

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033028.D
 Acq On : 25 Jun 2019 00:03
 Operator : JC/SP
 Sample : K3478-09DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF23DL

Quant Time: Jun 25 07:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191733	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	185643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89456	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61637	47.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.08%
7) Chloroethane-d5	1.67	69	52963	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.36%
11) 1,1-Dichloroethene-d2	2.26	63	97513	36.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.88%
21) 2-Butanone-d5	4.17	46	121591	111.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.49%
24) Chloroform-d	4.64	84	130139	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
26) 1,2-Dichloroethane-d4	5.30	65	91699	54.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.08%
32) Benzene-d6	5.33	84	255567	52.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.62%
36) 1,2-Dichloropropane-d6	6.32	67	82067	53.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.46%
41) Toluene-d8	7.56	98	225675	49.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.85	79	38625	48.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.34%
47) 2-Hexanone-d5	8.31	63	70792	98.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118520	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	89679	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

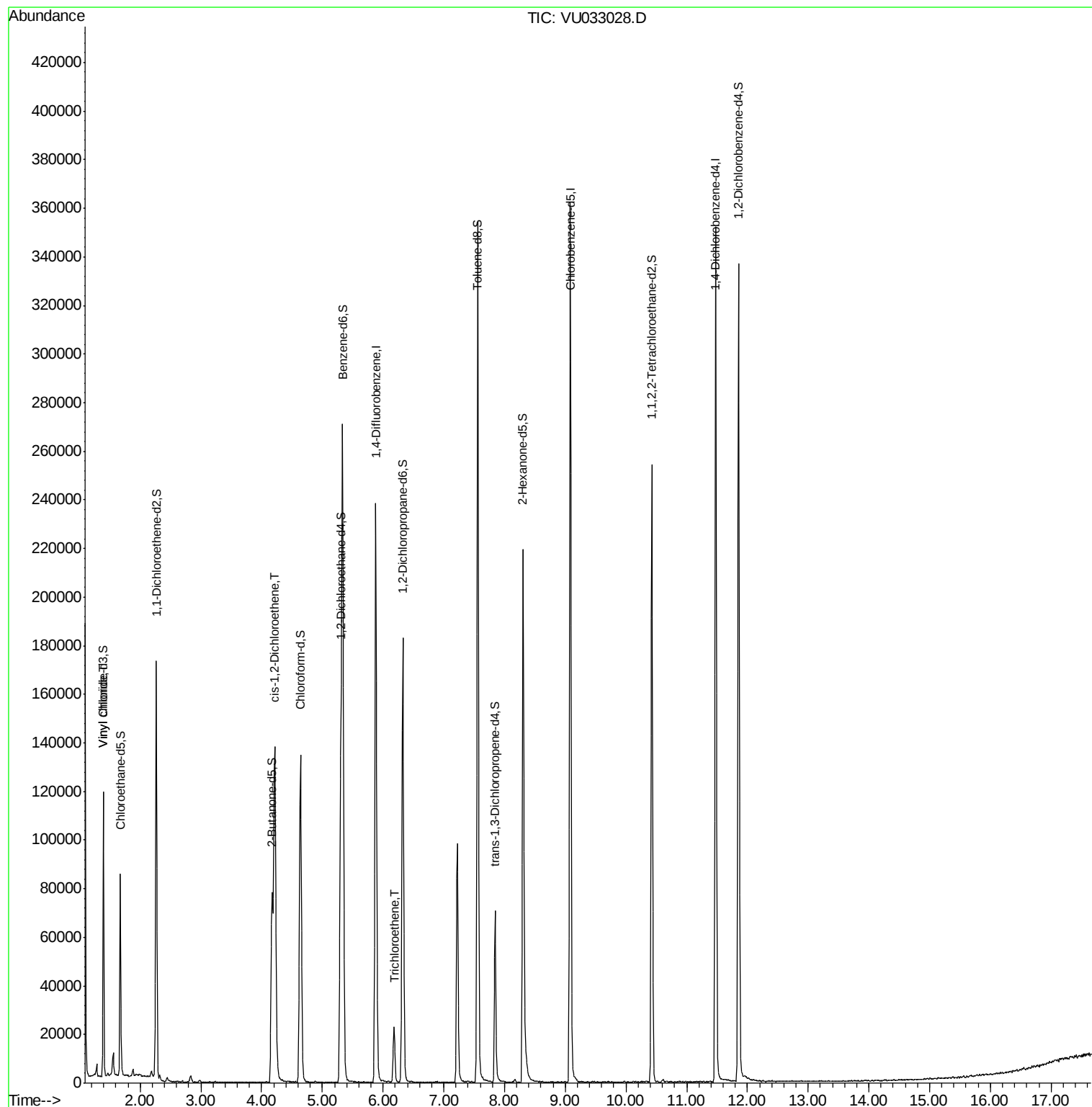
					Ovalue
5) Vinyl chloride	1.40	62	9249	5.312 ug/L	83
20) cis-1,2-Dichloroethene	4.22	96	70184	49.205 ug/L	99
34) Trichloroethene	6.18	95	7148	5.003 ug/L	99

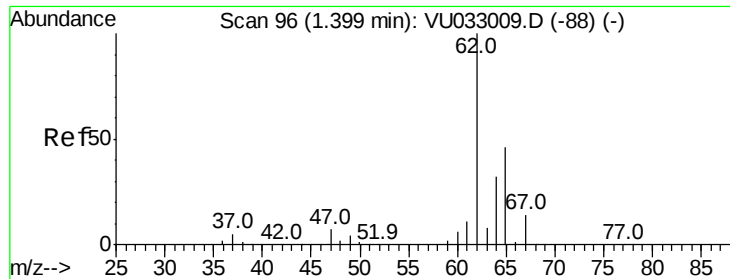
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.312 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU033028.D

Acq: 25 Jun 2019 00:03

Instrument :

MSVOA_U

ClientSampleId :

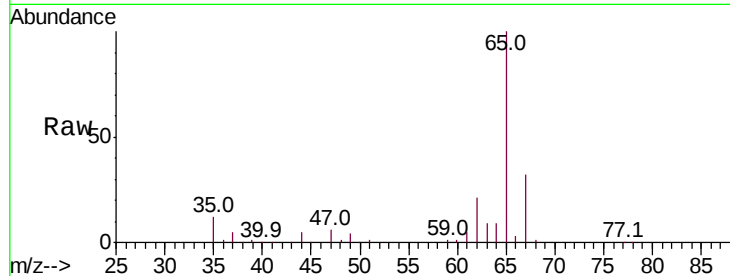
ETF23DL

Tot Ion: 62 Resp: 9249

Ion Ratio Lower Upper

62 100

64 42.6 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

10000

8000

6000

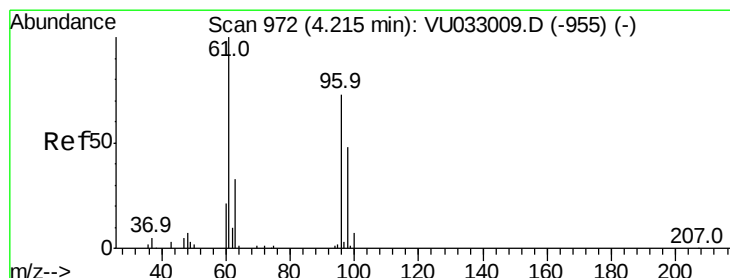
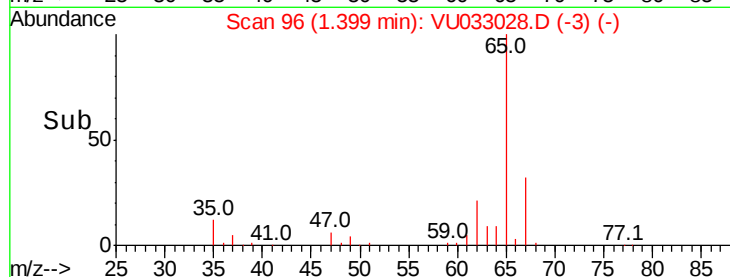
4000

2000

0

1.36 1.38 1.40 1.42 1.44

Time-->



#20

cis-1,2-Dichloroethene

Concen: 49.205 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

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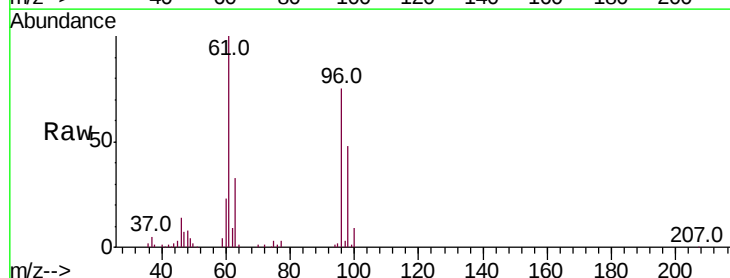
Tgt Ion: 96 Resp: 70184

Ion Ratio Lower Upper

96 100

61 133.5 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

50000

40000

30000

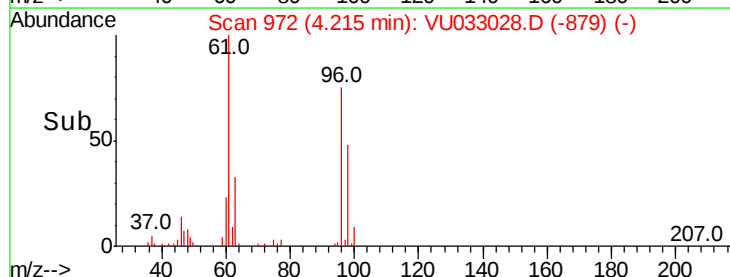
20000

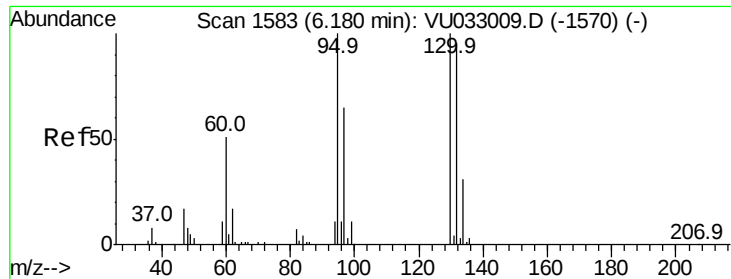
10000

0

4.10 4.15 4.20 4.25 4.30

Time-->





#34
 Trichloroethene
 Concen: 5.003 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU033028.D
 Acq: 25 Jun 2019 00:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF23DL

Tot Ion: 95 Resp: 7148
 Ion Ratio Lower Upper
 95 100
 97 66.9 45.9 85.3
 132 99.6 68.5 127.3
 130 100.3 70.8 131.4

