

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\
 Data File : VU033454.D
 Acq On : 26 Jul 2019 15:33
 Operator : JC/SP
 Sample : K3976-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC9

Quant Time: Jul 27 04:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:57:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	267512	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	272018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	119113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	97906	48.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.70%
7) Chloroethane-d5	1.67	69	88512	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.32%
11) 1,1-Dichloroethene-d2	2.25	63	141734	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.18%
21) 2-Butanone-d5	4.15	46	138707	108.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.10%
24) Chloroform-d	4.62	84	161680	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.29	65	115594	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
32) Benzene-d6	5.32	84	336476	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
36) 1,2-Dichloropropane-d6	6.31	67	110206	51.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.12%
41) Toluene-d8	7.55	98	292429	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.83	79	49779	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.30	63	93693	97.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.23%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	165417	51.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	115572	54.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.82%

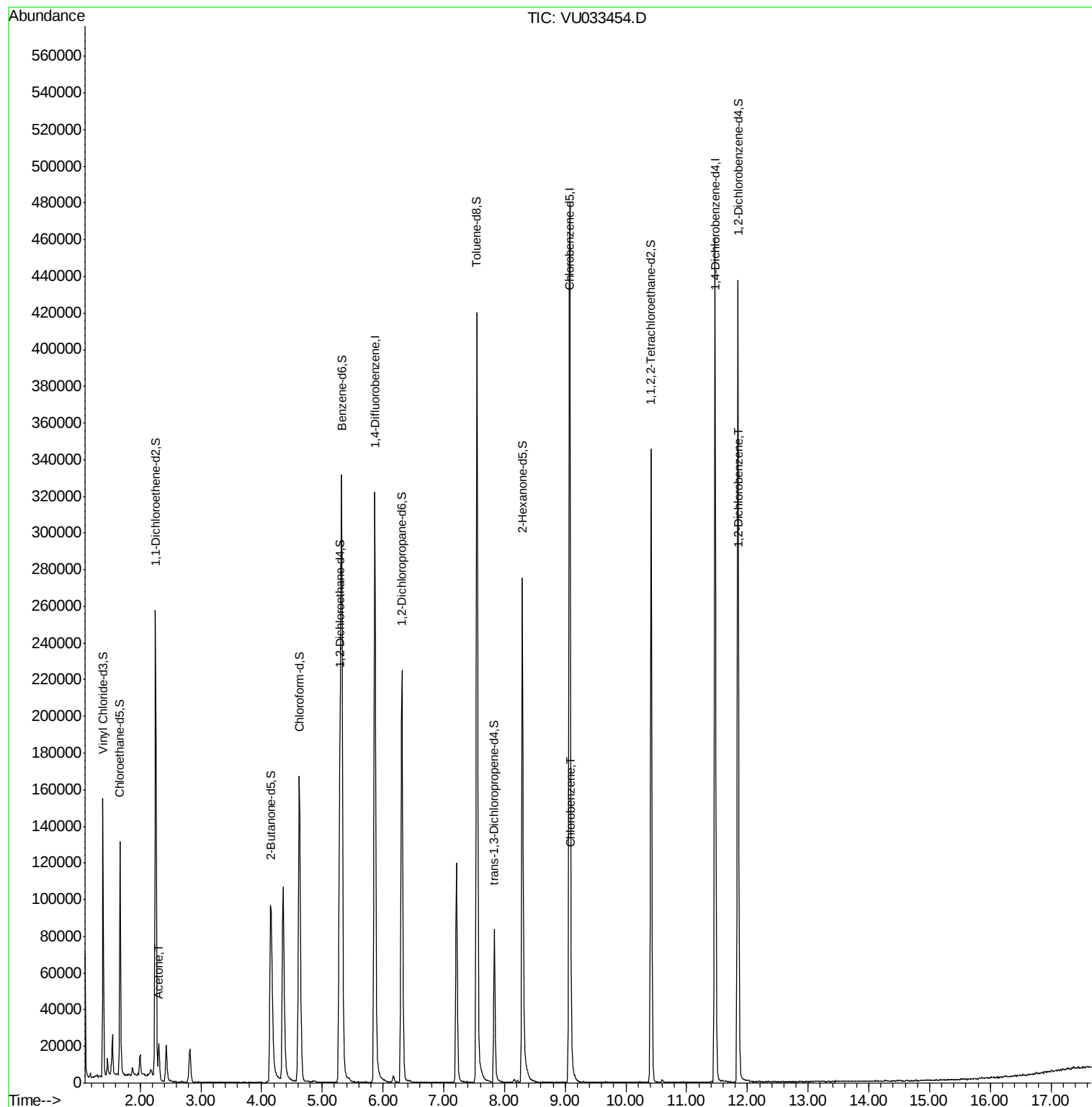
Target Compounds					Ovalue
13) Acetone	2.31	43	19775	12.335 ug/L	99
51) Chlorobenzene	9.10	112	5045	0.904 ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	3676	0.978 ug/L	95

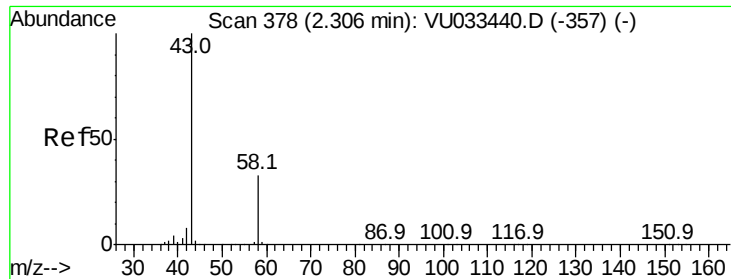
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.335 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VU033454.D

Acq: 26 Jul 2019 15:33

Instrument :

MSVOA_U

ClientSampleId :

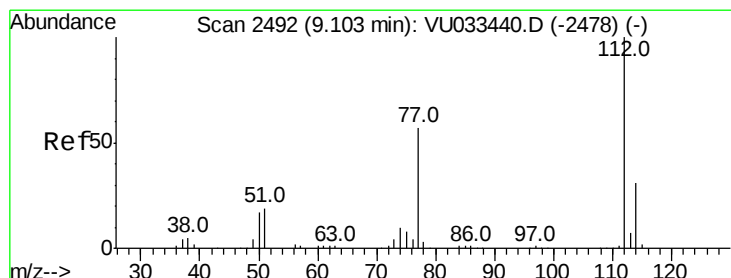
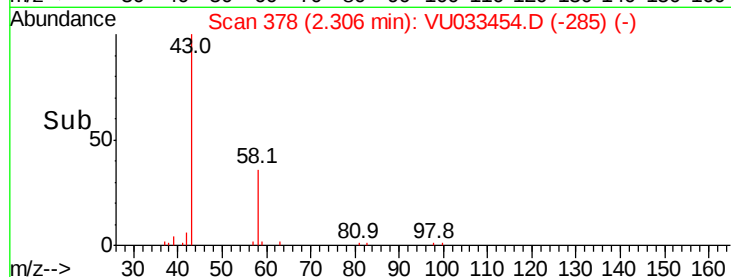
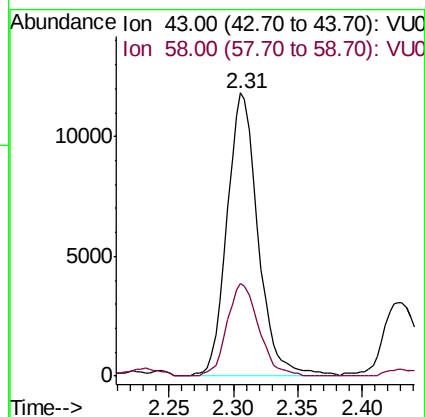
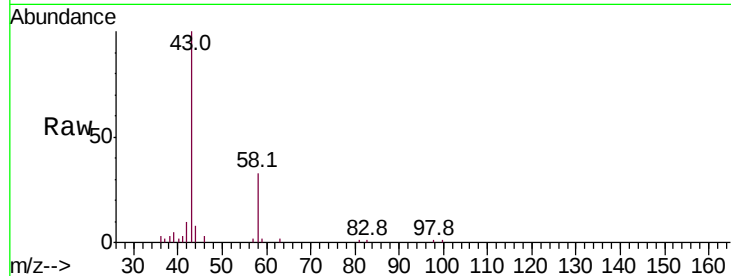
C0CC9

Tot Ion: 43 Resp: 19775

Ion Ratio Lower Upper

43 100

58 33.4 0.0 65.4



#51

Chlorobenzene

Concen: 0.904 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

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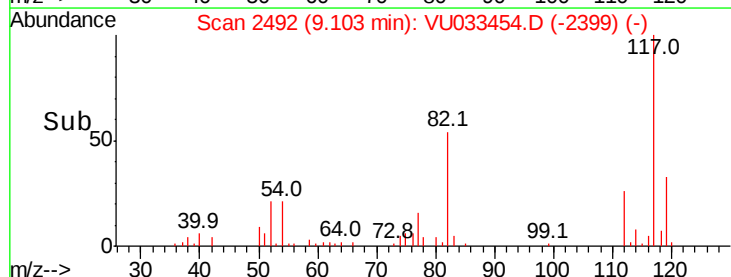
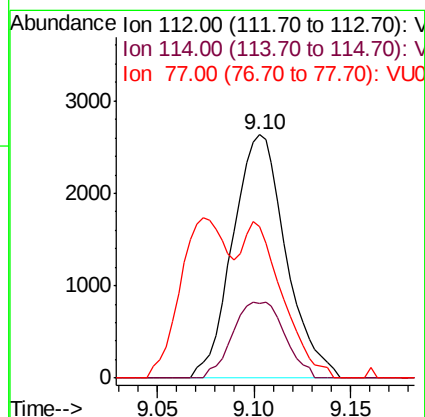
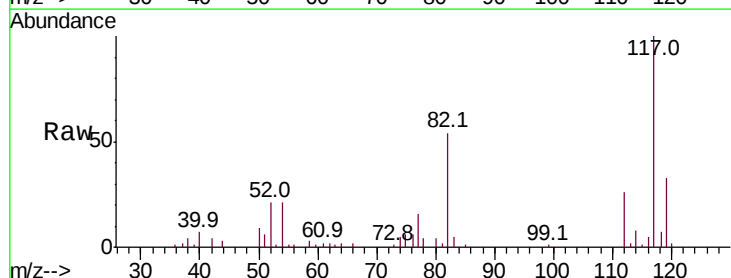
Tgt Ion: 112 Resp: 5045

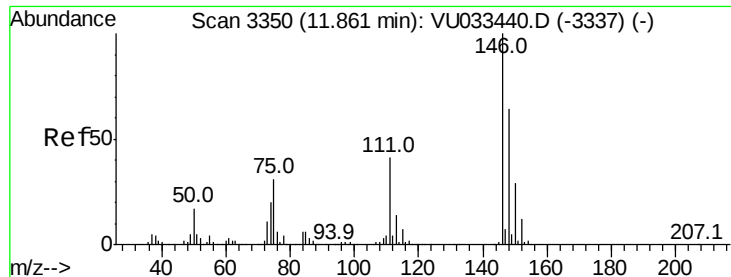
Ion Ratio Lower Upper

112 100

114 30.9 22.3 41.3

77 62.3 47.2 70.8





#65

1,2-Dichlorobenzene

Concen: 0.978 ug/L

RT: 11.86 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VU033454.D

Acq: 26 Jul 2019 15:33

Instrument :

MSVOA_U

ClientSampleId :

C0CC9

Tot Ion:146 Resp: 3676

Ion Ratio Lower Upper

146 100

111 47.9 34.3 51.5

148 66.7 51.5 77.3

