

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032956.D
 Acq On : 21 Jun 2019 19:52
 Operator : JC/SP
 Sample : K3463-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF16

Quant Time: Jun 22 02:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 01:56:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192153	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88373	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47116	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.76%
7) Chloroethane-d5	1.68	69	42468	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.10%
11) 1,1-Dichloroethene-d2	2.27	63	75161	28.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.82%#
21) 2-Butanone-d5	4.17	46	119597	109.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.42%
24) Chloroform-d	4.64	84	113869	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.30	65	81140	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
32) Benzene-d6	5.33	84	210421	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
36) 1,2-Dichloropropane-d6	6.32	67	72085	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.32%
41) Toluene-d8	7.56	98	184085	40.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.85	79	33313	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
47) 2-Hexanone-d5	8.31	63	70233	96.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114264	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	78902	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%

Target Compounds

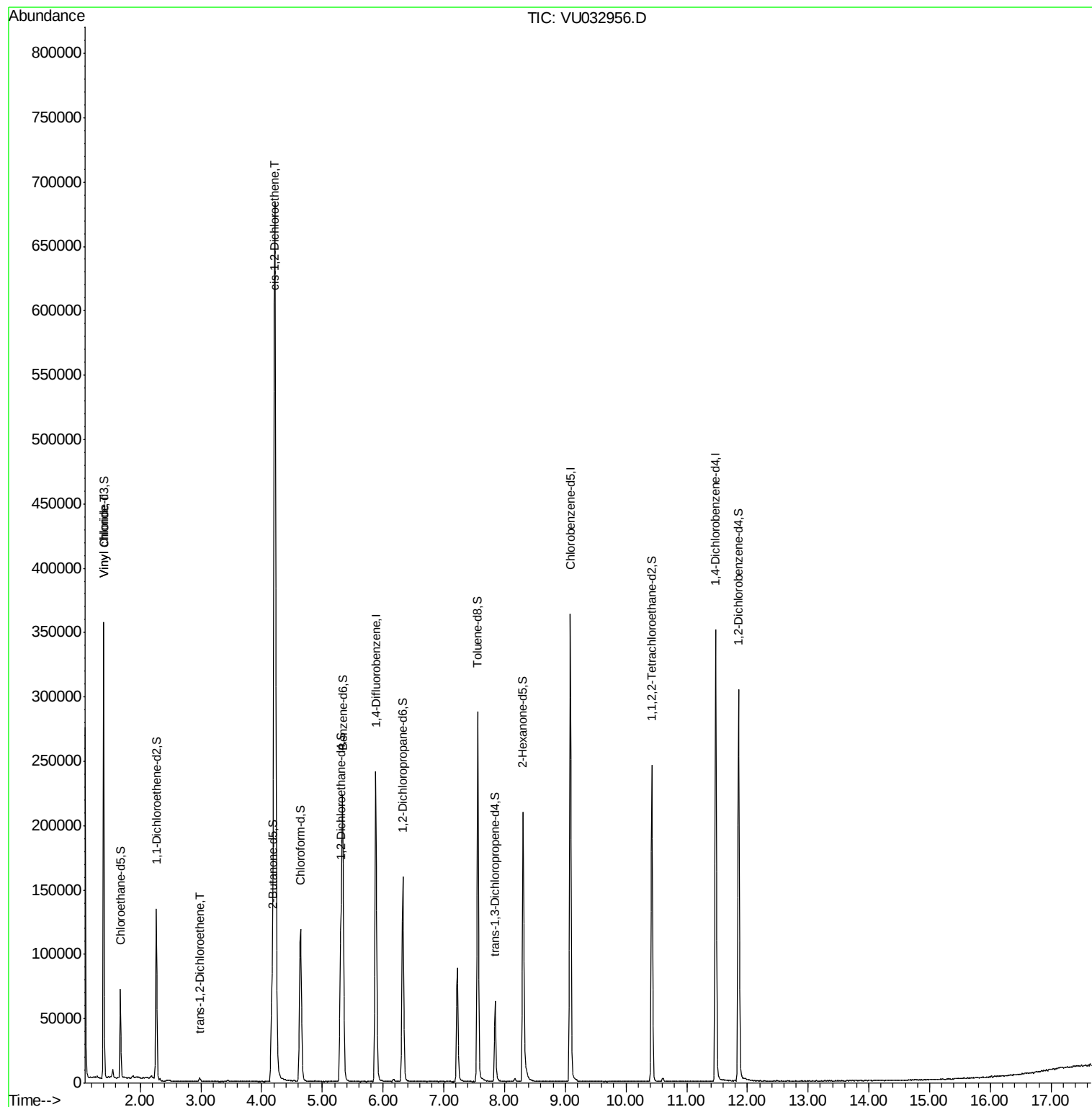
					Ovalue
5) Vinyl chloride	1.40	62	172695	98.971 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	1080	0.823 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	364525	255.003 ug/L	97

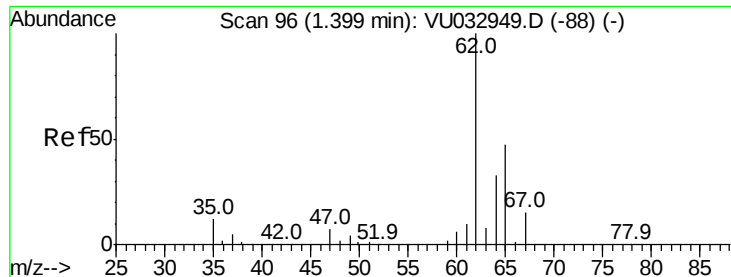
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032956.D
Acq On : 21 Jun 2019 19:52
Operator : JC/SP
Sample : K3463-16
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF16

Quant Time: Jun 22 02:24:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 98.971 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032956.D

Acq: 21 Jun 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

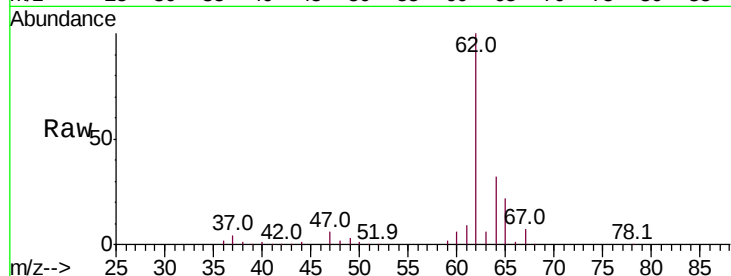
ETF16

Tot Ion: 62 Resp: 172695

Ion Ratio Lower Upper

62 100

64 31.9 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU032949.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032949.D (-88) (-)

1.40

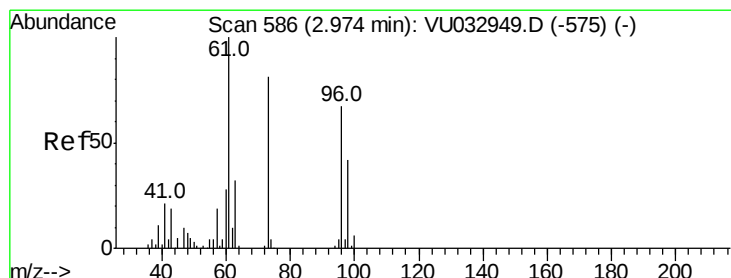
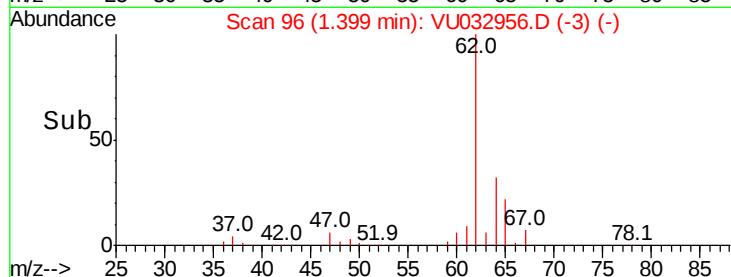
150000

100000

50000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 0.823 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU032956.D

Acq: 21 Jun 2019 19:52

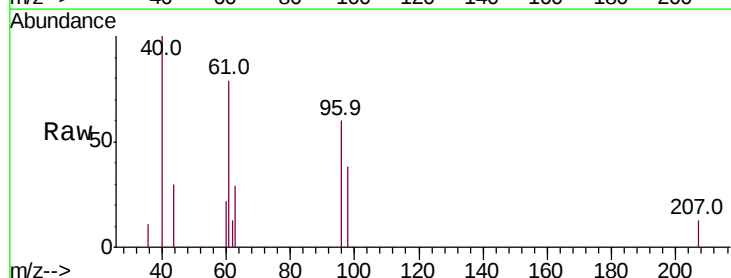
Tgt Ion: 96 Resp: 1080

Ion Ratio Lower Upper

96 100

61 131.7 100.9 187.5

98 64.0 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU032949.D (-575) (-)

Ion 61.00 (60.70 to 61.70): VU032949.D (-575) (-)

Ion 98.00 (97.70 to 98.70): VU032949.D (-575) (-)

1200

1000

800

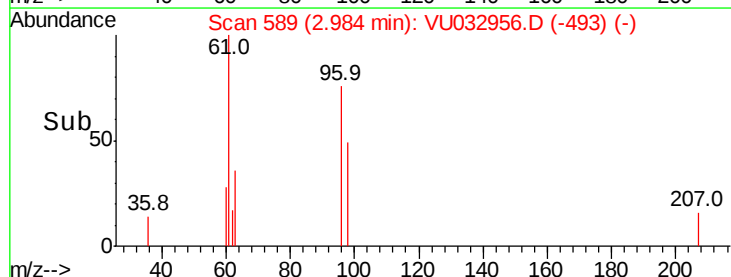
600

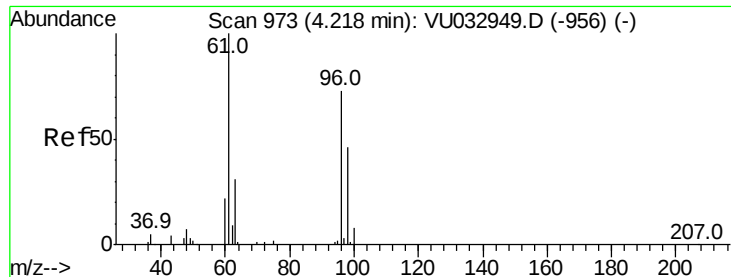
400

200

0

Time-->





#20
 cis-1,2-Dichloroethene
 Concen: 255.003 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032956.D
 Acq: 21 Jun 2019 19:52

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF16

Tot Ion: 96 Resp: 364525
 Ion Ratio Lower Upper
 96 100
 61 135.9 92.4 171.6
 68 0.0 0.0 0.0

