

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032983.D
 Acq On : 22 Jun 2019 06:58
 Operator : JC/SP
 Sample : K3464-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF61

Quant Time: Jun 24 02:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 24 02:01:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	192538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49549	37.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.06%
7) Chloroethane-d5	1.68	69	45078	42.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.48%
11) 1,1-Dichloroethene-d2	2.27	63	82379	30.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.12%
21) 2-Butanone-d5	4.17	46	121402	108.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.99%
24) Chloroform-d	4.64	84	121760	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.30	65	88400	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
32) Benzene-d6	5.33	84	227923	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
36) 1,2-Dichloropropane-d6	6.32	67	77051	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.38%
41) Toluene-d8	7.56	98	205558	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%
43) trans-1,3-Dichloropropene-	7.85	79	34072	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.94%
47) 2-Hexanone-d5	8.31	63	70618	94.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.59%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116985	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	86665	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

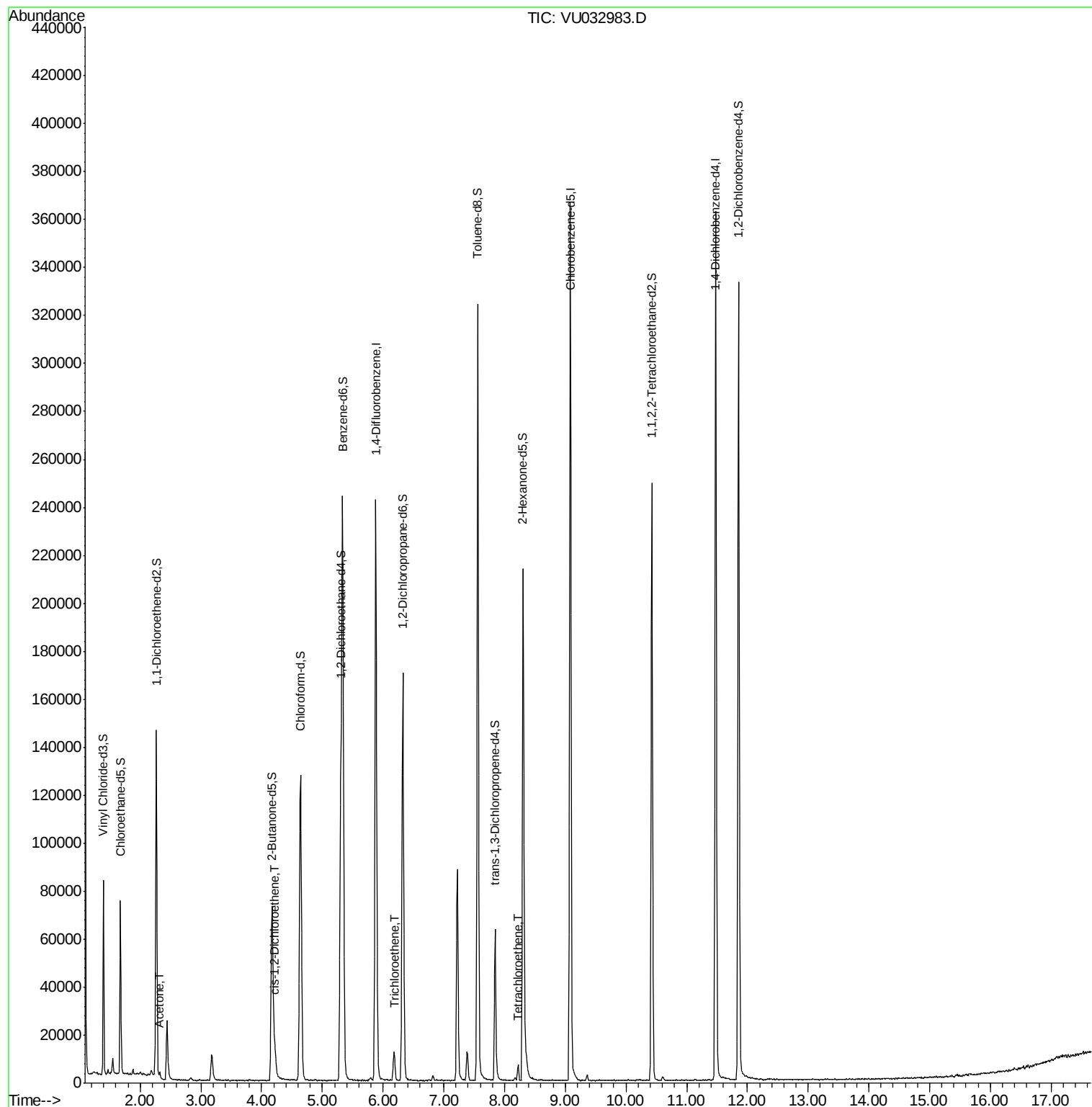
					Ovalue
13) Acetone	2.32	43	1796	1.167 ug/L	85
20) cis-1,2-Dichloroethene	4.22	96	3185	2.186 ug/L	95
34) Trichloroethene	6.18	95	3754	2.533 ug/L	94
46) Tetrachloroethene	8.22	164	1527	1.257 ug/L	89

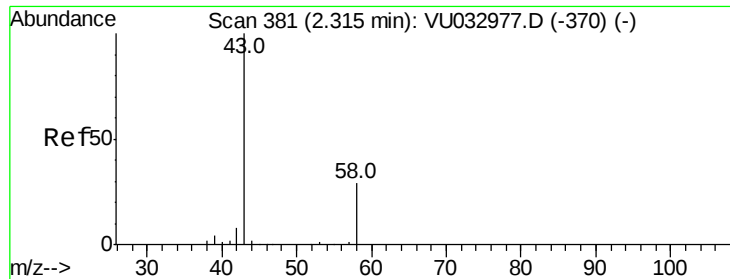
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.167 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032983.D

Acq: 22 Jun 2019 06:58

Instrument :

MSVOA_U

ClientSampled :

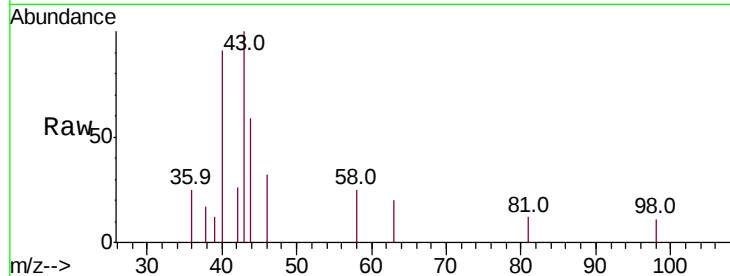
ETF61

Tot Ion: 43 Resp: 1796

Ion Ratio Lower Upper

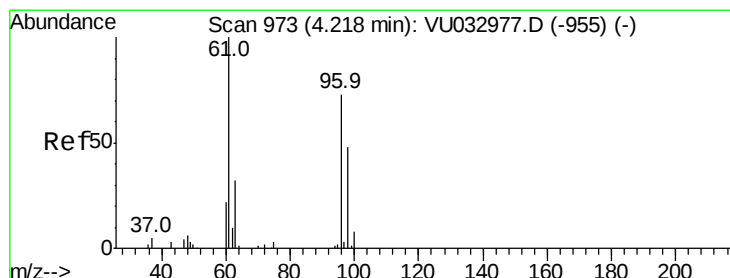
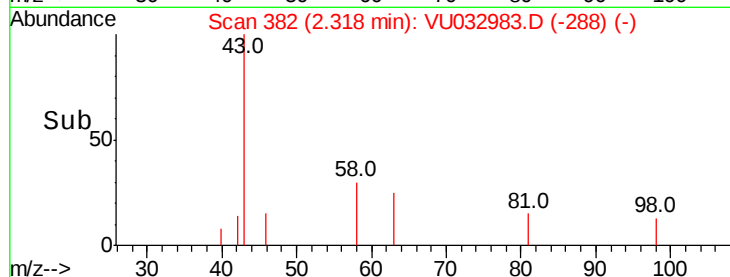
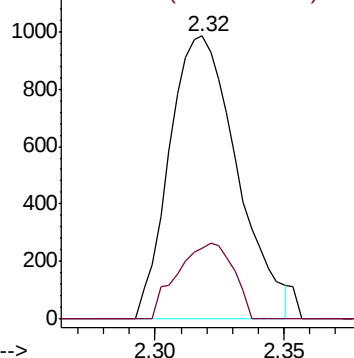
43 100

58 22.2 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 2.186 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032983.D

Acq: 22 Jun 2019 06:58

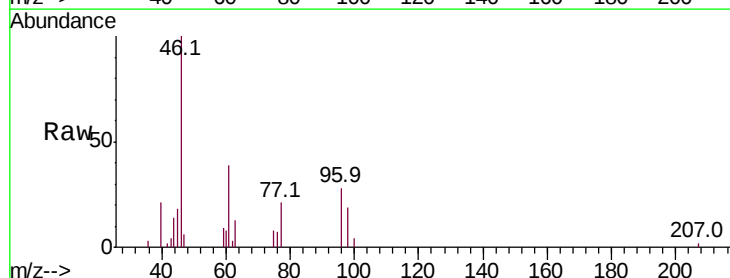
Tgt Ion: 96 Resp: 3185

Ion Ratio Lower Upper

96 100

61 137.4 92.4 171.6

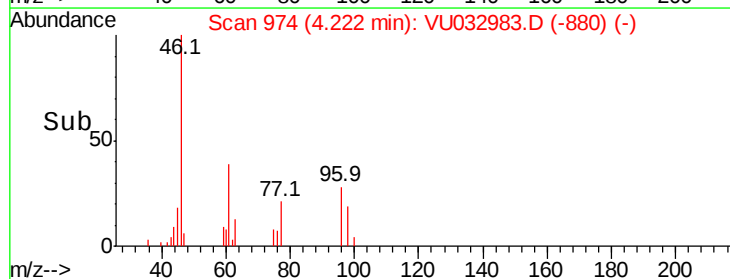
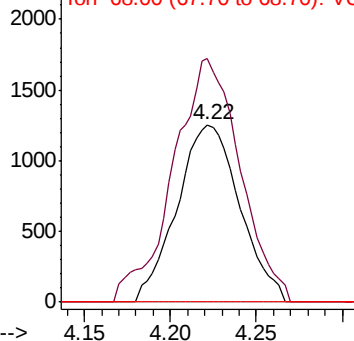
68 0.0 0.0 0.0

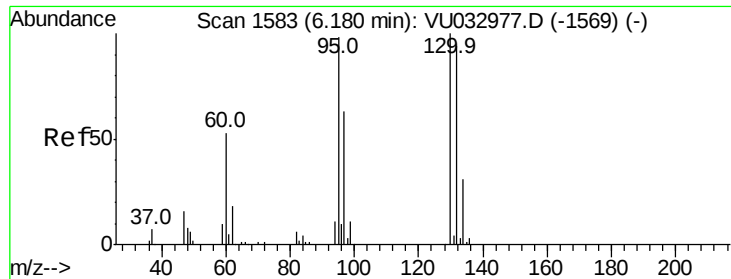


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 2.533 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032983.D

Acq: 22 Jun 2019 06:58

Instrument :

MSVOA_U

ClientSampled :

ETF61

Tot Ion: 95 Resp: 3754

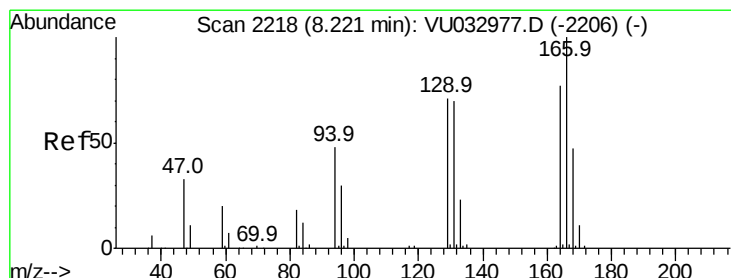
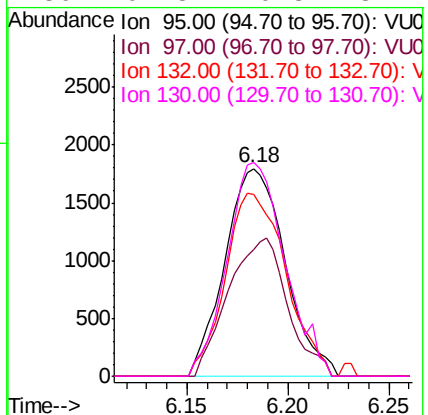
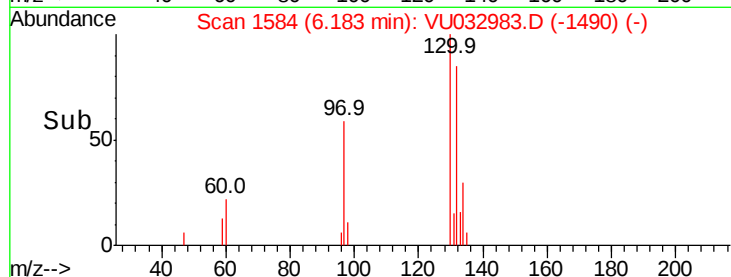
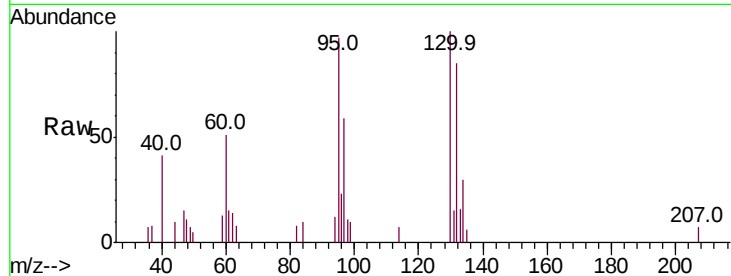
Ion Ratio Lower Upper

95 100

97 60.7 45.9 85.3

132 87.8 68.5 127.3

130 102.8 70.8 131.4



#46

Tetrachloroethene

Concen: 1.257 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032983.D

Acq: 22 Jun 2019 06:58

Tgt Ion: 164 Resp: 1527

Ion Ratio Lower Upper

164 100

129 116.0 64.8 120.3

131 92.6 64.5 119.7

166 139.6 91.3 169.6

