

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033027.D
 Acq On : 24 Jun 2019 23:40
 Operator : JC/SP
 Sample : K3463-16DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF16DL

Quant Time: Jun 25 07:48:16 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	194327	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	191913	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90802	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63380	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.44%
7) Chloroethane-d5	1.68	69	51980	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.16%
11) 1,1-Dichloroethene-d2	2.26	63	98714	36.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.80%
21) 2-Butanone-d5	4.17	46	121498	109.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.92%
24) Chloroform-d	4.64	84	129947	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
26) 1,2-Dichloroethane-d4	5.30	65	90527	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.33	84	254365	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.32	67	82181	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.14%
41) Toluene-d8	7.56	98	228066	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%
43) trans-1,3-Dichloropropene-	7.85	79	38597	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.31	63	72189	97.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.01%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119030	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	89212	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

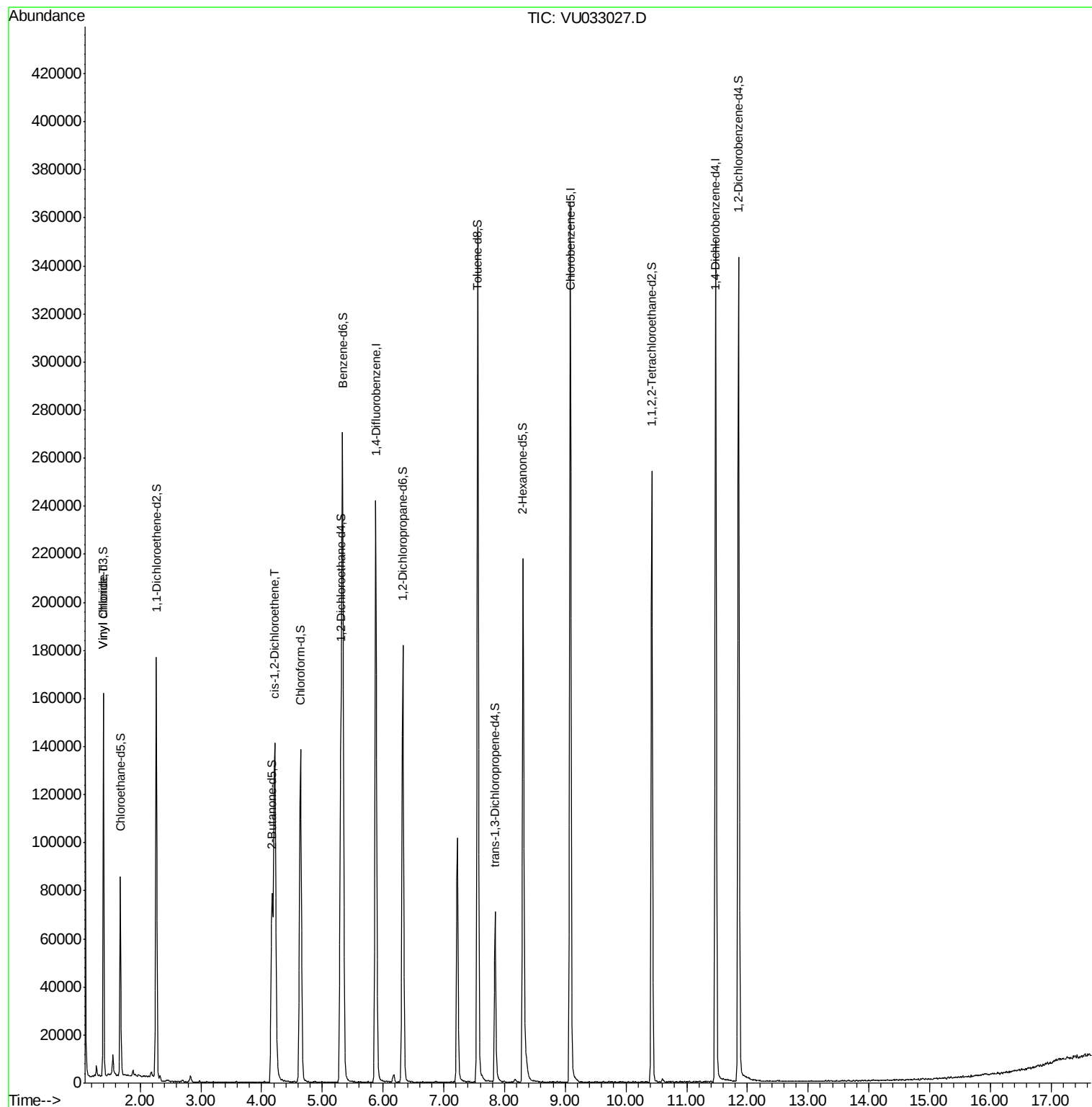
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	33379	18.915 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	69752	48.249 ug/L	97

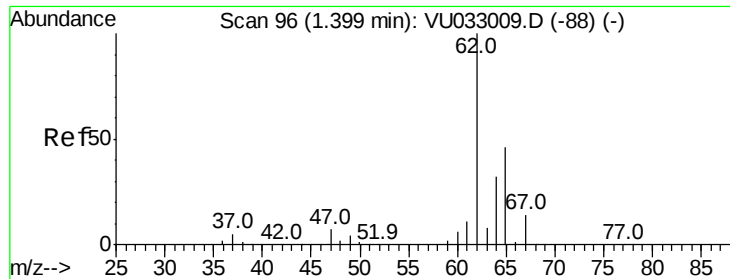
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 18.915 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

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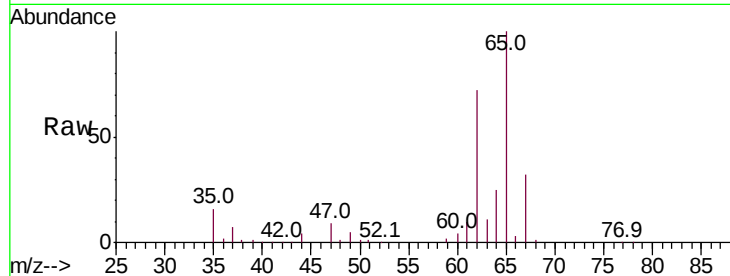
ETF16DL

Tot Ion: 62 Resp: 33379

Ion Ratio Lower Upper

62 100

64 34.9 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) (-)

1.40

30000

20000

10000

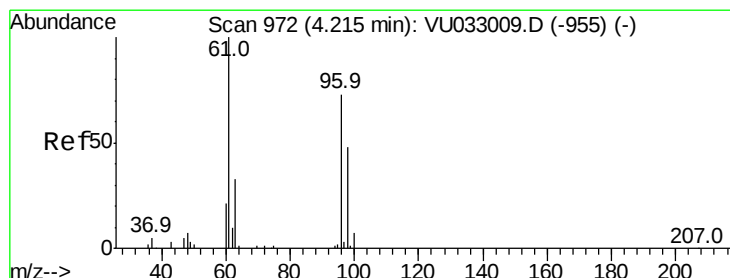
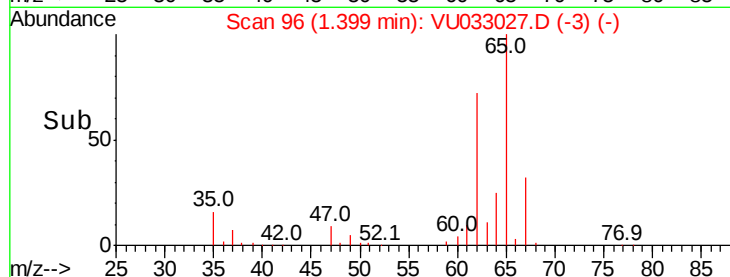
0

Time-->

1.35

1.40

1.45



#20

cis-1,2-Dichloroethene

Concen: 48.249 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

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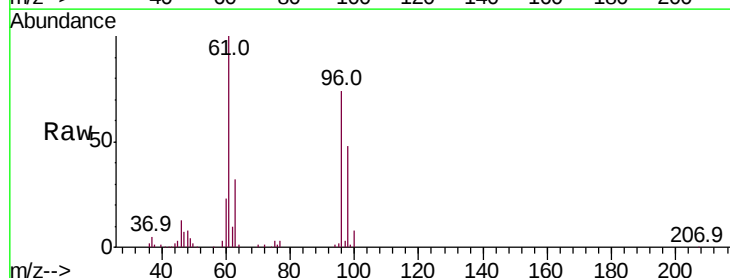
Tgt Ion: 96 Resp: 69752

Ion Ratio Lower Upper

96 100

61 135.3 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-->

4.15

4.20

4.22

4.25

4.30

