

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080619\
 Data File : VU033610.D
 Acq On : 06 Aug 2019 15:46
 Operator : JC/SP
 Sample : K4187-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G7

Quant Time: Aug 07 06:03:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 05:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	308085	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137637	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	97013	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.54%
7) Chloroethane-d5	1.67	69	88643	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.78%
11) 1,1-Dichloroethene-d2	2.26	63	130386	34.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.40%
21) 2-Butanone-d5	4.15	46	176144	110.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.43%
24) Chloroform-d	4.62	84	183842	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.29	65	122643	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
32) Benzene-d6	5.32	84	357660	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
36) 1,2-Dichloropropane-d6	6.31	67	120700	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.84%
41) Toluene-d8	7.55	98	301026	43.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.36%
43) trans-1,3-Dichloropropene-	7.83	79	52865	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
47) 2-Hexanone-d5	8.29	63	120852	104.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	191442	52.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	131806	53.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.66%

Target Compounds

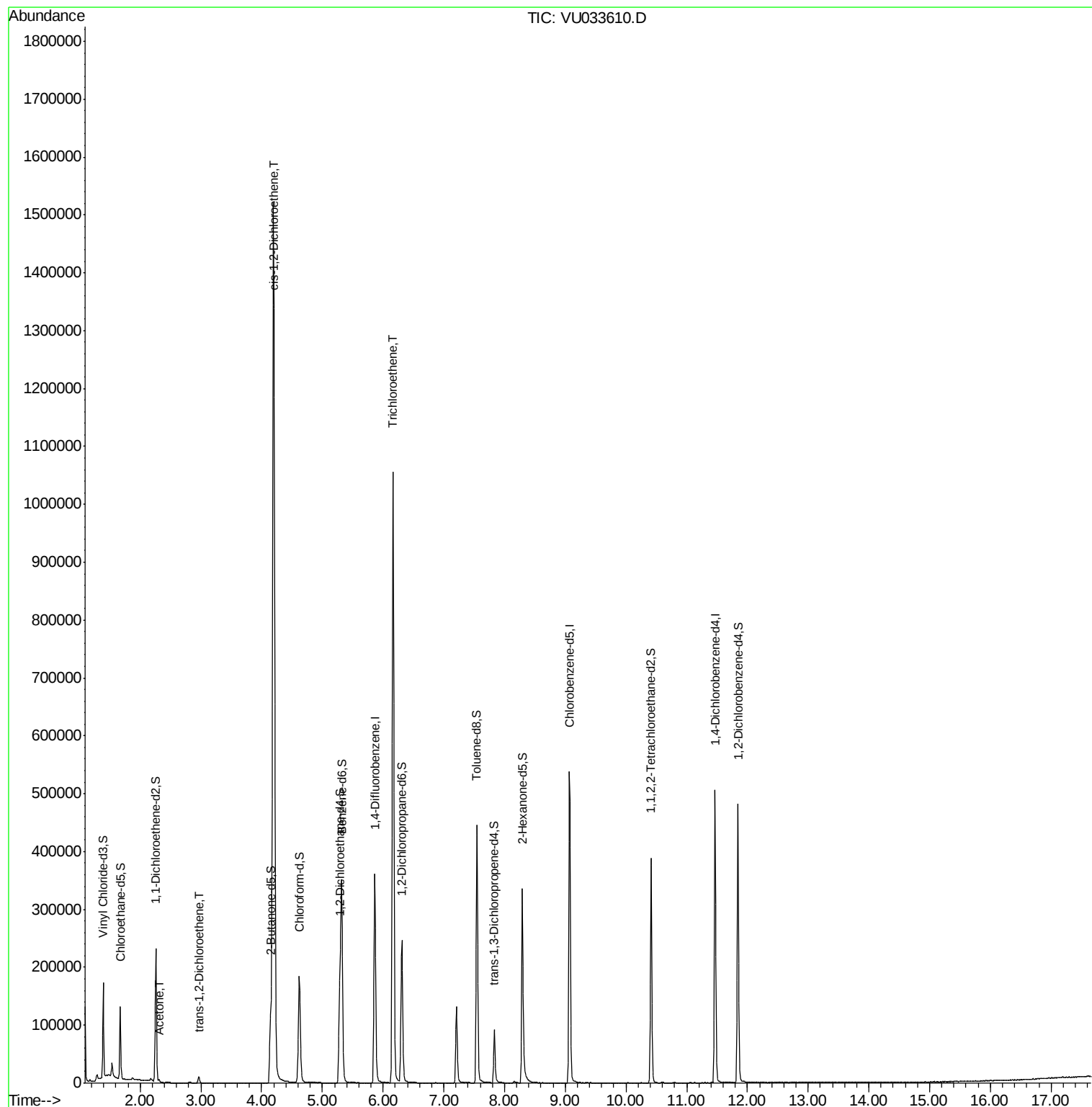
					Ovalue
13) Acetone	2.31	43	3210	2.020 ug/L	92
17) trans-1,2-Dichloroethene	2.96	96	4453	2.074 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	848870	358.498 ug/L	97
34) Trichloroethene	6.16	95	365157	157.259 ug/L	98

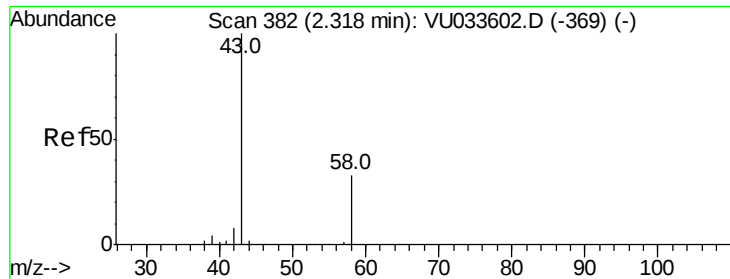
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080619\
Data File : VU033610.D
Acq On : 06 Aug 2019 15:46
Operator : JC/SP
Sample : K4187-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB9G7

Quant Time: Aug 07 06:03:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 07 05:27:42 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.020 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VU033610.D

Acq: 06 Aug 2019 15:46

Instrument :

MSVOA_U

ClientSampleId :

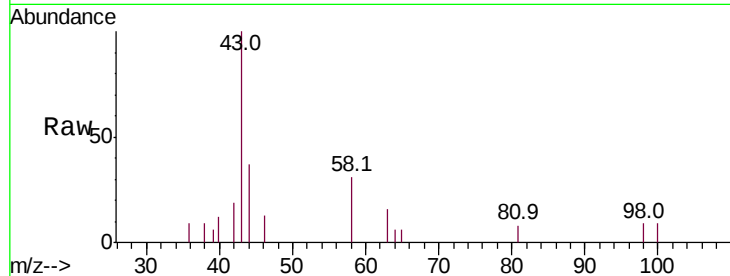
DB9G7

Tot Ion: 43 Resp: 3210

Ion Ratio Lower Upper

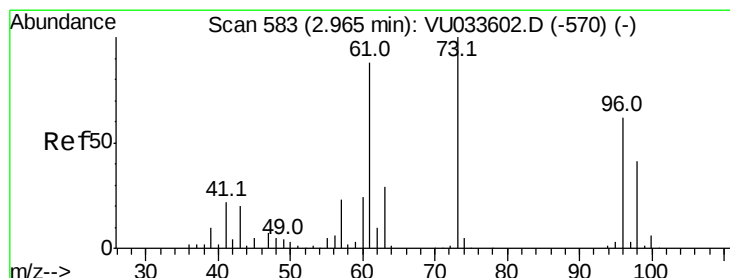
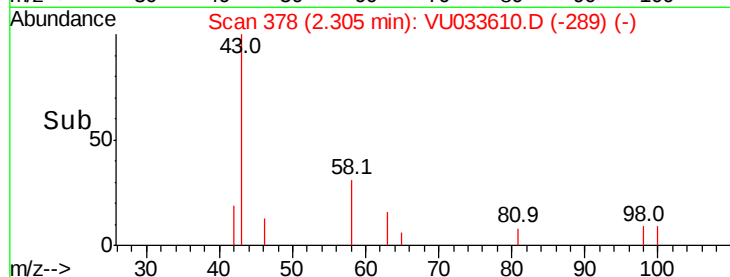
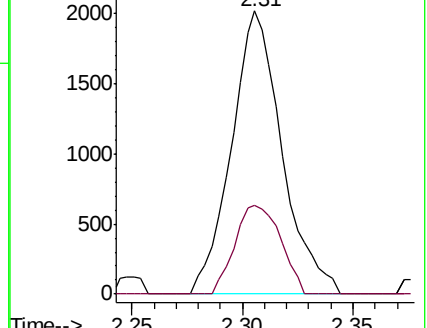
43 100

58 28.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033610.D (-378) (-)

Ion 58.00 (57.70 to 58.70): VU033610.D (-378) (-)



#17

trans-1,2-Dichloroethene

Concen: 2.074 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033610.D

Acq: 06 Aug 2019 15:46

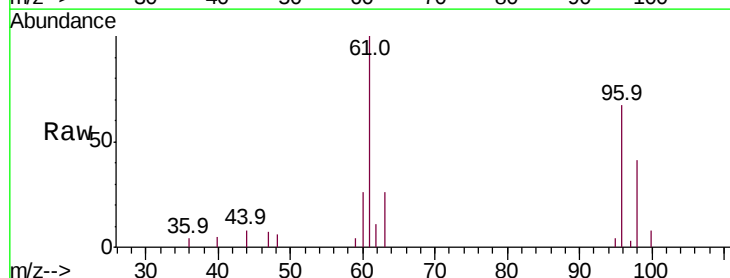
Tgt Ion: 96 Resp: 4453

Ion Ratio Lower Upper

96 100

61 149.7 98.8 183.4

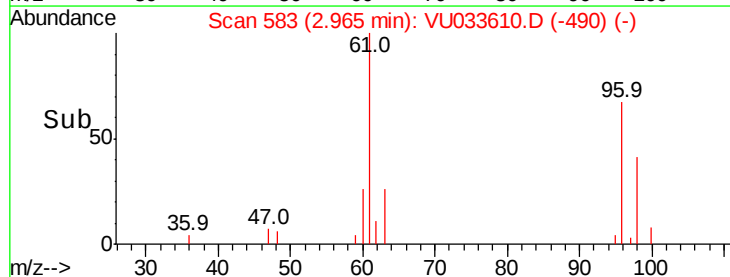
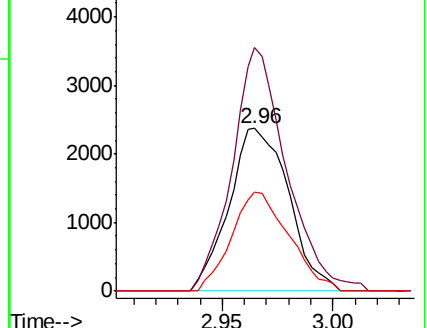
98 61.2 44.9 83.5

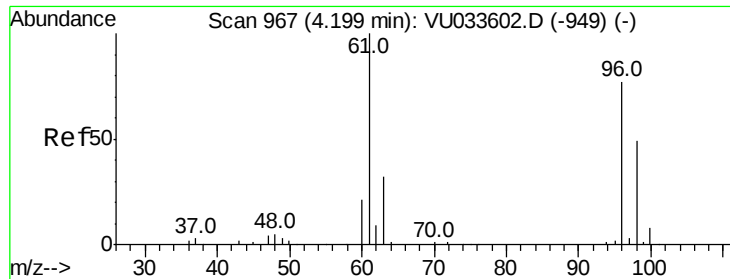


Abundance Ion 96.00 (95.70 to 96.70): VU033610.D (-583) (-)

Ion 61.00 (60.70 to 61.70): VU033610.D (-583) (-)

Ion 98.00 (97.70 to 98.70): VU033610.D (-583) (-)



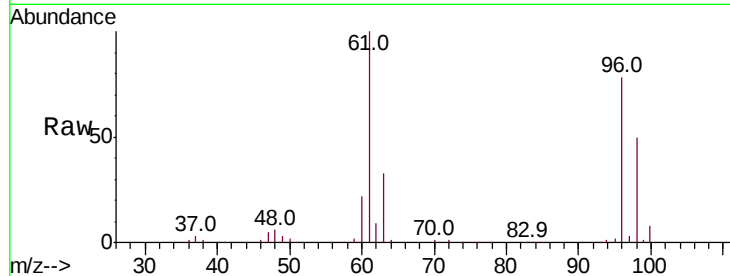


#20

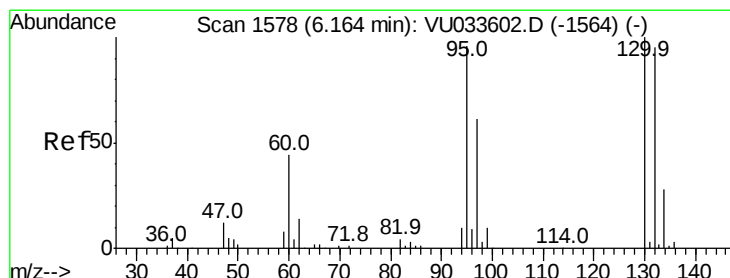
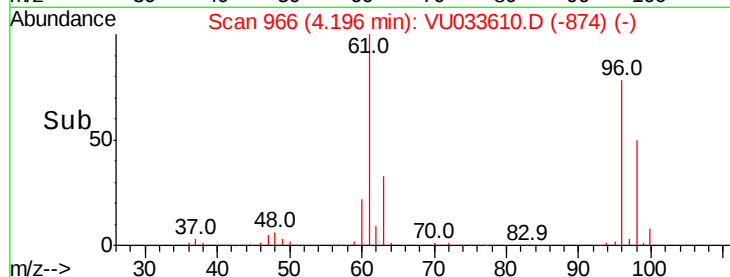
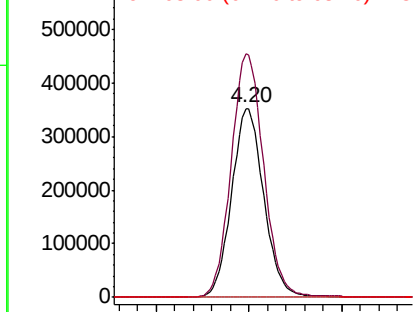
cis-1,2-Dichloroethene
Concen: 358.498 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033610.D
Acq: 06 Aug 2019 15:46

Instrument :
MSVOA_U
ClientSampleId :
DB9G7

Tot Ion: 96 Resp: 848870
Ion Ratio Lower Upper
96 100
61 128.9 88.2 163.8
68 0.0 0.0 0.0



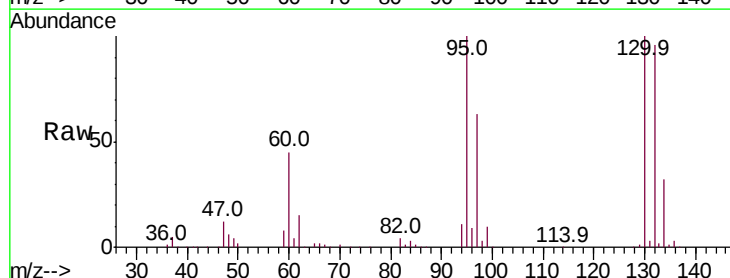
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene
Concen: 157.259 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU033610.D
Acq: 06 Aug 2019 15:46

Tgt Ion: 95 Resp: 365157
Ion Ratio Lower Upper
95 100
97 63.6 43.8 81.4
132 95.8 68.6 127.4
130 100.2 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

