

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\
 Data File : VU033750.D
 Acq On : 11 Aug 2019 14:25
 Operator : JC/SP
 Sample : K4202-19RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B49RE

Quant Time: Aug 12 05:46:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 04:45:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	277457	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	125663	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39475	19.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.66%#
7) Chloroethane-d5	1.67	69	44755	21.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.72%#
11) 1,1-Dichloroethene-d2	2.26	63	58865	17.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	34.28%#
21) 2-Butanone-d5	4.14	46	164590	129.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.99%
24) Chloroform-d	4.62	84	127300	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
26) 1,2-Dichloroethane-d4	5.29	65	84234	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
32) Benzene-d6	5.32	84	197963	30.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.36%#
36) 1,2-Dichloropropane-d6	6.31	67	82776	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.24%
41) Toluene-d8	7.55	98	151793	24.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	49.20%#
43) trans-1,3-Dichloropropene-	7.83	79	32568	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
47) 2-Hexanone-d5	8.29	63	109063	104.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.59%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	164717	55.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	92014	43.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.02%

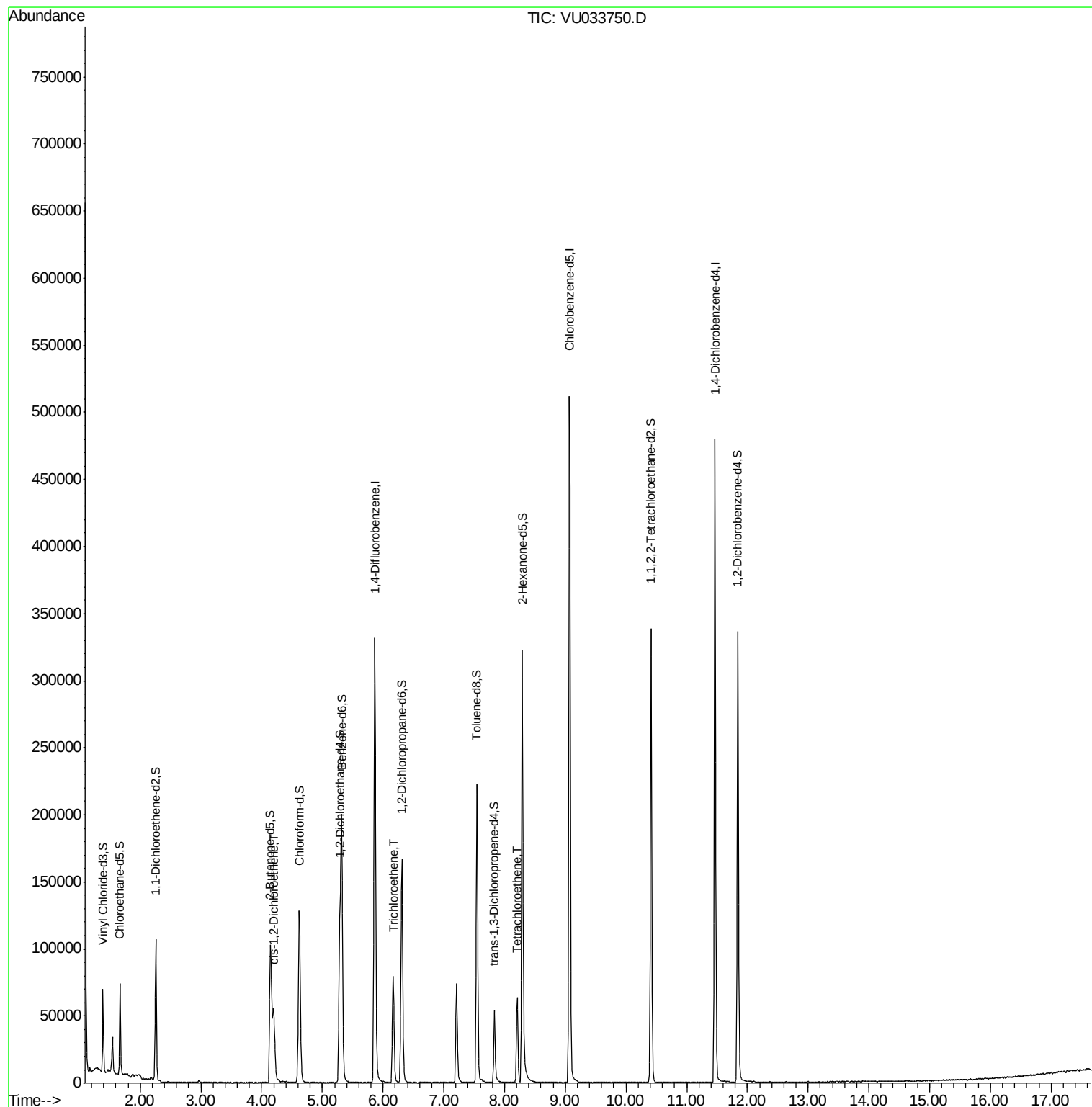
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.20	96	26386	13.229 ug/L	87
34) Trichloroethene	6.17	95	27631	13.537 ug/L	98
46) Tetrachloroethene	8.21	164	14380	8.546 ug/L	94

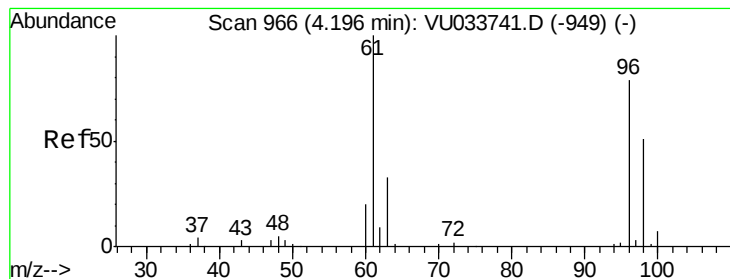
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU081119\
Data File : VU033750.D
Acq On : 11 Aug 2019 14:25
Operator : JC/SP
Sample : K4202-19RE
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B49RE

Quant Time: Aug 12 05:46:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 04:45:27 2019
Response via : Initial Calibration



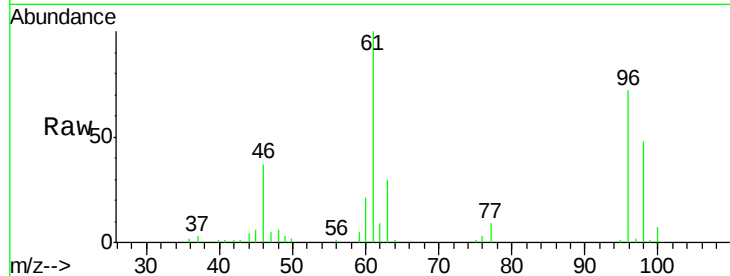


#20

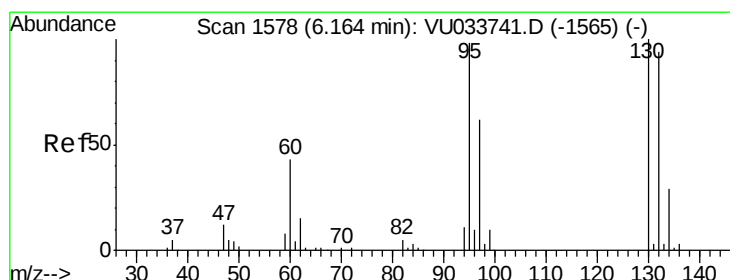
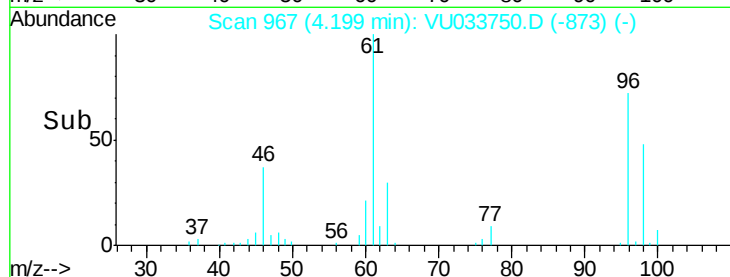
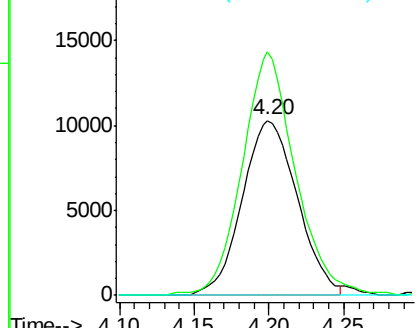
cis-1,2-Dichloroethene
Concen: 13.229 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033750.D
Acq: 11 Aug 2019 14:25

Instrument :
MSVOA_U
ClientSampleId :
F2B49RE

Tot Ion: 96 Resp: 26386
Ion Ratio Lower Upper
96 100
61 139.3 87.0 161.6
68 0.0 0.0 0.0



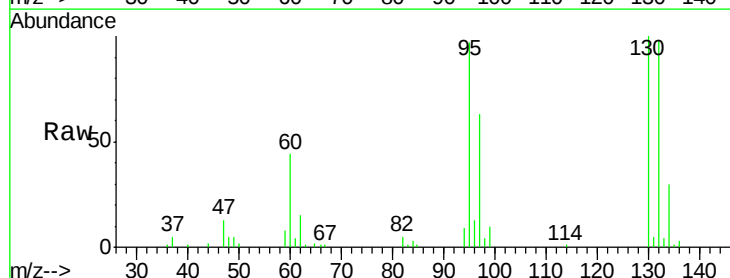
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



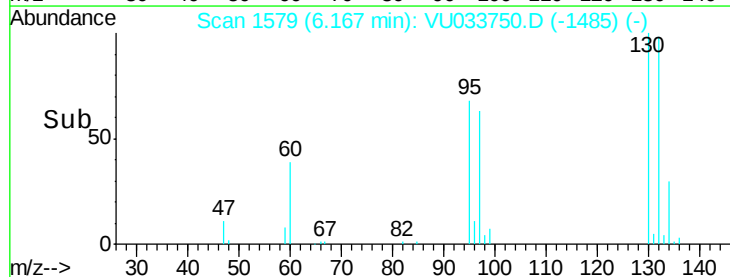
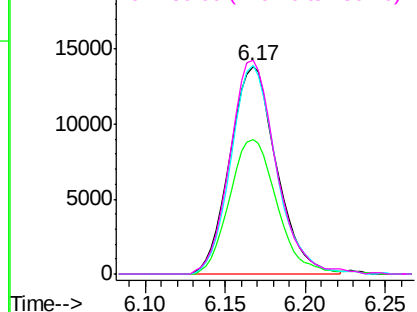
#34

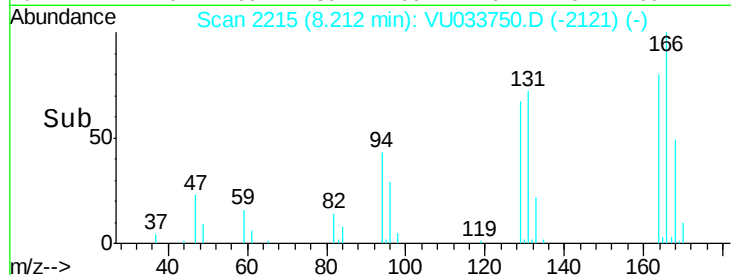
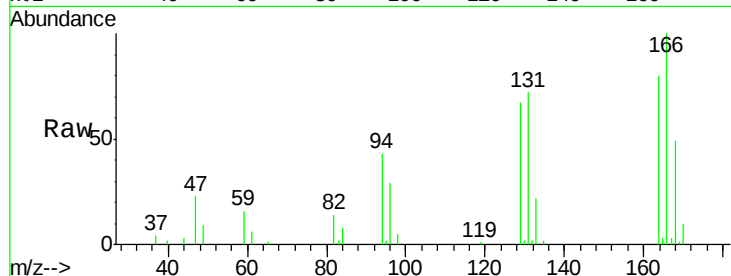
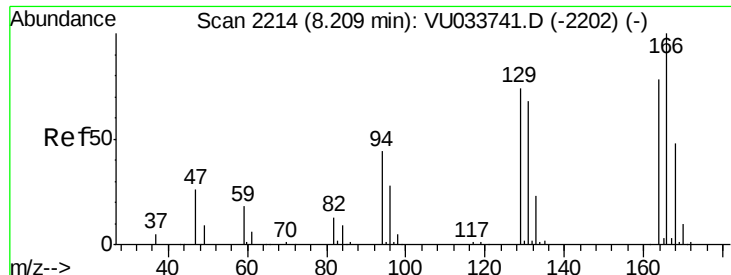
Trichloroethene
Concen: 13.537 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033750.D
Acq: 11 Aug 2019 14:25

Tgt Ion: 95 Resp: 27631
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 100.3 72.0 133.8
130 102.8 74.3 138.1



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: 8.546 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VU033750.D

Acq: 11 Aug 2019 14:25

Instrument :

MSVOA_U

ClientSampleId :

F2B49RE

Tot Ion:164 Resp: 14380

Ion Ratio Lower Upper

164 100

129 83.8 65.5 121.7

131 89.7 63.6 118.0

166 124.3 92.7 172.3

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

