

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033030.D
 Acq On : 25 Jun 2019 00:49
 Operator : JC/SP
 Sample : K3478-11DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF25DL

Quant Time: Jun 25 07:56:57 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	183391	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	177807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60521	48.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.58%
7) Chloroethane-d5	1.67	69	53168	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.38%
11) 1,1-Dichloroethene-d2	2.26	63	92725	36.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.44%
21) 2-Butanone-d5	4.17	46	126659	121.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.42%
24) Chloroform-d	4.64	84	129436	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
26) 1,2-Dichloroethane-d4	5.30	65	92029	56.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.40%
32) Benzene-d6	5.33	84	246838	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
36) 1,2-Dichloropropane-d6	6.32	67	81917	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.96%
41) Toluene-d8	7.56	98	216816	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%
43) trans-1,3-Dichloropropene-	7.85	79	38422	50.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.04%
47) 2-Hexanone-d5	8.31	63	72709	105.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118952	52.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	85016	54.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.00%

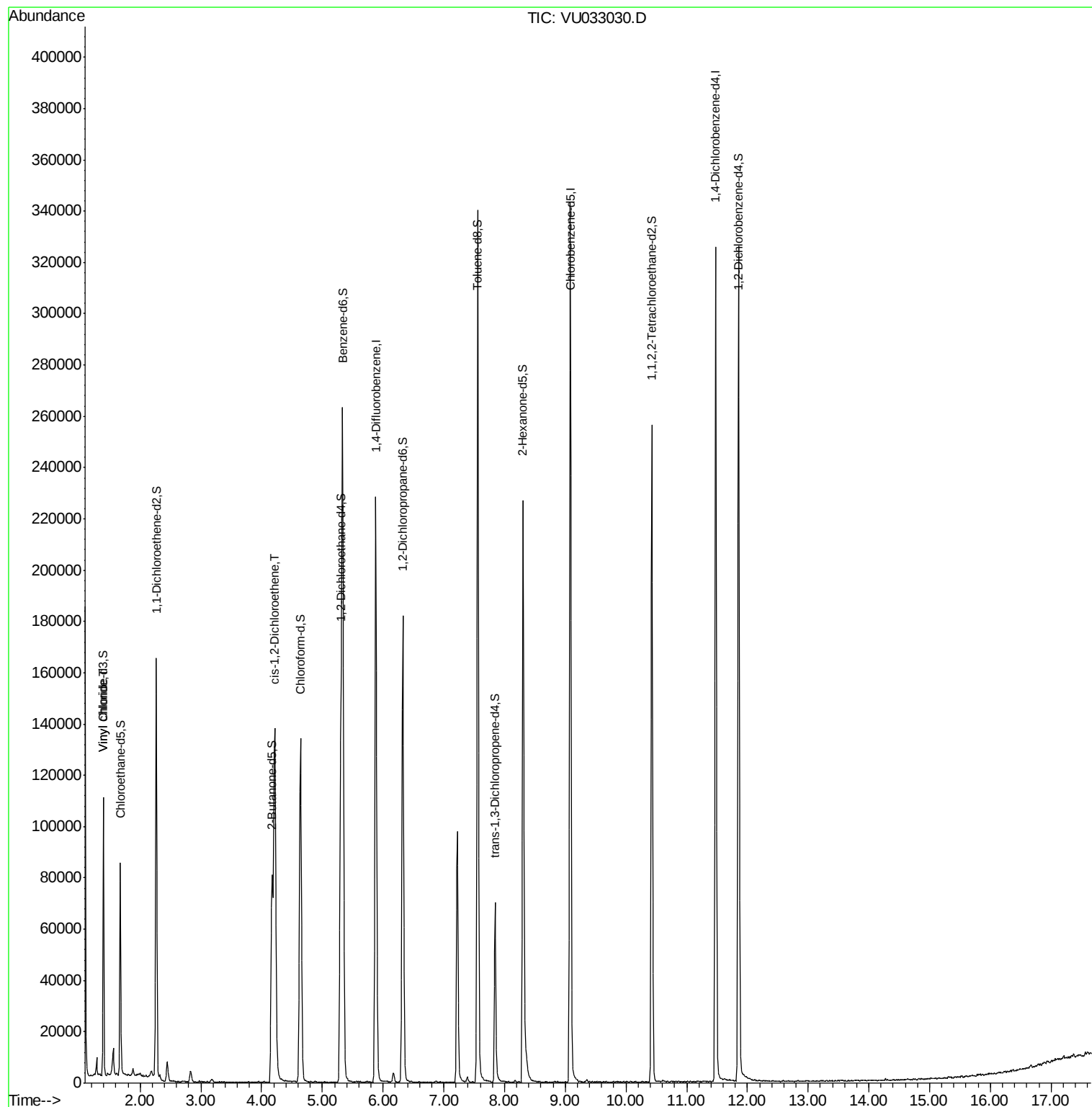
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	10261	6.161 ug/L	91
20) cis-1,2-Dichloroethene	4.22	96	69322	50.811 ug/L	98

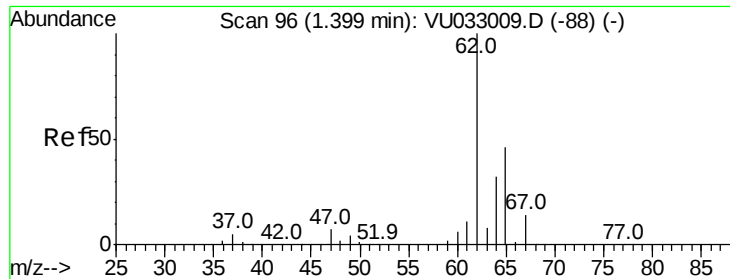
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.161 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

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ClientSampleId :

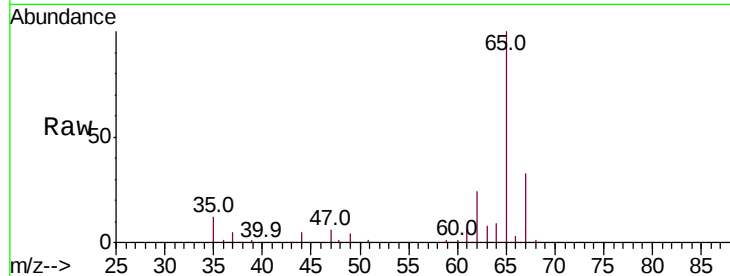
ETF25DL

Tot Ion: 62 Resp: 10261

Ion Ratio Lower Upper

62 100

64 38.0 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU033009.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU033009.D (-88) (-)

12000

10000

8000

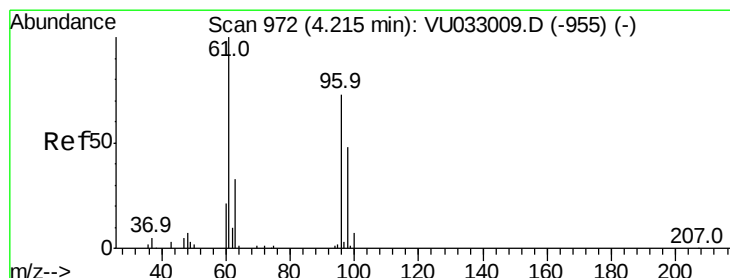
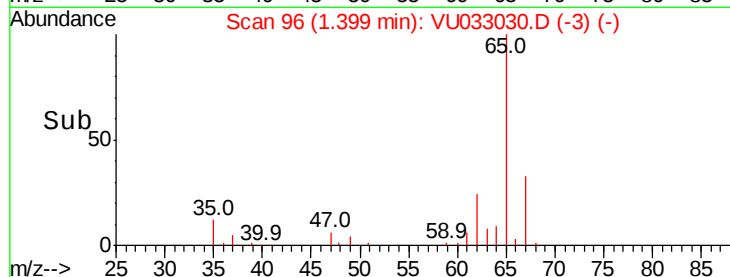
6000

4000

2000

0

Time--> 1.35 1.40 1.45



#20

cis-1,2-Dichloroethene

Concen: 50.811 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

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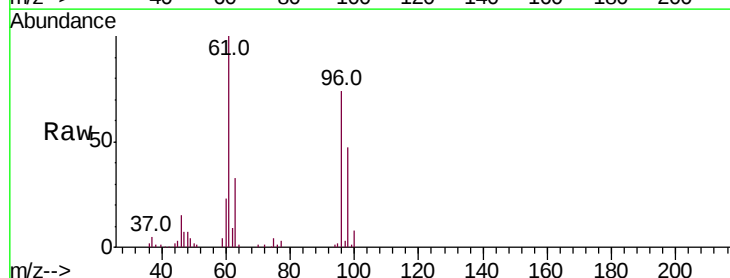
Tgt Ion: 96 Resp: 69322

Ion Ratio Lower Upper

96 100

61 134.3 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033009.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU033009.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU033009.D (-955) (-)

50000

40000

30000

20000

10000

0

Time--> 4.10 4.20 4.30

