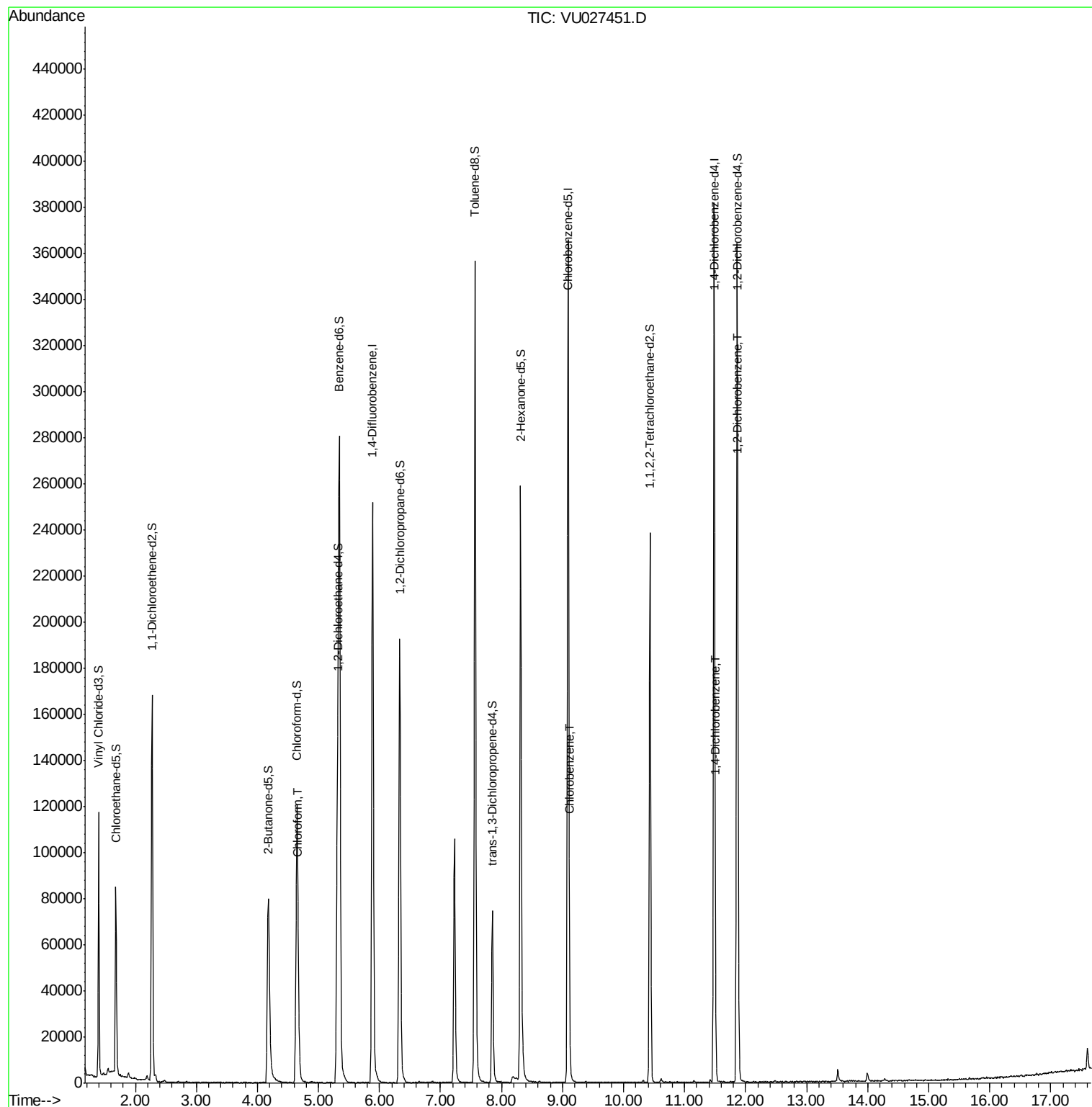
Target Compounds					Ovalue
25) Chloroform	4.68	83	15922	5.389 ug/L	98
51) Chlorobenzene	9.12	112	3749	0.936 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	3968	1.304 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	14666	4.937 ug/L	98

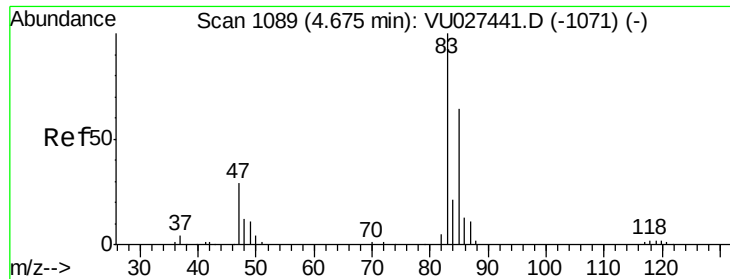
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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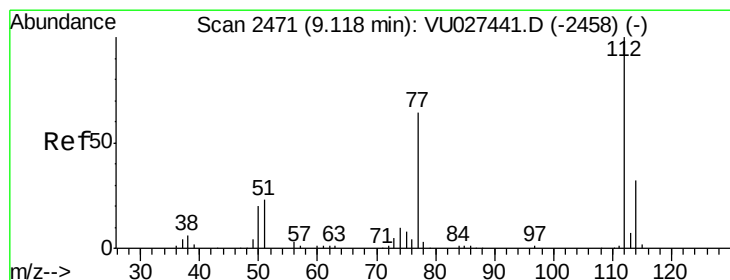
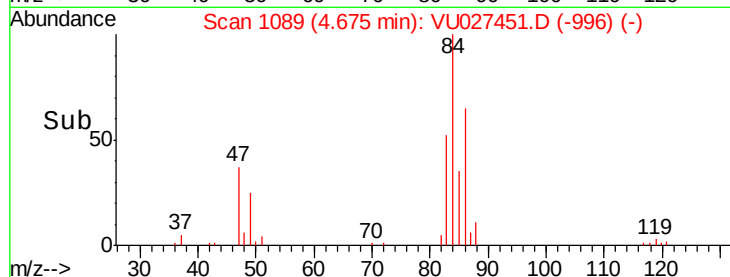
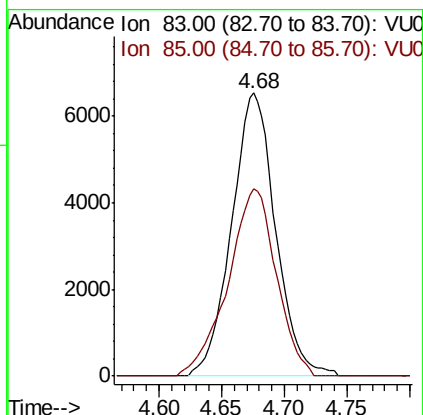
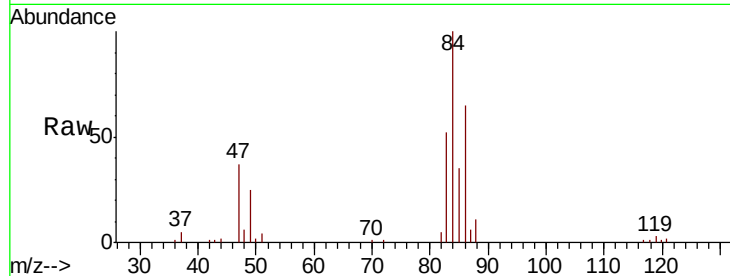




#25
Chloroform
Concen: 5.389 ug/L
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027451.D
Acq: 05 Oct 2018 14:31

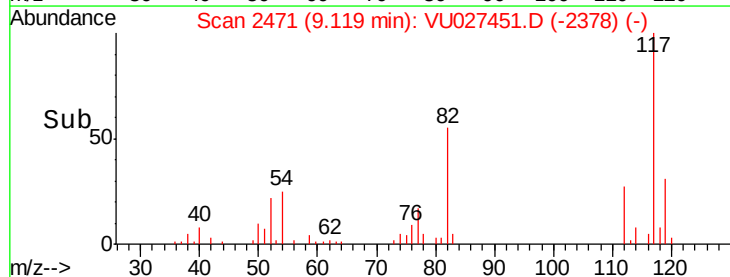
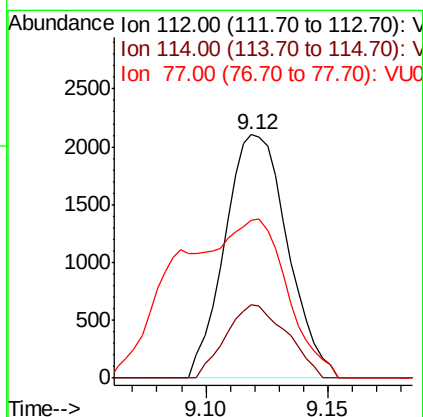
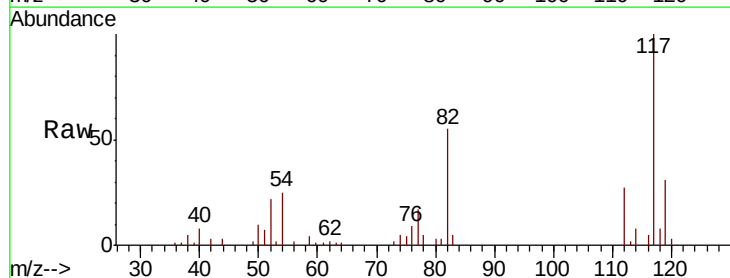
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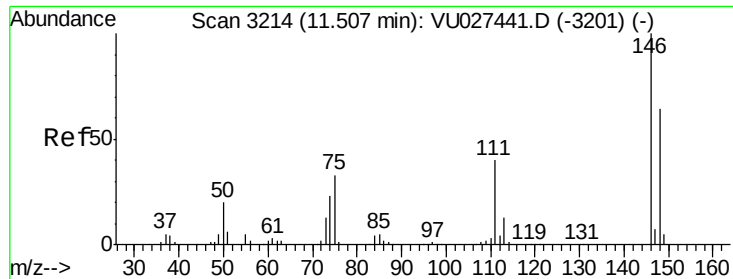
Tot Ion: 83 Resp: 15922
Ion Ratio Lower Upper
83 100
85 66.1 45.0 83.6



#51
Chlorobenzene
Concen: 0.936 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027451.D
Acq: 05 Oct 2018 14:31

Tgt Ion: 112 Resp: 3749
Ion Ratio Lower Upper
112 100
114 30.4 22.3 41.5
77 65.1 51.7 77.5

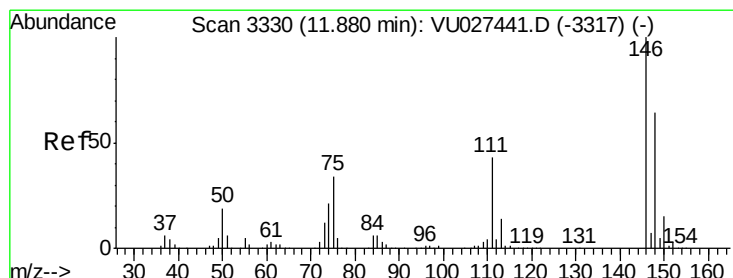
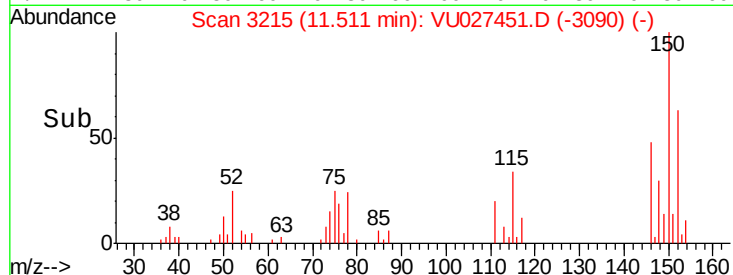
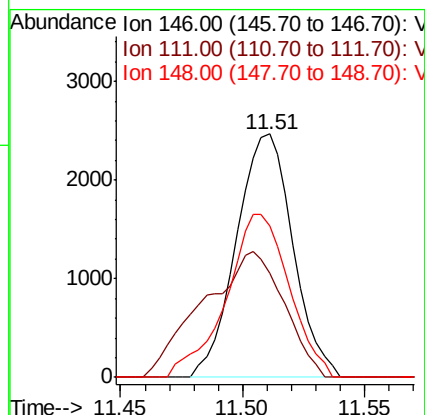
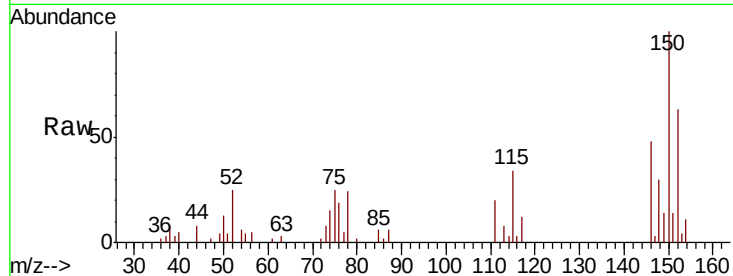




#63
 1,4-Dichlorobenzene
 Concen: 1.304 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027451.D
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Tot Ion:146 Resp: 3968
 Ion Ratio Lower Upper
 146 100
 111 42.7 28.1 52.1
 148 62.0 44.4 82.5



#65
 1,2-Dichlorobenzene
 Concen: 4.937 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

Tgt Ion:146 Resp: 14666
 Ion Ratio Lower Upper
 146 100
 111 46.3 34.9 52.3
 148 64.9 51.6 77.4

