

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033236.D
 Acq On : 12 Jul 2019 20:50
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Jul 13 01:43:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 00:05:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	296377	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	292716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	112578	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.36%
7) Chloroethane-d5	1.67	69	101434	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.84%
11) 1,1-Dichloroethene-d2	2.26	63	150255	36.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.84%
21) 2-Butanone-d5	4.15	46	147053	103.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.62	84	184592	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
26) 1,2-Dichloroethane-d4	5.29	65	125206	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
32) Benzene-d6	5.32	84	388981	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.34%
36) 1,2-Dichloropropane-d6	6.31	67	124328	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.10%
41) Toluene-d8	7.55	98	346575	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%
43) trans-1,3-Dichloropropene-	7.83	79	56955	50.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.98%
47) 2-Hexanone-d5	8.29	63	114704	110.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.61%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	182377	52.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	130834	56.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.28%

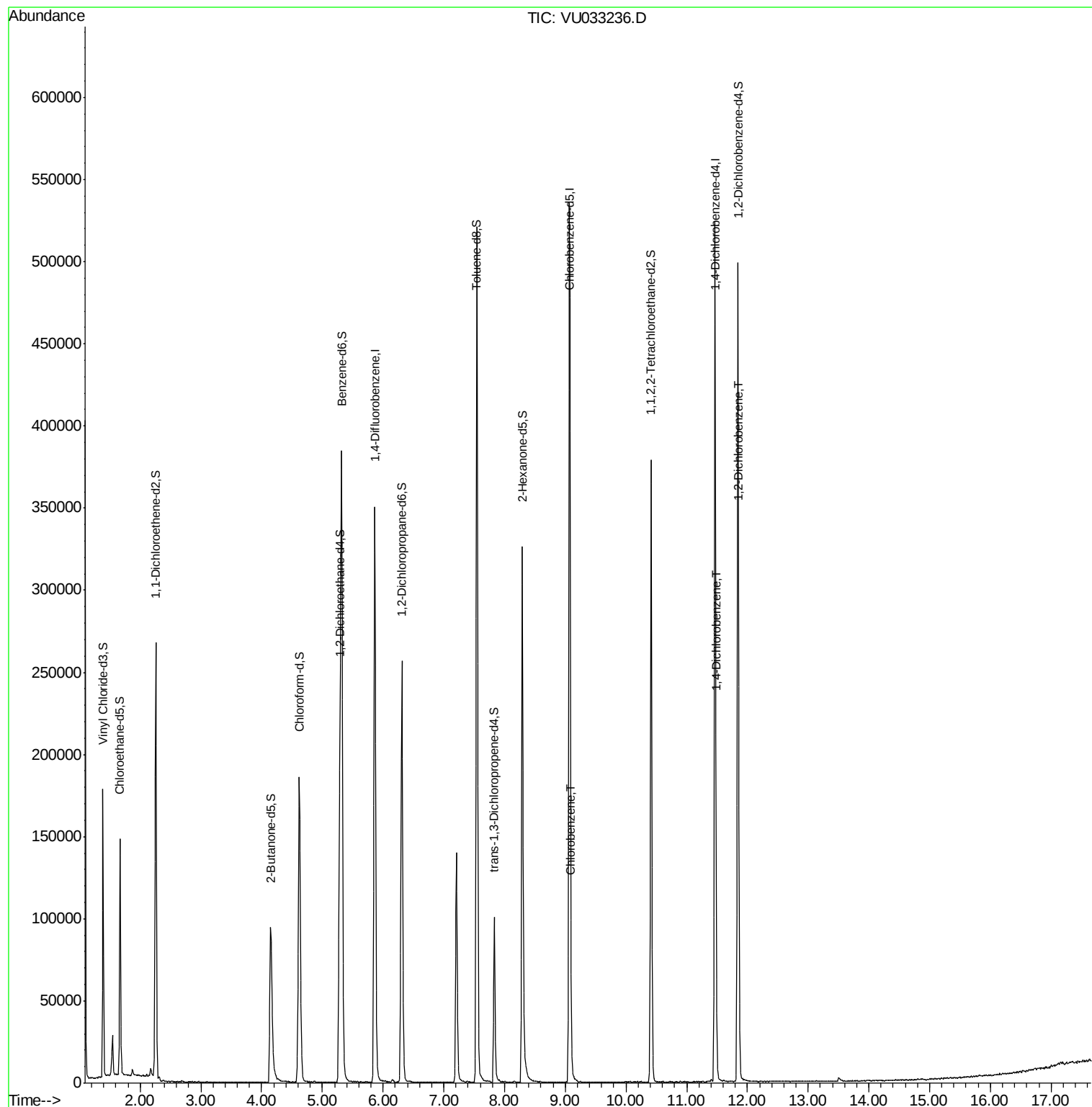
Target Compounds					Ovalue
51) Chlorobenzene	9.10	112	6535	1.088 ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	7087	1.685 ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	6859	1.663 ug/L	97

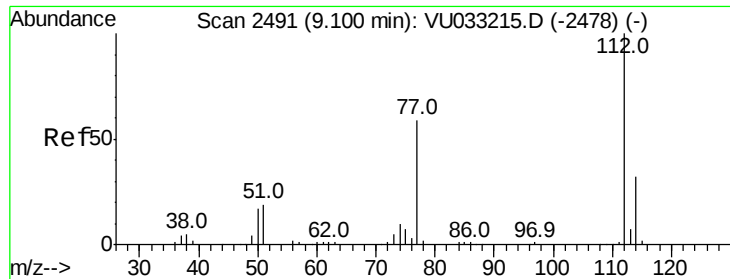
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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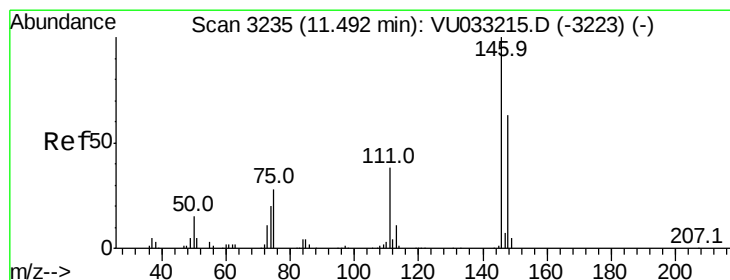
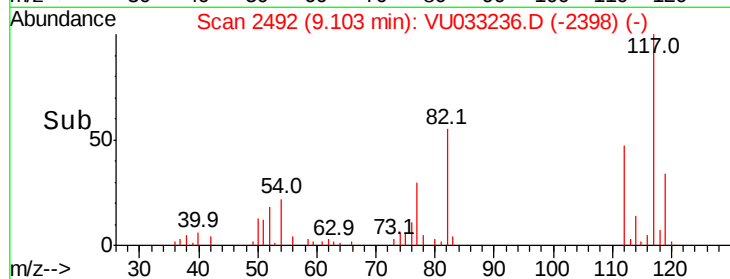
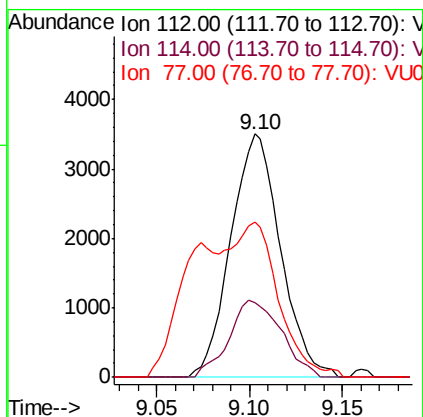
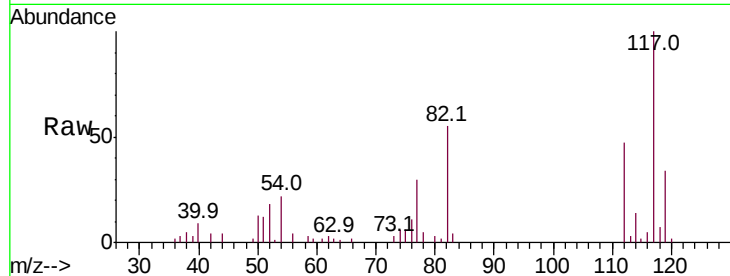




#51
Chlorobenzene
Concen: 1.088 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033236.D
Acq: 12 Jul 2019 20:50

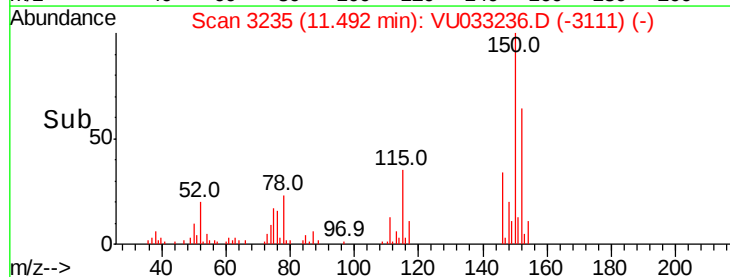
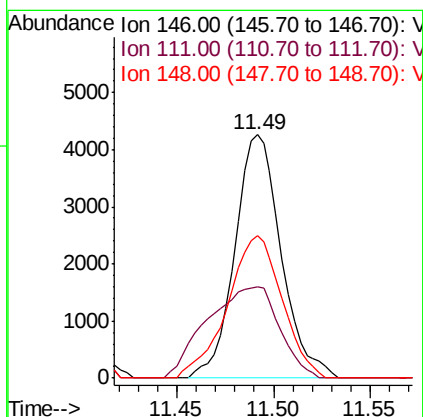
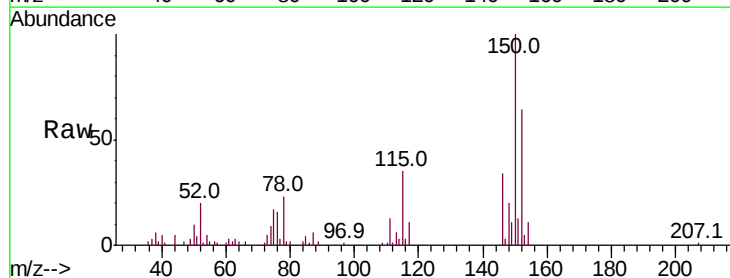
Instrument :
MSVOA_U
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VIBLK40

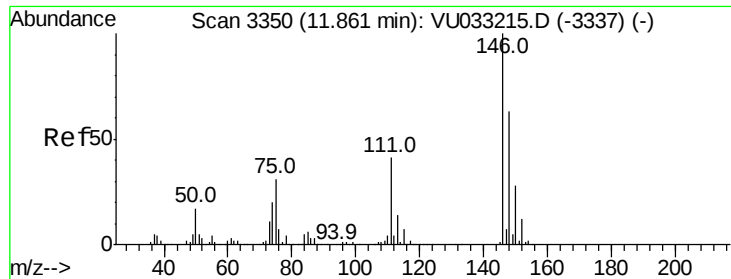
Tot Ion:112 Resp: 6535
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.3
77 63.8 47.2 70.8



#63
1,4-Dichlorobenzene
Concen: 1.685 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU033236.D
Acq: 12 Jul 2019 20:50

Tgt Ion:146 Resp: 7087
Ion Ratio Lower Upper
146 100
111 37.6 27.8 51.6
148 58.6 44.6 82.8





#65

1,2-Dichlorobenzene

Concen: 1.663 ug/L

RT: 11.86 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VU033236.D

Acq: 12 Jul 2019 20:50

Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

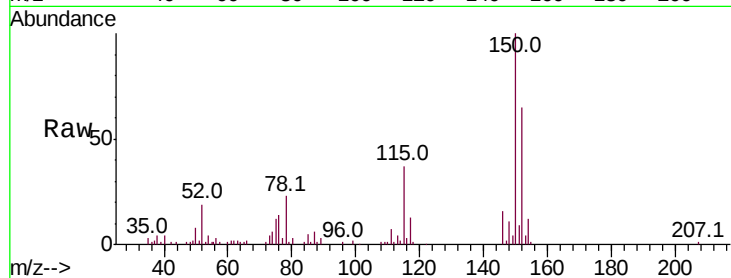
Tot Ion:146 Resp: 6859

Ion Ratio Lower Upper

146 100

111 45.7 34.3 51.5

148 65.7 51.5 77.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

