

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032966.D
 Acq On : 21 Jun 2019 23:41
 Operator : JC/SP
 Sample : K3464-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF51

Quant Time: Jun 22 02:50:02 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	191086	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49677	38.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.08%
7) Chloroethane-d5	1.68	69	45341	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.06%
11) 1,1-Dichloroethene-d2	2.26	63	80682	30.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.34%
21) 2-Butanone-d5	4.17	46	118368	108.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.90%
24) Chloroform-d	4.64	84	118280	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
26) 1,2-Dichloroethane-d4	5.30	65	84688	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
32) Benzene-d6	5.33	84	221414	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
36) 1,2-Dichloropropane-d6	6.32	67	73472	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.56	98	195437	42.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.44%
43) trans-1,3-Dichloropropene-	7.85	79	33413	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.56%
47) 2-Hexanone-d5	8.31	63	69479	95.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111972	46.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	79978	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%

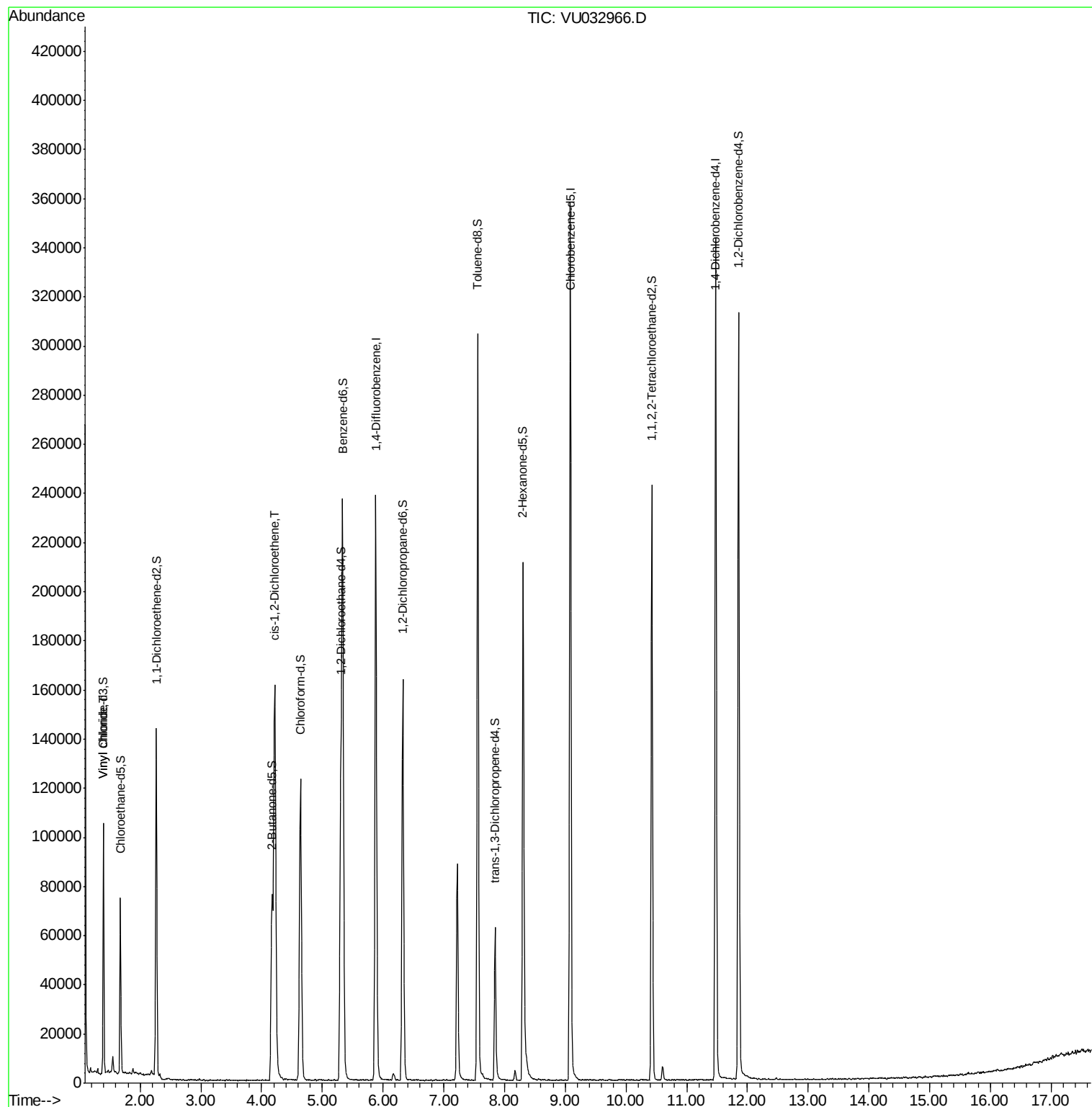
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	15331	8.835 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	81809	57.549 ug/L	95

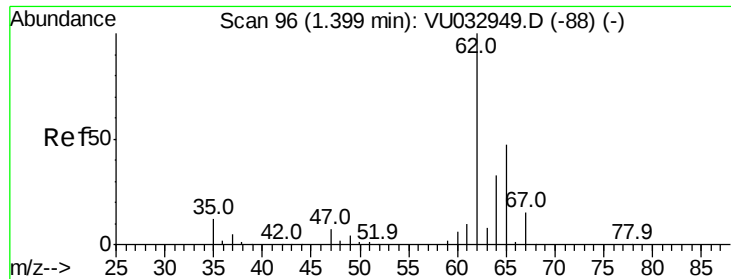
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.835 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032966.D

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Instrument :

MSVOA_U

ClientSampled :

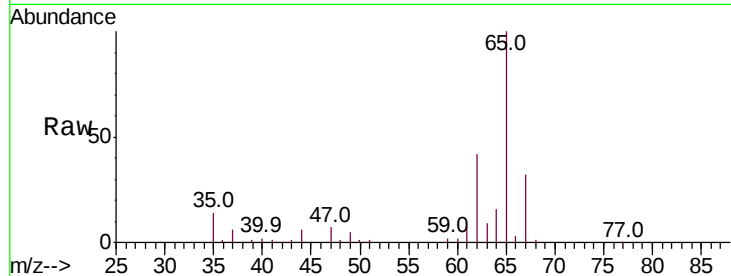
ETF51

Tot Ion: 62 Resp: 15331

Ion Ratio Lower Upper

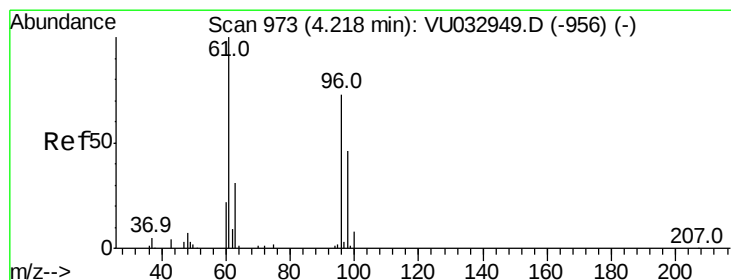
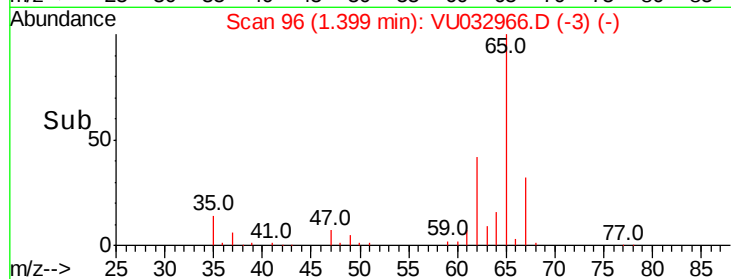
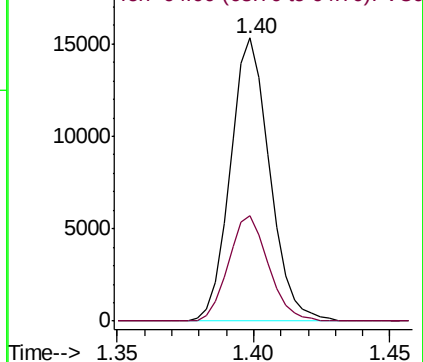
62 100

64 37.1 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) (-)



#20

cis-1,2-Dichloroethene

Concen: 57.549 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

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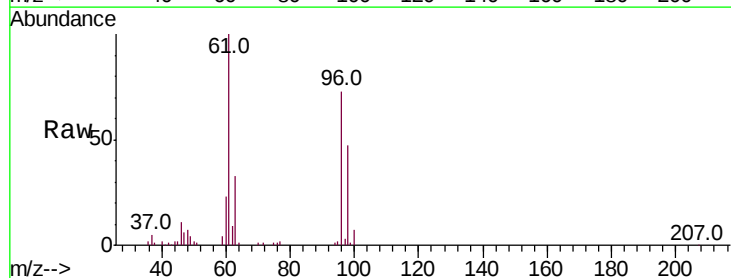
Tgt Ion: 96 Resp: 81809

Ion Ratio Lower Upper

96 100

61 137.6 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) (-)

