

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\
 Data File : VU033448.D
 Acq On : 26 Jul 2019 13:15
 Operator : JC/SP
 Sample : K3976-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CC9

Quant Time: Jul 27 04:00:53 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	268799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	119779	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103367	50.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.60%
7) Chloroethane-d5	1.67	69	93879	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.02%
11) 1,1-Dichloroethene-d2	2.26	63	139347	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.50%
21) 2-Butanone-d5	4.15	46	147093	114.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.09%
24) Chloroform-d	4.62	84	180513	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	5.29	65	120462	55.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.16%
32) Benzene-d6	5.32	84	357893	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.02%
36) 1,2-Dichloropropane-d6	6.31	67	116852	54.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.06%
41) Toluene-d8	7.55	98	314821	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%
43) trans-1,3-Dichloropropene-	7.83	79	50667	47.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.56%
47) 2-Hexanone-d5	8.29	63	100278	102.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	176255	53.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	123015	57.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.18%

Target Compounds

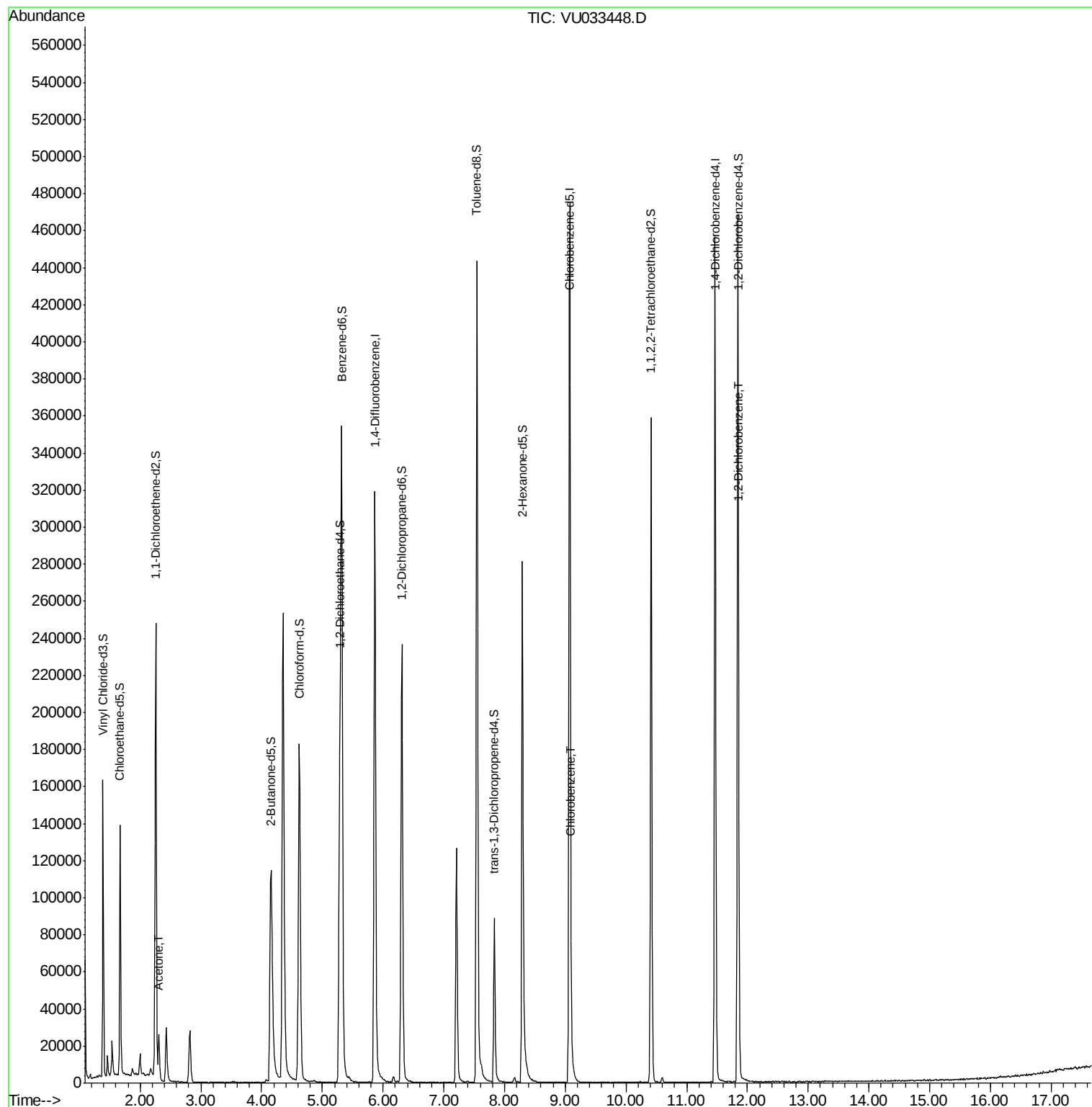
					Ovalue
13) Acetone	2.31	43	24481	15.197 ug/L	99
51) Chlorobenzene	9.10	112	5318	0.942 ug/L	96
65) 1,2-Dichlorobenzene	11.86	146	3891	1.029 ug/L	88

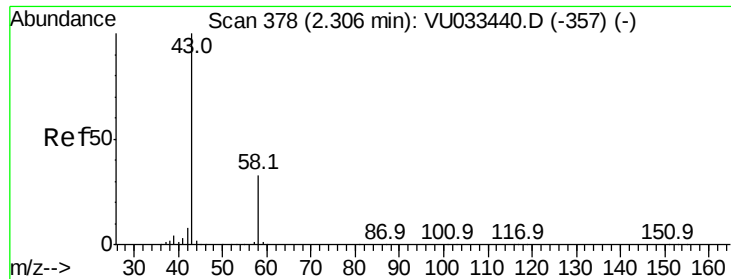
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.197 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033448.D

Acq: 26 Jul 2019 13:15

Instrument :

MSVOA_U

ClientSampleId :

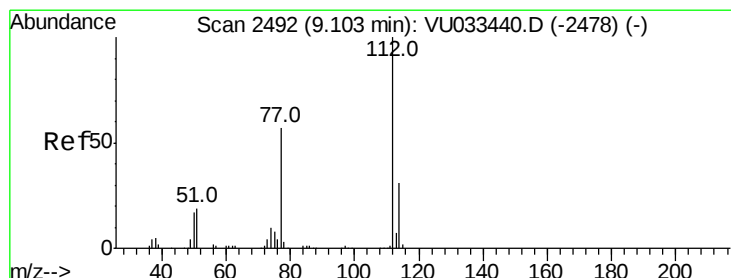
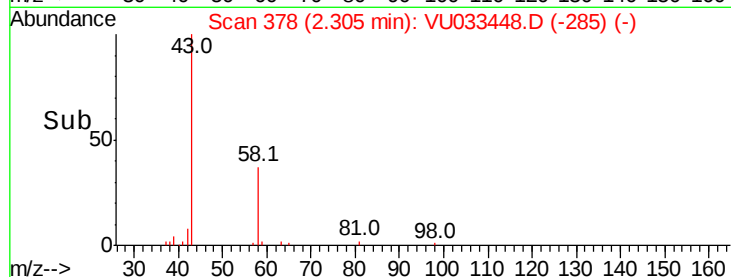
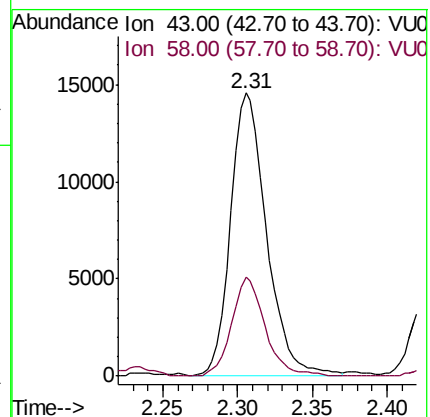
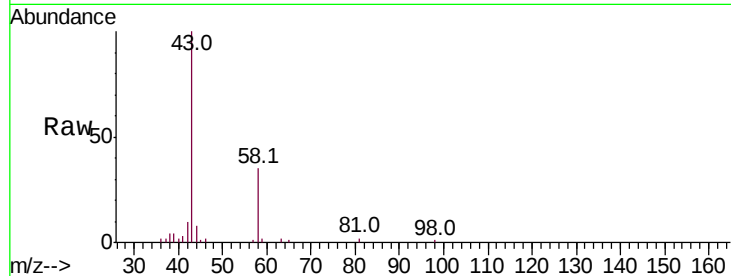
C0CC9

Tot Ion: 43 Resp: 24481

Ion Ratio Lower Upper

43 100

58 32.3 0.0 65.4



#51

Chlorobenzene

Concen: 0.942 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

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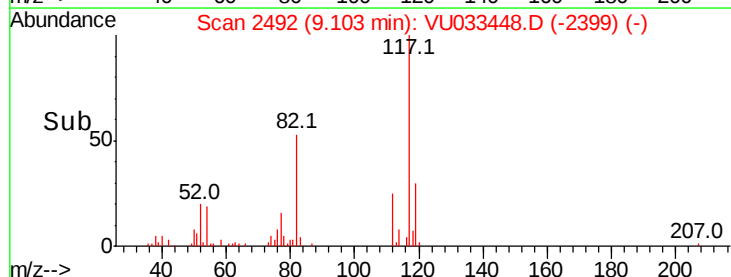
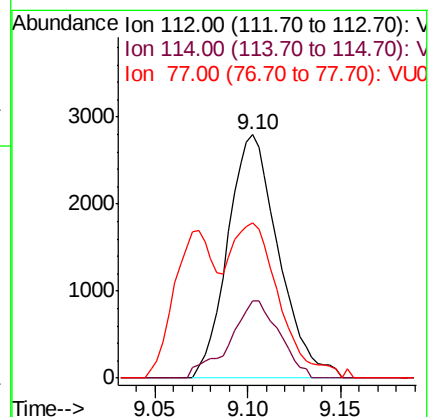
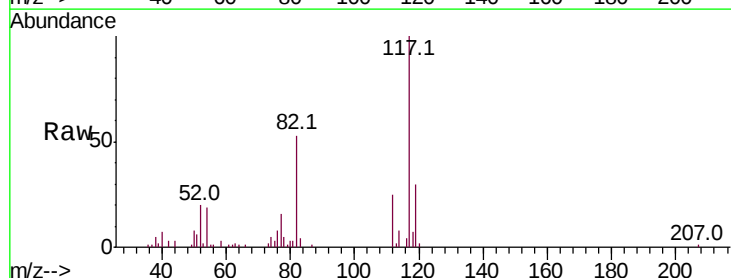
Tgt Ion: 112 Resp: 5318

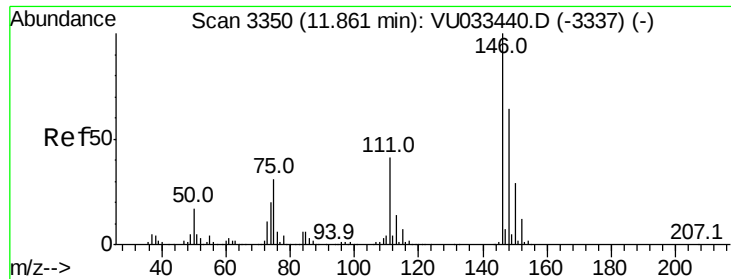
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

77 63.5 47.2 70.8





#65

1,2-Dichlorobenzene

Concen: 1.029 ug/L

RT: 11.86 min Scan# 3351

Delta R.T. 0.00 min

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Acq: 26 Jul 2019 13:15

Instrument :

MSVOA_U

ClientSampleId :

C0CC9

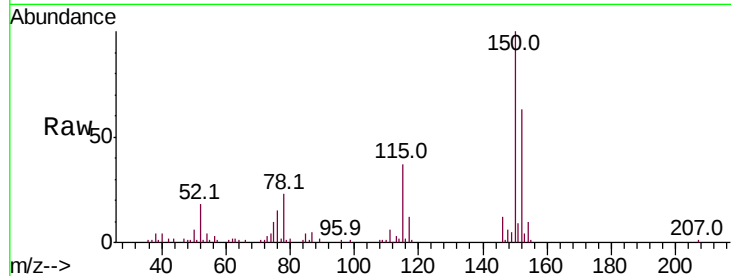
Tot Ion:146 Resp: 3891

Ion Ratio Lower Upper

146 100

111 49.1 34.3 51.5

148 53.9 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

