

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\
 Data File : VU033446.D
 Acq On : 26 Jul 2019 12:29
 Operator : JC/SP
 Sample : K3976-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB7

Quant Time: Jul 27 03:47:20 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	247417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	258231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	108607	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	107521	57.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.82%
7) Chloroethane-d5	1.67	69	96541	60.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.68%
11) 1,1-Dichloroethene-d2	2.26	63	167019	49.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.32%
21) 2-Butanone-d5	4.15	46	137694	116.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.03%
24) Chloroform-d	4.62	84	172276	54.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.78%
26) 1,2-Dichloroethane-d4	5.29	65	120061	59.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.28%
32) Benzene-d6	5.32	84	361708	57.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.31	67	116711	57.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.02%
41) Toluene-d8	7.55	98	318707	53.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.70%
43) trans-1,3-Dichloropropene-	7.83	79	51787	52.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.08%
47) 2-Hexanone-d5	8.30	63	96502	105.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.49%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	173254	56.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	119749	61.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.66%#

Target Compounds

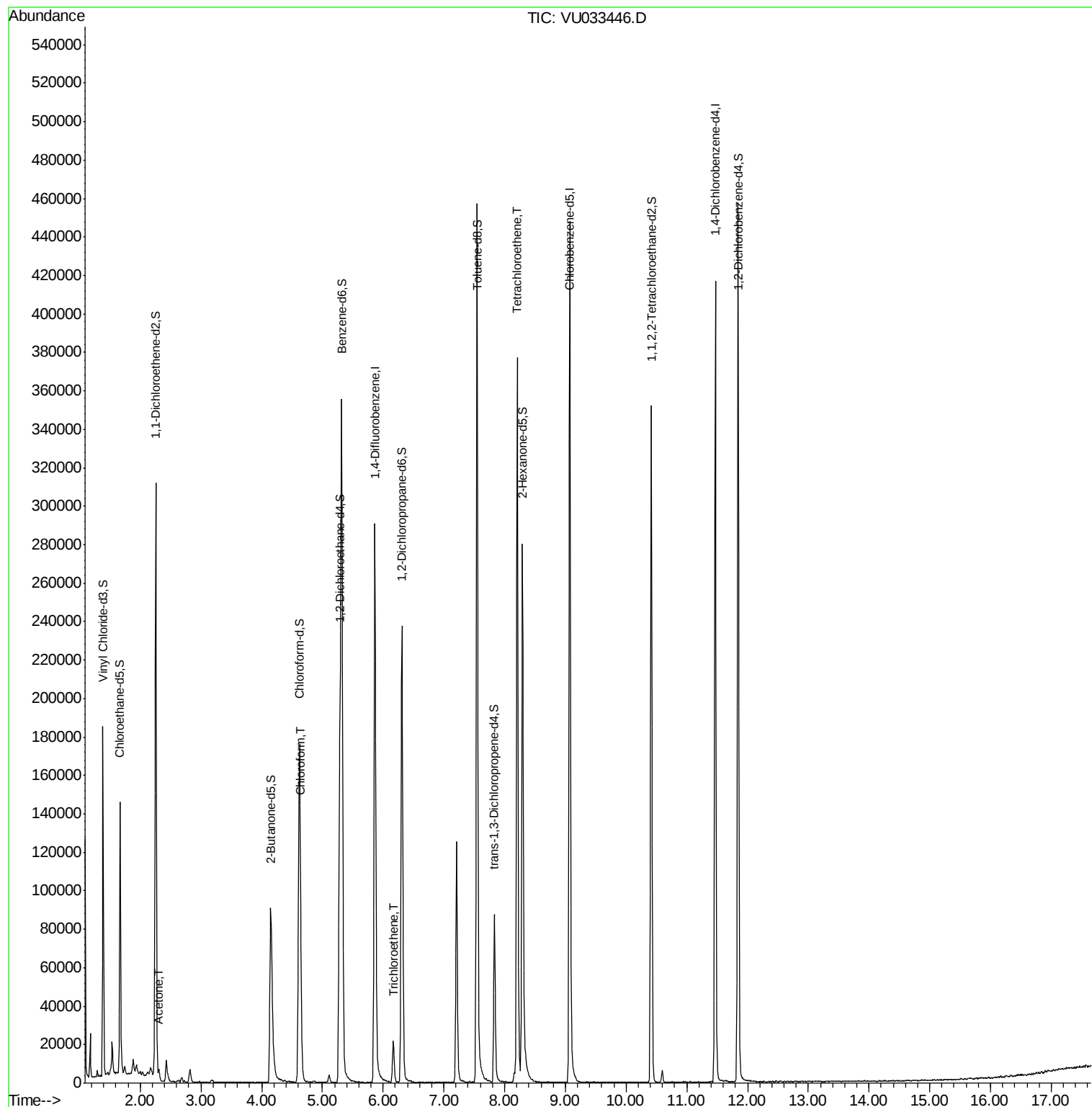
					Ovalue
13) Acetone	2.31	43	4346	2.931 ug/L	97
25) Chloroform	4.65	83	21909	6.279 ug/L	99
34) Trichloroethene	6.17	95	7819	3.970 ug/L	99
46) Tetrachloroethene	8.21	164	83149	54.537 ug/L	98

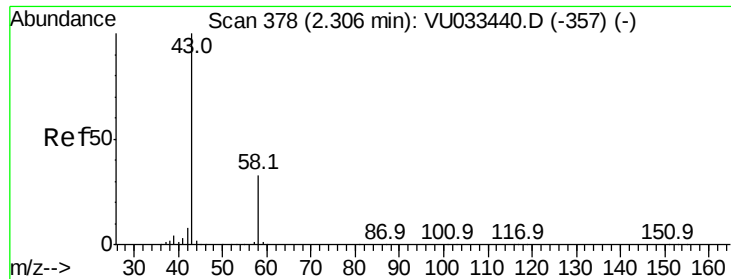
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072619\
Data File : VU033446.D
Acq On : 26 Jul 2019 12:29
Operator : JC/SP
Sample : K3976-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CB7

Quant Time: Jul 27 03:47:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.931 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033446.D

Acq: 26 Jul 2019 12:29

Instrument :

MSVOA_U

ClientSampleId :

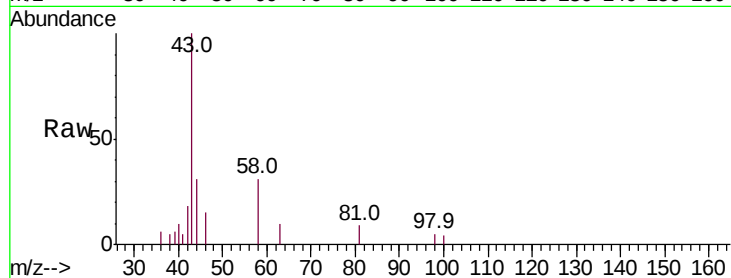
C0CB7

Tot Ion: 43 Resp: 4346

Ion Ratio Lower Upper

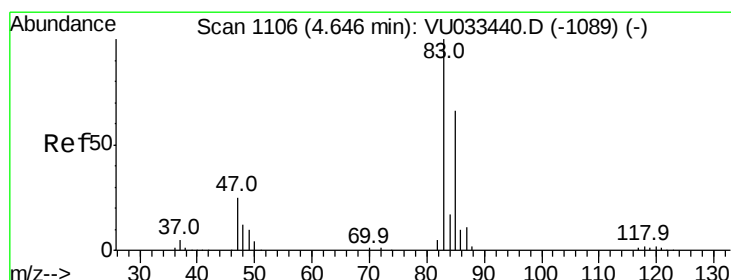
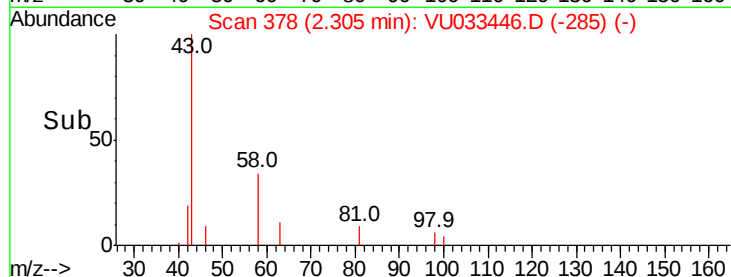
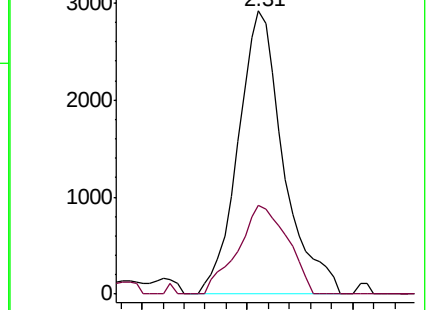
43 100

58 34.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033440.D (-357) (-)

Ion 58.00 (57.70 to 58.70): VU033440.D (-357) (-)



#25

Chloroform

Concen: 6.279 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033446.D

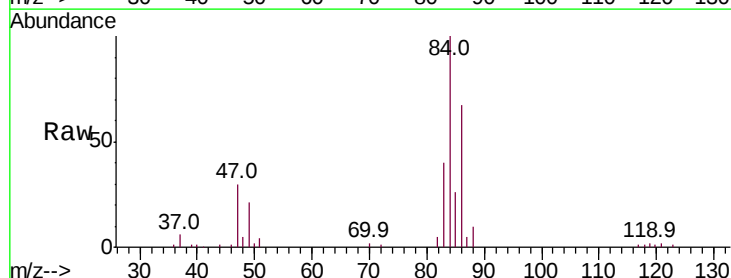
Acq: 26 Jul 2019 12:29

Tgt Ion: 83 Resp: 21909

Ion Ratio Lower Upper

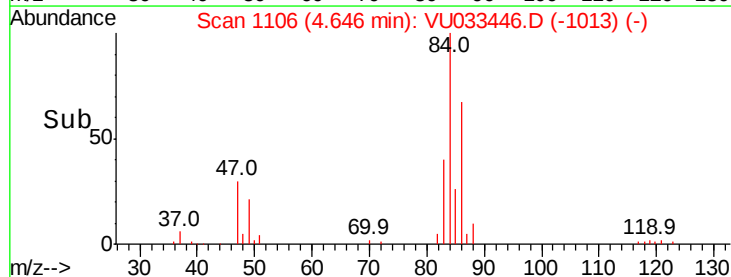
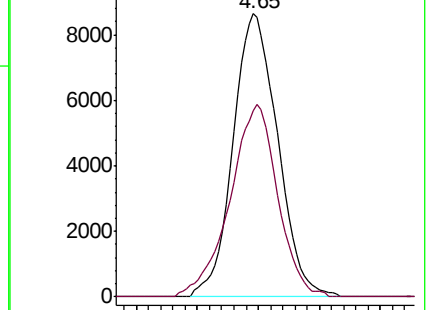
83 100

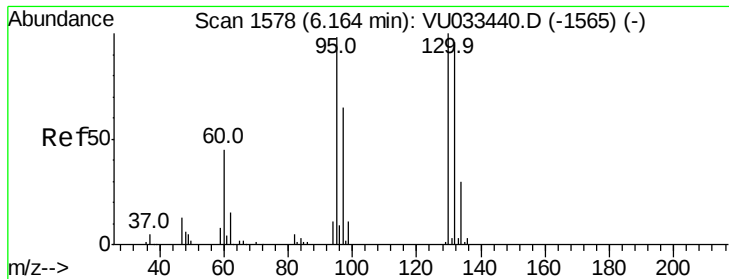
85 65.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU033440.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU033440.D (-1089) (-)





#34

Trichloroethene

Concen: 3.970 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033446.D

Acq: 26 Jul 2019 12:29

Instrument :

MSVOA_U

ClientSampled :

C0CB7

Tot Ion: 95 Resp: 7819

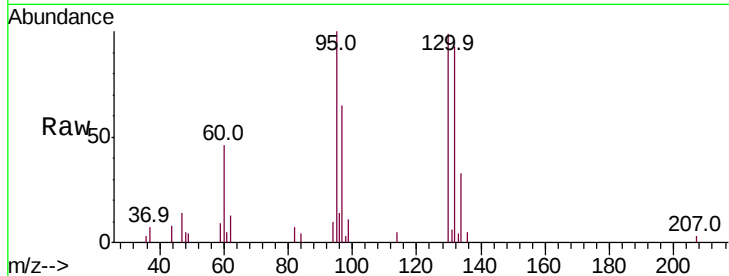
Ion Ratio Lower Upper

95 100

97 64.9 43.8 81.4

132 92.8 65.5 121.6

130 98.8 69.7 129.5



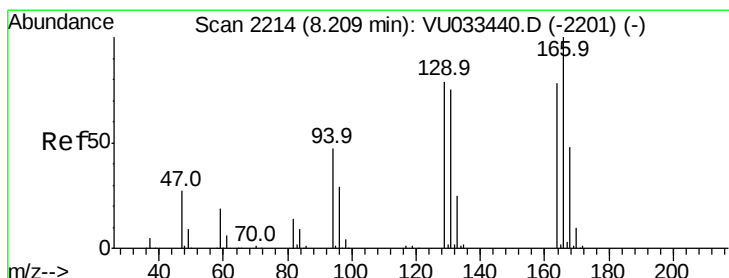
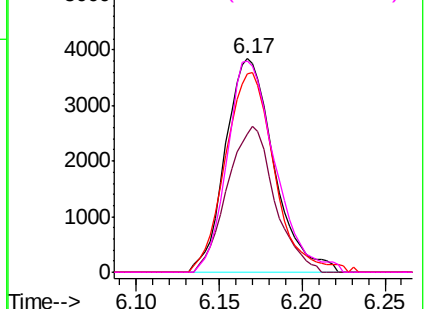
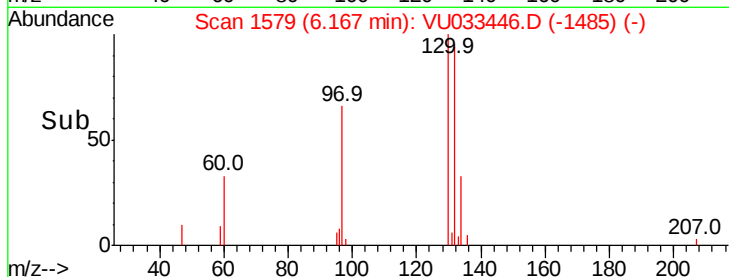
Abundance

Ion 95.00 (94.70 to 95.70): VU033440.D (-1565) (-)

Ion 97.00 (96.70 to 97.70): VU033440.D (-1565) (-)

Ion 132.00 (131.70 to 132.70): VU033440.D (-1565) (-)

Ion 130.00 (129.70 to 130.70): VU033440.D (-1565) (-)



#46

Tetrachloroethene

Concen: 54.537 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033446.D

Acq: 26 Jul 2019 12:29

Tgt Ion: 164 Resp: 83149

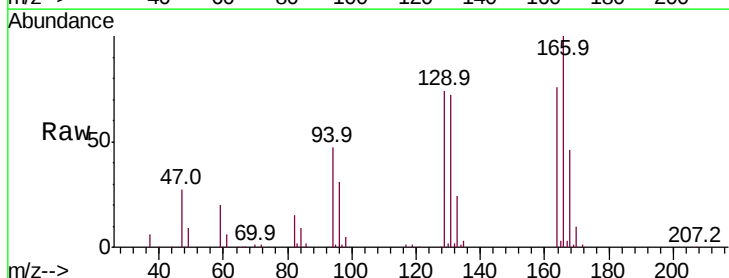
Ion Ratio Lower Upper

164 100

129 97.5 69.6 129.2

131 94.4 65.7 122.1

166 131.5 88.5 164.4



Abundance

Ion 164.00 (163.70 to 164.70): VU033440.D (-2201) (-)

Ion 129.00 (128.70 to 129.70): VU033440.D (-2201) (-)

Ion 131.00 (130.70 to 131.70): VU033440.D (-2201) (-)

Ion 166.00 (165.70 to 166.70): VU033440.D (-2201) (-)

