

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082319\
 Data File : VU033938.D
 Acq On : 23 Aug 2019 13:30
 Operator : JC/SP
 Sample : K4454-03DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B86DL

Quant Time: Aug 26 07:18:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 26 06:54:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	504230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	523526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	208998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	185517	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.90%
7) Chloroethane-d5	1.67	69	165201	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.25	63	279556	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	4.15	46	291537	97.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	4.62	84	339307	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.28	65	247272	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
32) Benzene-d6	5.31	84	717647	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
36) 1,2-Dichloropropane-d6	6.31	67	244152	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.55	98	609410	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	7.83	79	103467	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.92%
47) 2-Hexanone-d5	8.29	63	184456	91.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	334399	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	11.84	152	221926	52.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.08%

Target Compounds

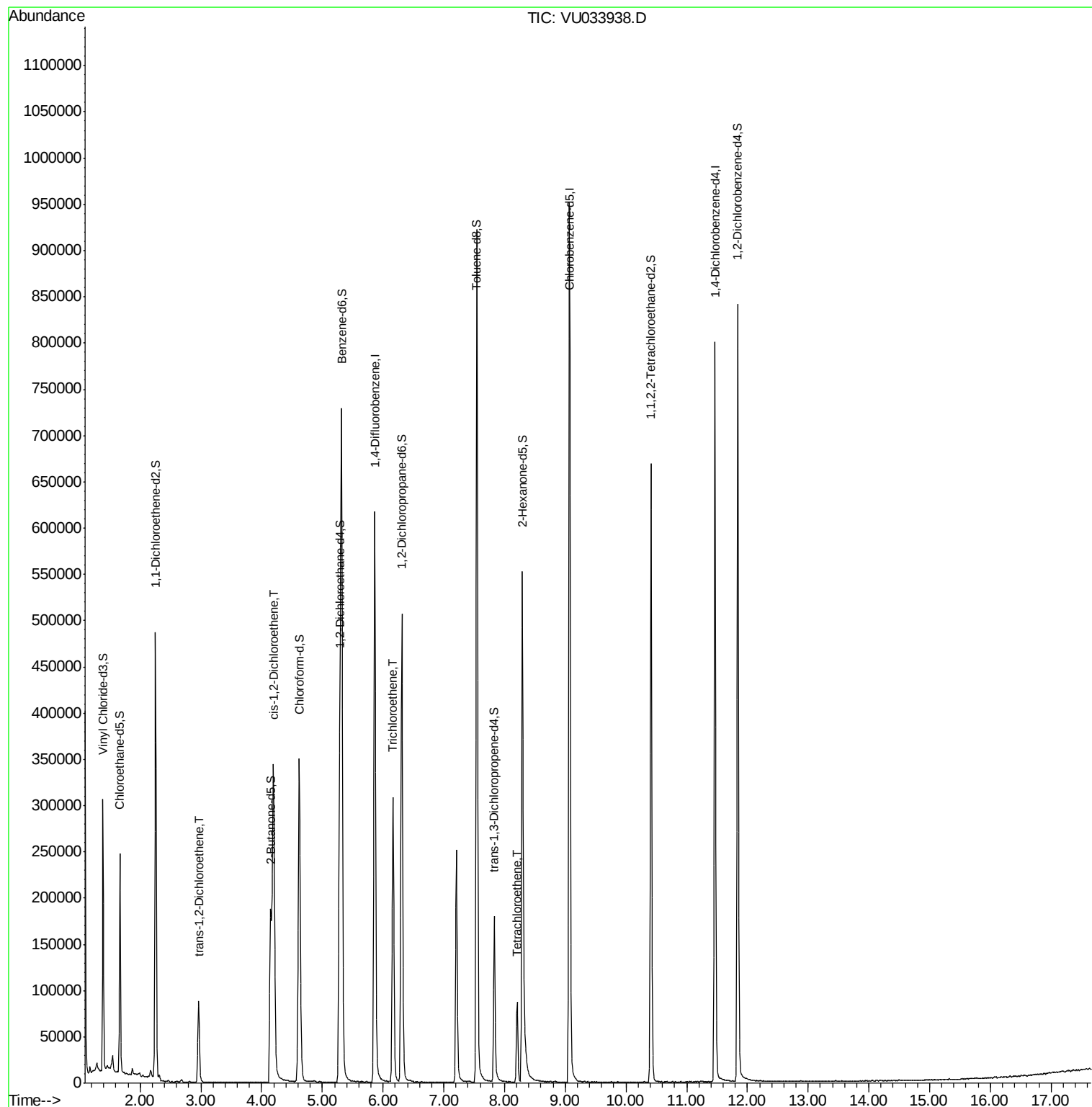
					Ovalue
17) trans-1,2-Dichloroethene	2.96	96	34573	9.465 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	177934	44.255 ug/L	99
34) Trichloroethene	6.16	95	105228	25.618 ug/L	99
46) Tetrachloroethene	8.21	164	19736	6.183 ug/L	99

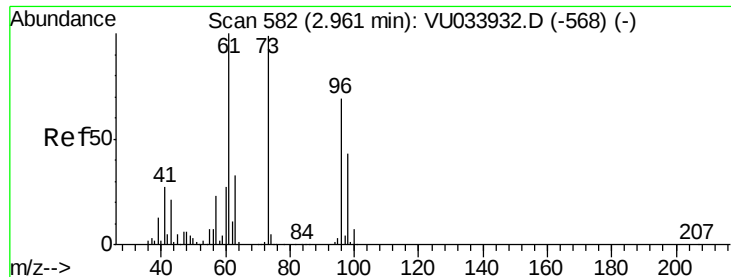
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 9.465 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

F2B86DL

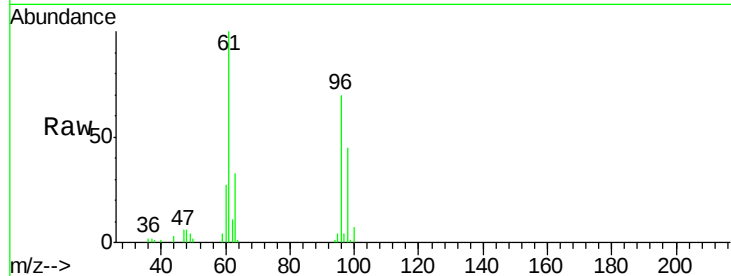
Tot Ion: 96 Resp: 34573

Ion Ratio Lower Upper

96 100

61 143.0 101.2 187.8

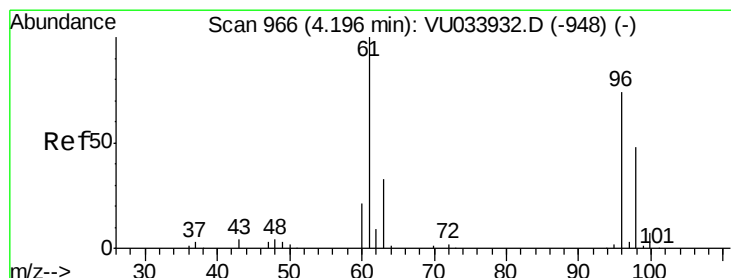
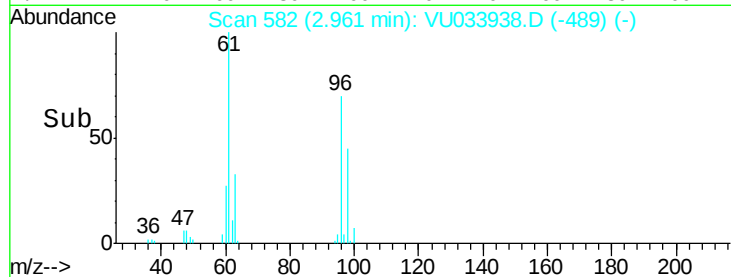
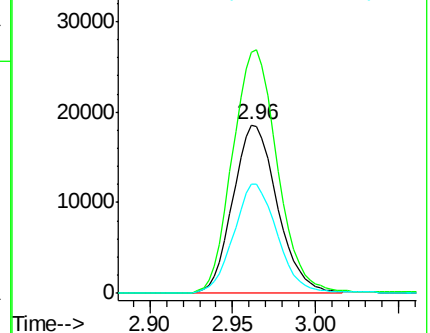
98 65.0 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU033938.D (-568) (-)

Ion 61.00 (60.70 to 61.70): VU033938.D (-568) (-)

Ion 98.00 (97.70 to 98.70): VU033938.D (-568) (-)



#20

cis-1,2-Dichloroethene

Concen: 44.255 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

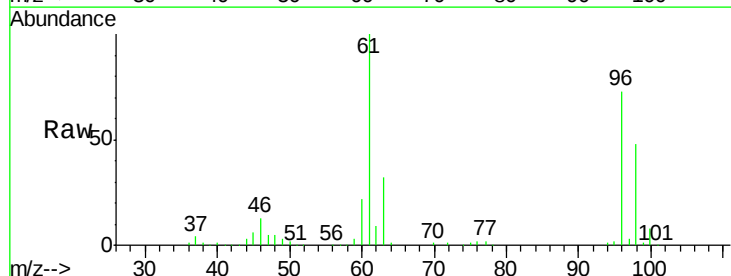
Tgt Ion: 96 Resp: 177934

Ion Ratio Lower Upper

96 100

61 137.8 95.5 177.4

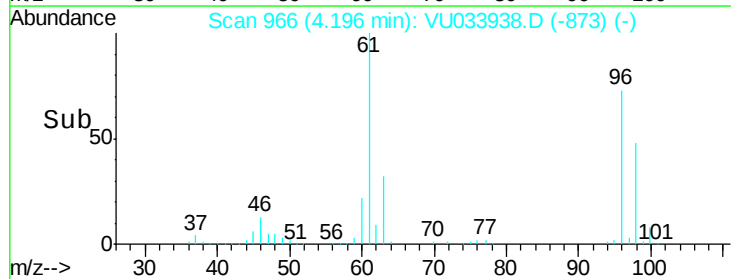
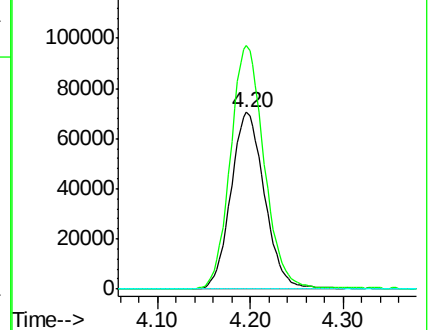
68 0.0 0.0 0.0

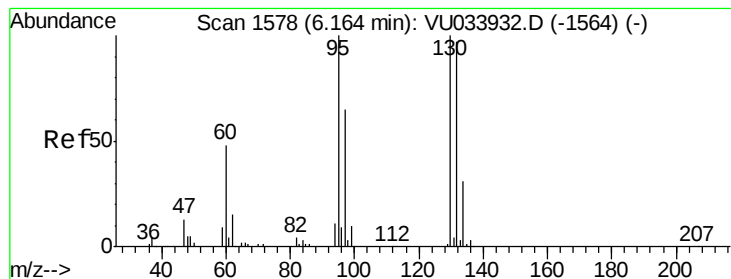


Abundance Ion 96.00 (95.70 to 96.70): VU033938.D (-948) (-)

Ion 61.00 (60.70 to 61.70): VU033938.D (-948) (-)

Ion 68.00 (67.70 to 68.70): VU033938.D (-948) (-)





#34

Trichloroethene

Concen: 25.618 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

F2B86DL

Tot Ion: 95 Resp: 105228

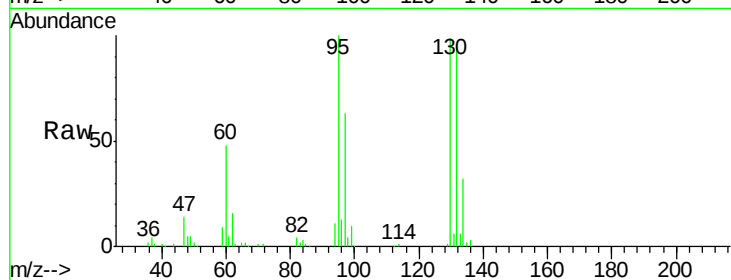
Ion Ratio Lower Upper

95 100

97 62.9 44.7 82.9

132 94.7 65.7 122.1

130 99.5 70.0 130.0

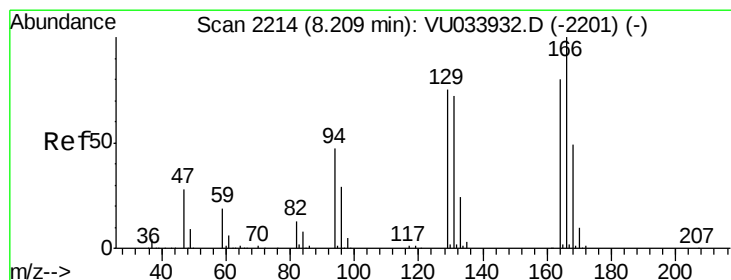
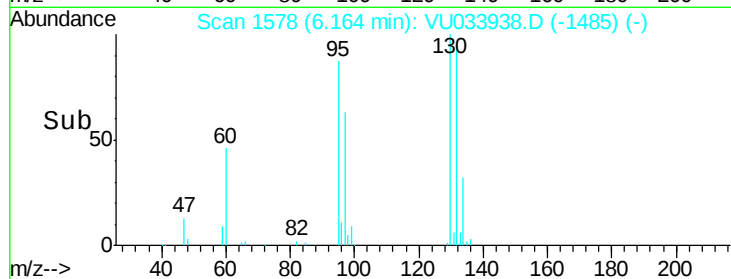
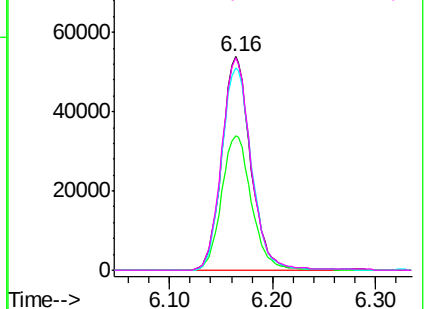


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 6.183 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

Tgt Ion: 164 Resp: 19736

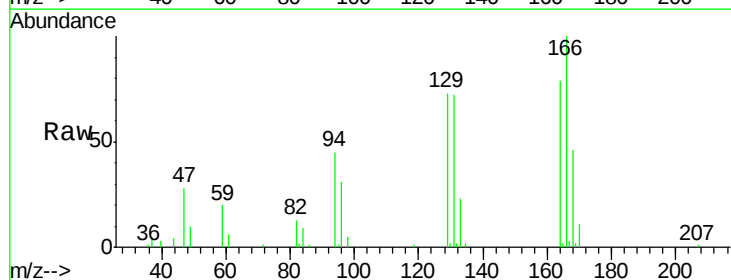
Ion Ratio Lower Upper

164 100

129 91.3 63.9 118.7

131 90.5 62.5 116.1

166 125.9 87.3 162.1



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

