

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033398.D
 Acq On : 25 Jul 2019 10:32
 Operator : JC/SP
 Sample : K3976-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC7

Quant Time: Jul 26 05:04:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:32:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	263441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	264595	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	111291	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	80488	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.67	69	79818	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.70%
11) 1,1-Dichloroethene-d2	2.25	63	121429	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.15	46	125464	99.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.29%
24) Chloroform-d	4.62	84	160343	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.29	65	107804	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.32	84	305793	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	6.31	67	102284	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.38%
41) Toluene-d8	7.55	98	266767	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%
43) trans-1,3-Dichloropropene-	7.83	79	44733	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.74%
47) 2-Hexanone-d5	8.29	63	88147	94.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	162155	51.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.06%
64) 1,2-Dichlorobenzene-d4	11.85	152	105379	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

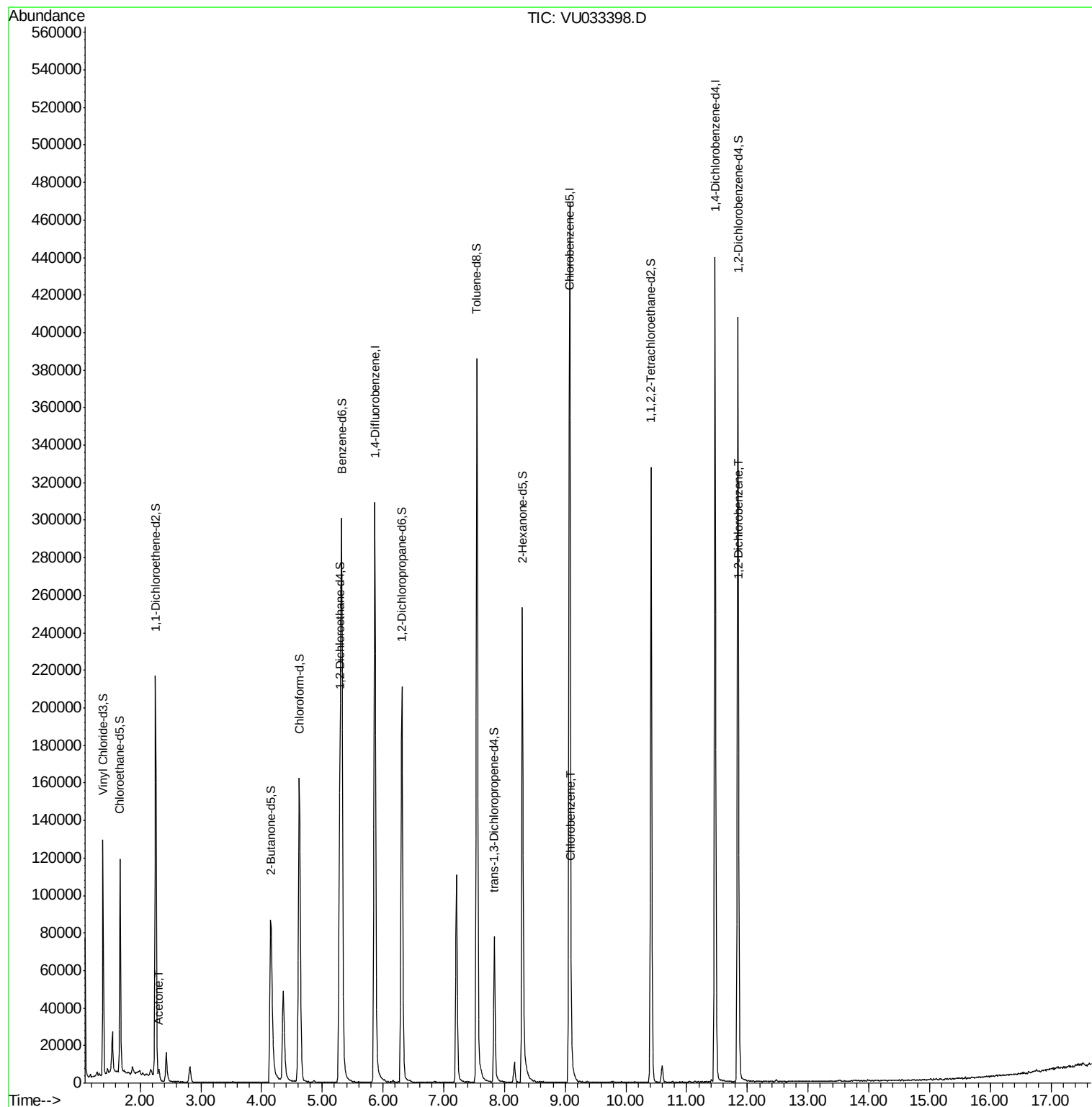
Target Compounds					Ovalue
13) Acetone	2.31	43	5029	3.185 ug/L	98
51) Chlorobenzene	9.10	112	5448	1.003 ug/L	94
65) 1,2-Dichlorobenzene	11.86	146	4010	1.141 ug/L	96

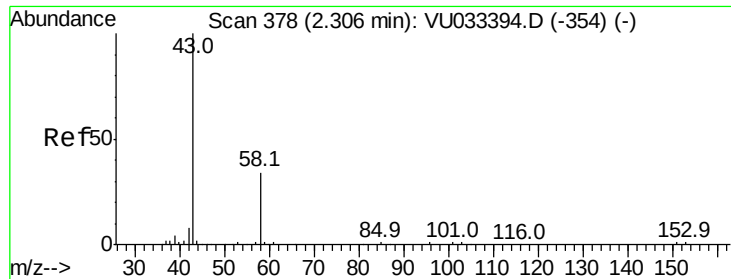
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.185 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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Acq: 25 Jul 2019 10:32

Instrument :

MSVOA_U

ClientSampleId :

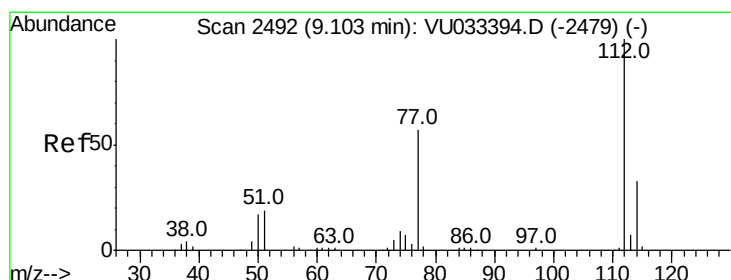
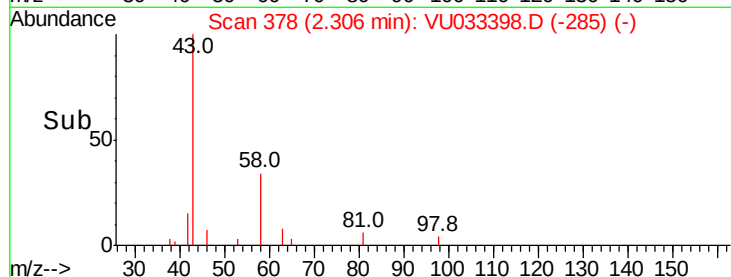
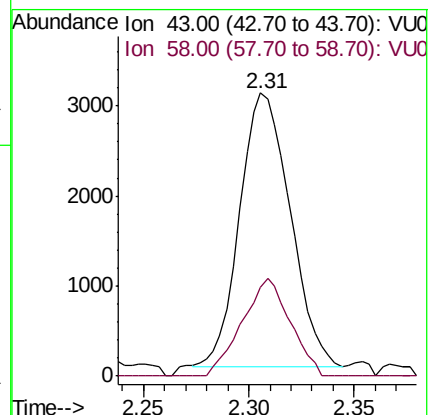
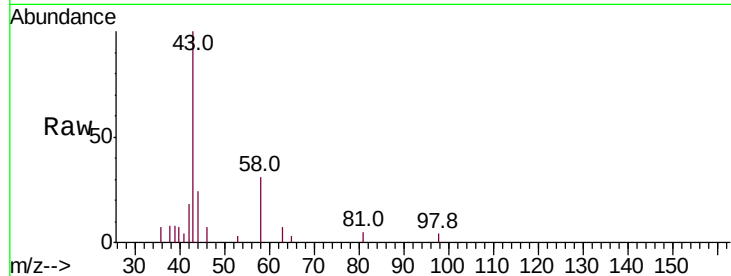
C0CC7

Tot Ion: 43 Resp: 5029

Ion Ratio Lower Upper

43 100

58 34.0 0.0 65.4



#51

Chlorobenzene

Concen: 1.003 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

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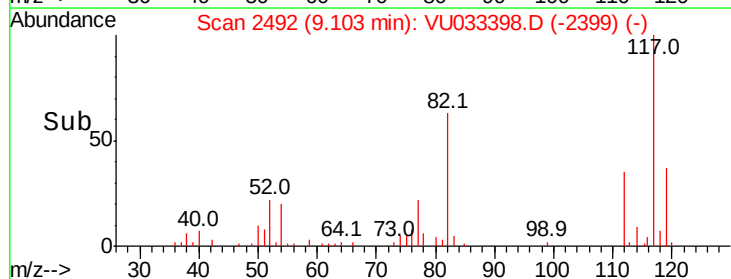
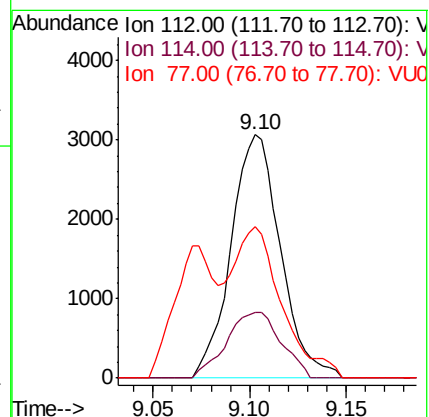
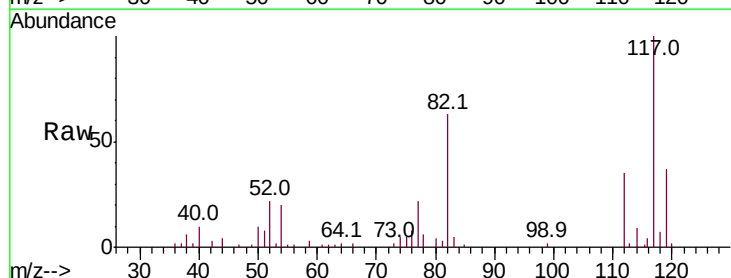
Tgt Ion: 112 Resp: 5448

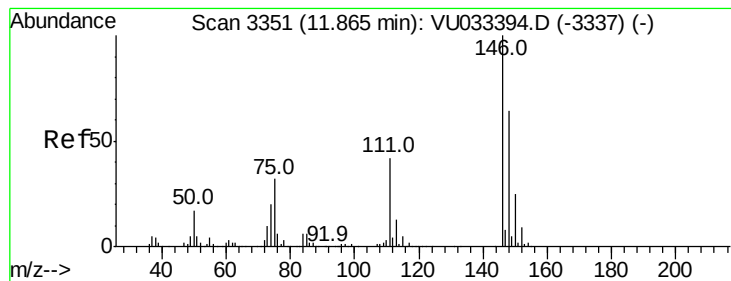
Ion Ratio Lower Upper

112 100

114 27.1 22.3 41.3

77 62.1 47.2 70.8





#65

1,2-Dichlorobenzene

Concen: 1.141 ug/L

RT: 11.86 min Scan# 3351

Delta R.T. 0.00 min

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Acq: 25 Jul 2019 10:32

Instrument :

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ClientSampleId :

C0CC7

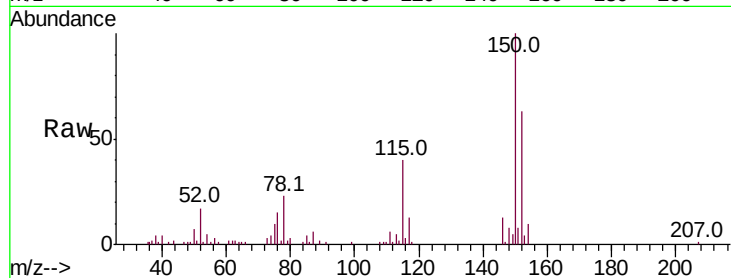
Tot Ion:146 Resp: 4010

Ion Ratio Lower Upper

146 100

111 48.0 34.3 51.5

148 63.5 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

