

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032953.D
 Acq On : 21 Jun 2019 18:42
 Operator : JC/SP
 Sample : K3463-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF15

Quant Time: Jun 22 02:10:42 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	187273	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184312	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47425	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.68	69	43243	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.72%
11) 1,1-Dichloroethene-d2	2.26	63	78108	30.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.58%
21) 2-Butanone-d5	4.17	46	117185	110.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.01%
24) Chloroform-d	4.64	84	116618	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
26) 1,2-Dichloroethane-d4	5.30	65	82234	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.33	84	213649	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
36) 1,2-Dichloropropane-d6	6.32	67	72655	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.94%
41) Toluene-d8	7.56	98	189443	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	34517	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.31	63	70284	98.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112892	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	79473	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

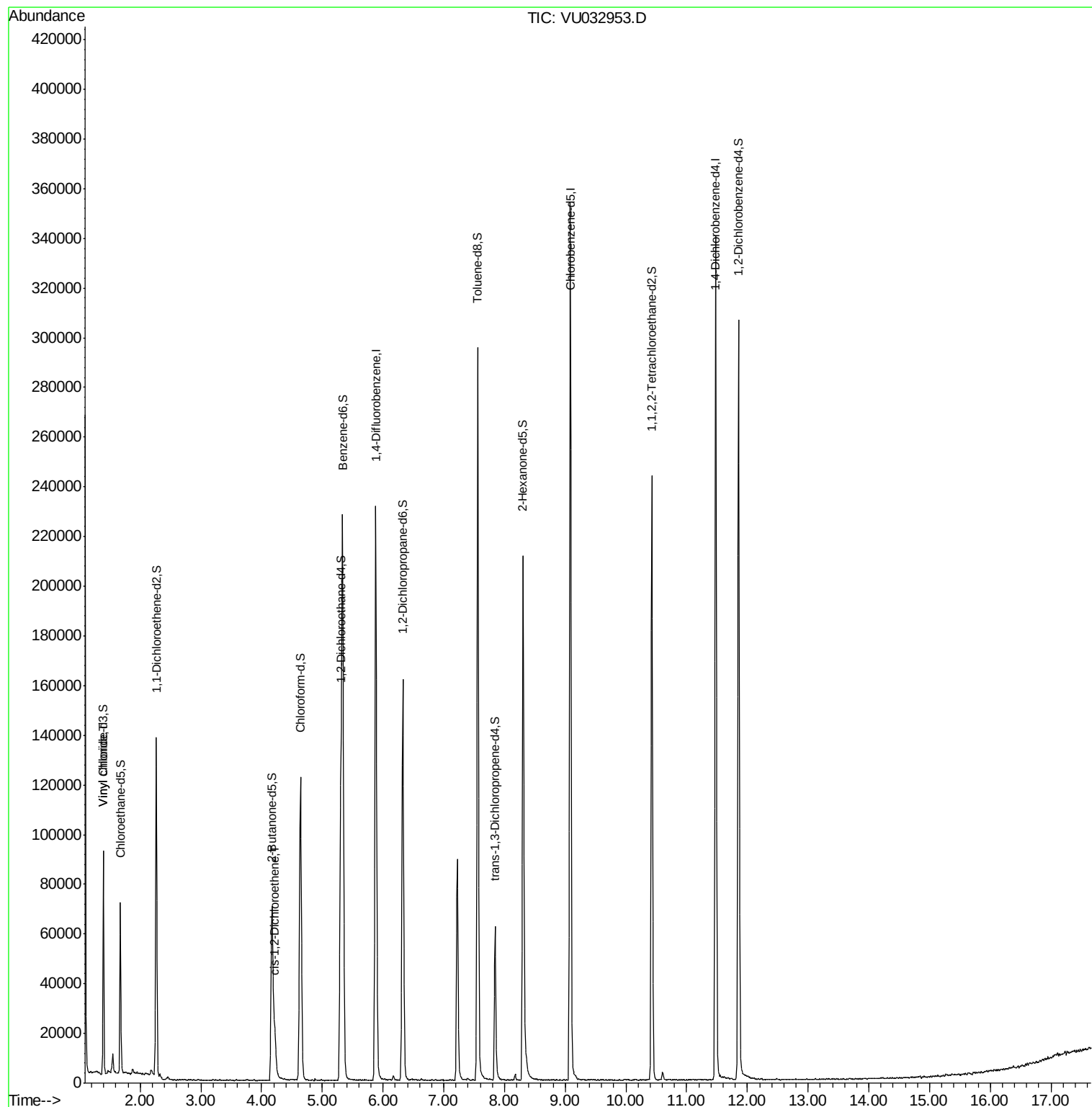
					Ovalue
5) Vinyl chloride	1.40	62	7259	4.269 ug/L #	81
20) cis-1,2-Dichloroethene	4.22	96	7592	5.449 ug/L	98

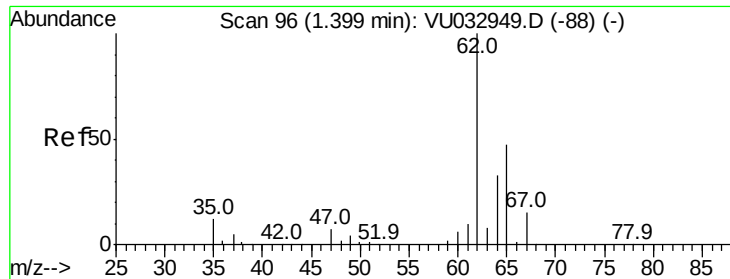
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.269 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032953.D

Acq: 21 Jun 2019 18:42

Instrument :

MSVOA_U

ClientSampled :

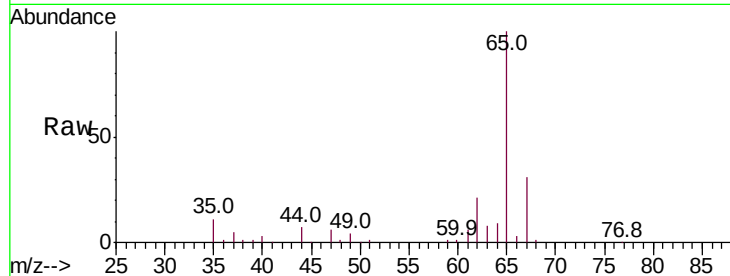
ETF15

Tot Ion: 62 Resp: 7259

Ion Ratio Lower Upper

62 100

64 43.3 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

8000

6000

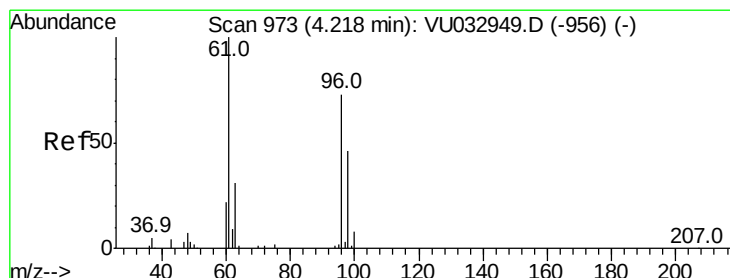
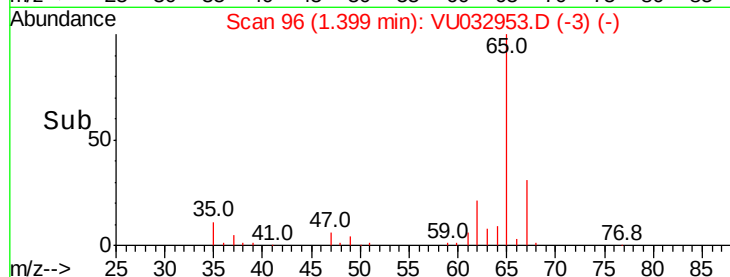
4000

2000

0

1.36 1.38 1.40 1.42 1.44

Time-->



#20

cis-1,2-Dichloroethene

Concen: 5.449 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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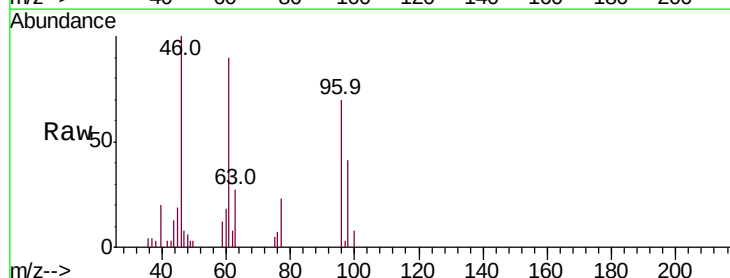
Tgt Ion: 96 Resp: 7592

Ion Ratio Lower Upper

96 100

61 129.1 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032949.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032949.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032949.D (-956) (-)

4.22

5000

4000

3000

2000

1000

0

4.15 4.20 4.25 4.30

Time-->

