

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
 Data File : VU026949.D
 Acq On : 20 Sep 2018 21:34
 Operator : MD/SY
 Sample : J5012-06 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L9

Quant Time: Sep 21 06:44:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 04:24:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	196261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	170066	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80636	55.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.08%
7) Chloroethane-d5	1.66	69	71413	57.47	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.94%
11) 1,1-Dichloroethene-d2	2.27	63	103143	37.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.10%
21) 2-Butanone-d5	4.18	46	135459	140.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.60%#
24) Chloroform-d	4.65	84	148313	55.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.14%
26) 1,2-Dichloroethane-d4	5.31	65	99891	58.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.82%
32) Benzene-d6	5.34	84	289879	60.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.64%
36) 1,2-Dichloropropane-d6	6.33	67	99013	64.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.96%#
41) Toluene-d8	7.57	98	226060	52.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	7.85	79	40849	59.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.16%
47) 2-Hexanone-d5	8.31	63	99520	164.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	164.89%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	143364	66.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	133.90%#
64) 1,2-Dichlorobenzene-d4	11.86	152	88777	67.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	135.62%#

Target Compounds

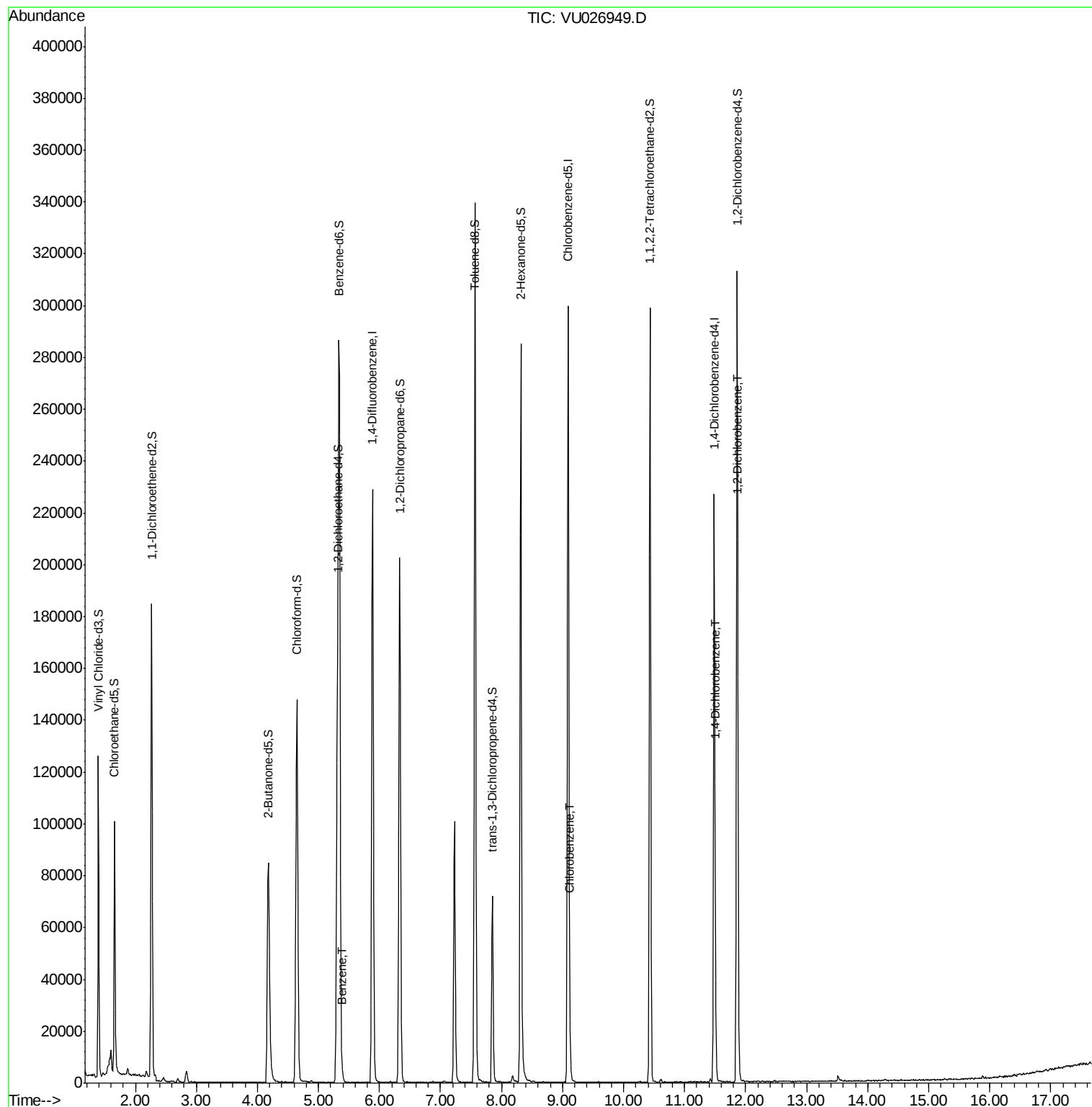
					Ovalue
33) Benzene	5.39	78	2826	0.536 ug/L	100
51) Chlorobenzene	9.12	112	8504	2.349 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	6637	3.142 ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	6921	3.258 ug/L	99

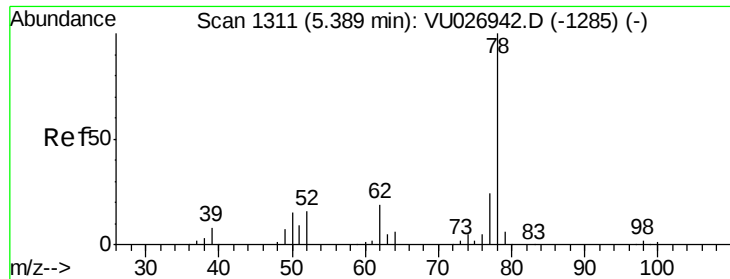
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.536 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

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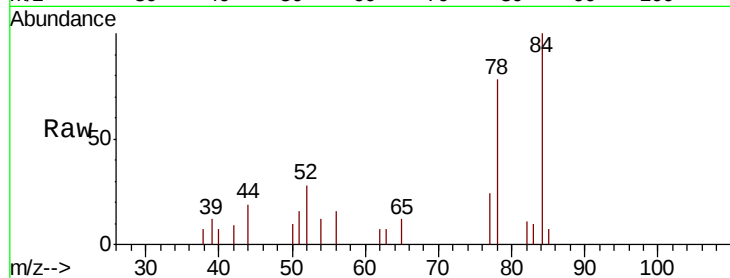
Instrument :

MSVOA_U

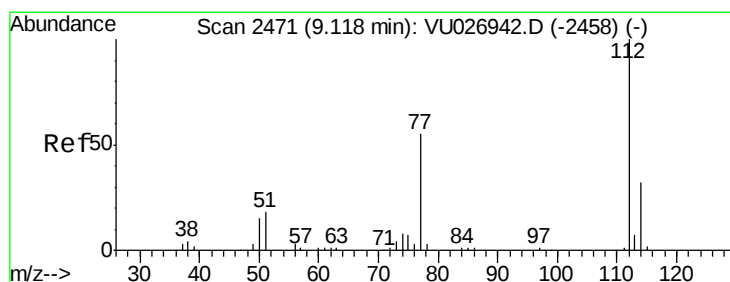
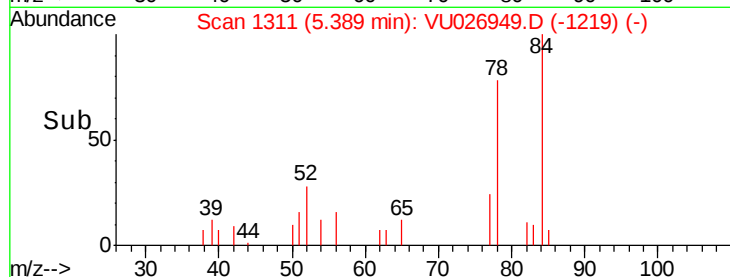
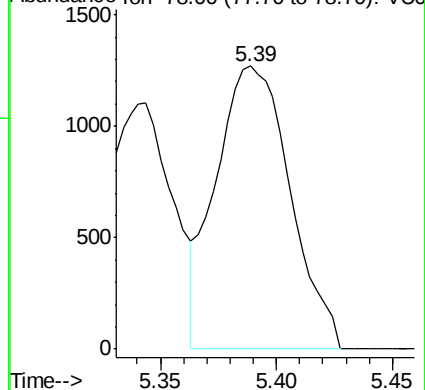
ClientSampleId :

C08L9

Tgt Ion: 78 Resp: 2826



Abundance Ion 78.00 (77.70 to 78.70): VU0



#51

Chlorobenzene

Concen: 2.349 ug/L

RT: 9.12 min Scan# 2472

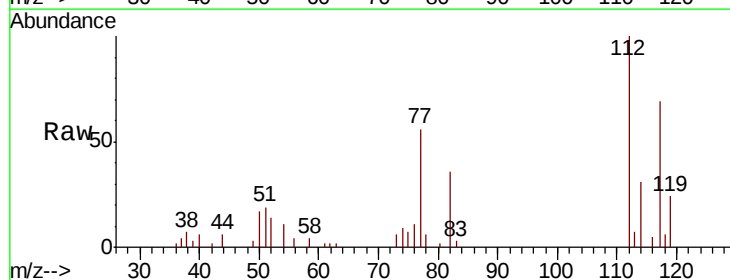
Delta R.T. 0.00 min

Lab File: VU026949.D

Acq: 20 Sep 2018 21:34

Tgt Ion: 112 Resp: 8504

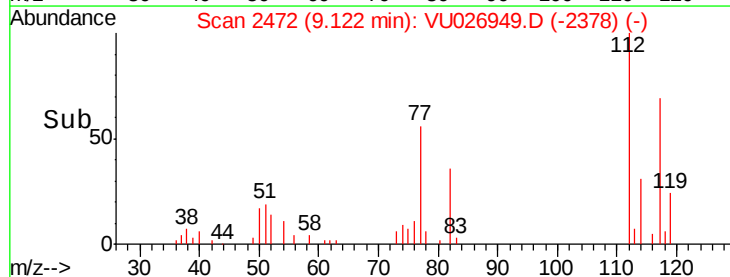
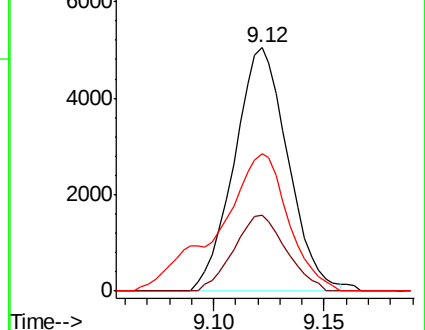
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.5
77	56.3	45.1	67.7

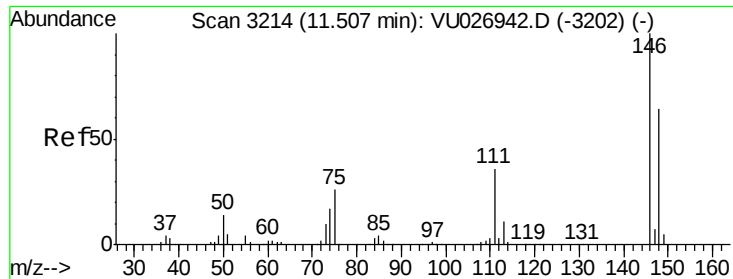


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

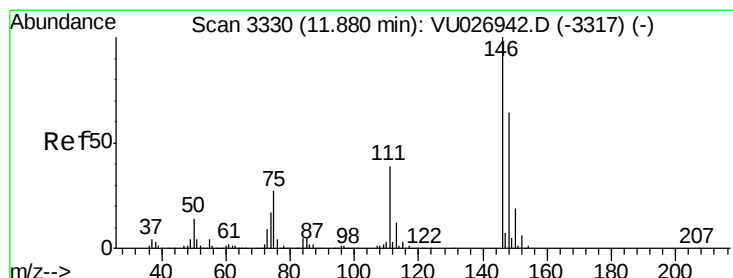
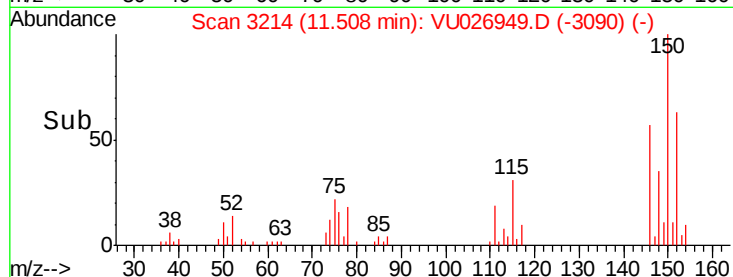
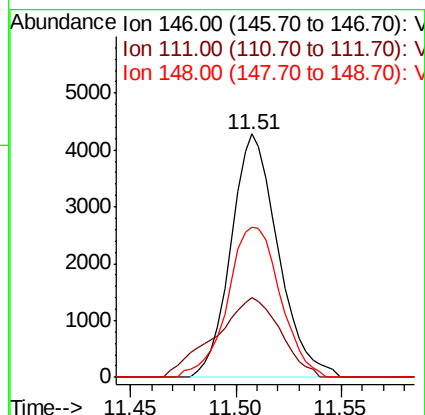
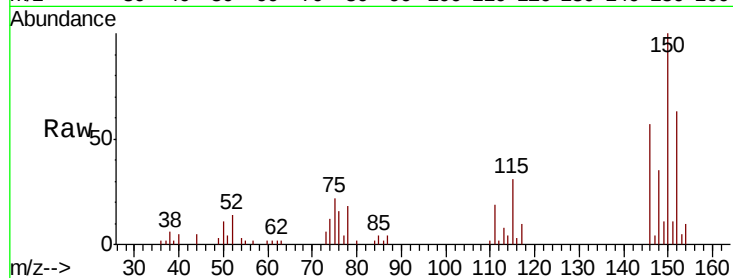




#63
 1,4-Dichlorobenzene
 Concen: 3.142 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026949.D
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Tot Ion:146 Resp: 6637
 Ion Ratio Lower Upper
 146 100
 111 32.6 26.0 48.2
 148 61.5 45.8 85.2



#65
 1,2-Dichlorobenzene
 Concen: 3.258 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026949.D
 Acq: 20 Sep 2018 21:34

Tgt Ion:146 Resp: 6921
 Ion Ratio Lower Upper
 146 100
 111 40.4 31.4 47.0
 148 63.8 51.4 77.2

