

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035379.D
 Acq On : 22 Oct 2019 21:42
 Operator : JC/SP
 Sample : K5461-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G01

Quant Time: Oct 23 08:58:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	254316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	81542	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	111030	7.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	143.20%#
7) Chloroethane-d5	1.93	69	98267	6.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.60%#
11) 1,1-Dichloroethene-d2	2.60	63	146230	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.71	46	207820	46.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.28%
24) Chloroform-d	5.11	84	167199	5.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.00%
26) 1,2-Dichloroethane-d4	5.75	65	98230	6.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.20%
32) Benzene-d6	5.77	84	351532	6.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.60%
36) 1,2-Dichloropropane-d6	6.74	67	115779	6.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.20%
41) Toluene-d8	7.93	98	301360	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
43) trans-1,3-Dichloropropene-	8.22	79	39498	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.69	63	178106	45.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93102	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	89754	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

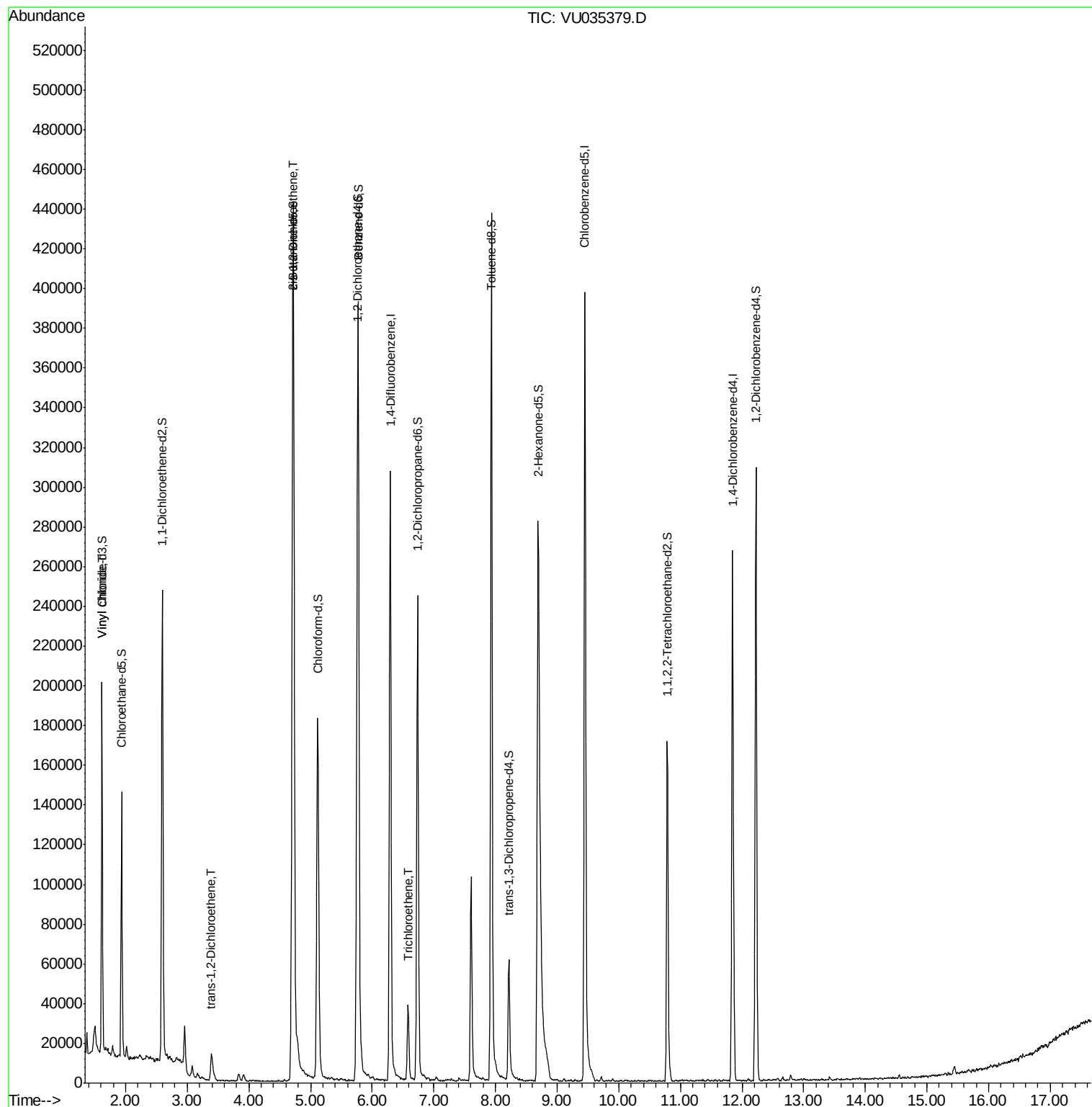
				Ovalue	
5) Vinyl chloride	1.62	62	10414	0.472 ug/L #	37
18) trans-1,2-Dichloroethene	3.39	96	5290	0.300 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	184829	9.484 ug/L	100
34) Trichloroethene	6.58	95	12676	0.640 ug/L	91

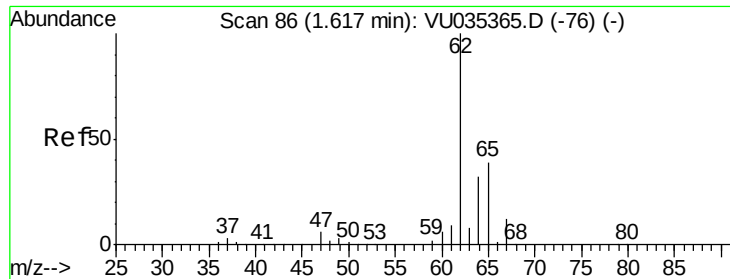
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.472 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VU035379.D

Acq: 22 Oct 2019 21:42

Instrument :

MSVOA_U

ClientSampled :

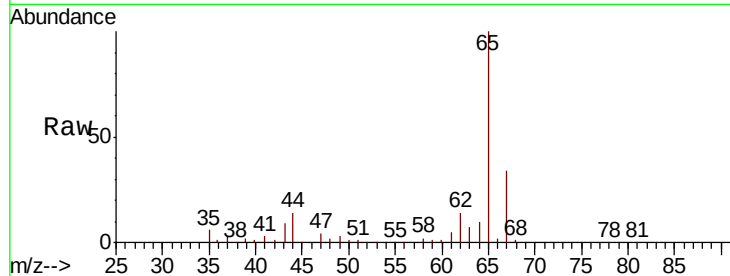
H0G01

Tot Ion: 62 Resp: 10414

Ion Ratio Lower Upper

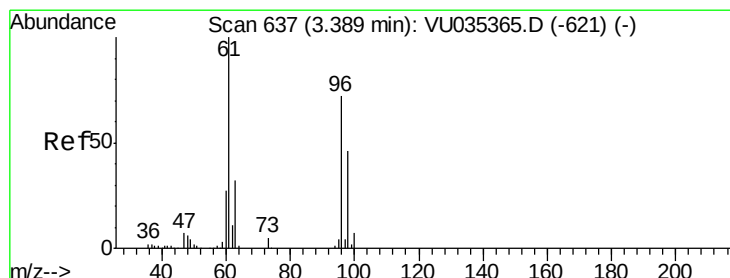
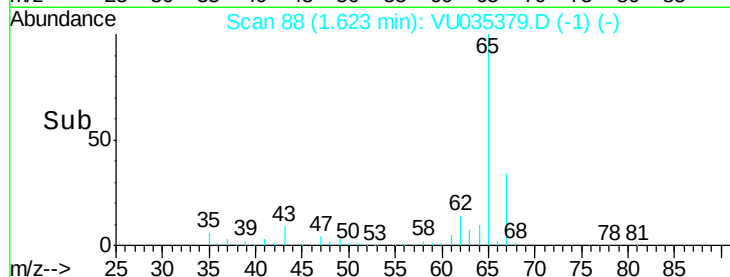
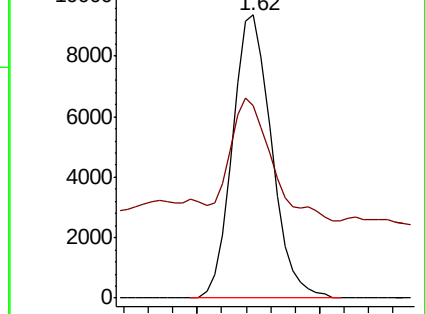
62 100

64 68.0 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VU035379.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VU035379.D (-1) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.300 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.01 min

Lab File: VU035379.D

Acq: 22 Oct 2019 21:42

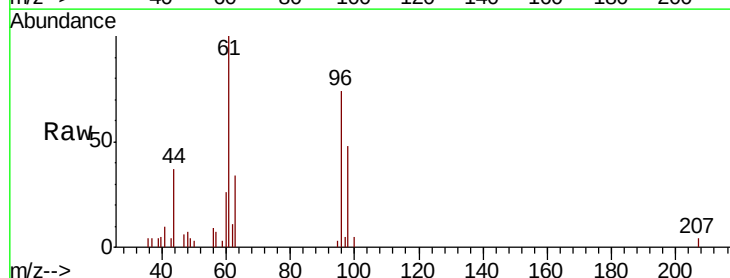
Tgt Ion: 96 Resp: 5290

Ion Ratio Lower Upper

96 100

61 134.5 93.0 172.6

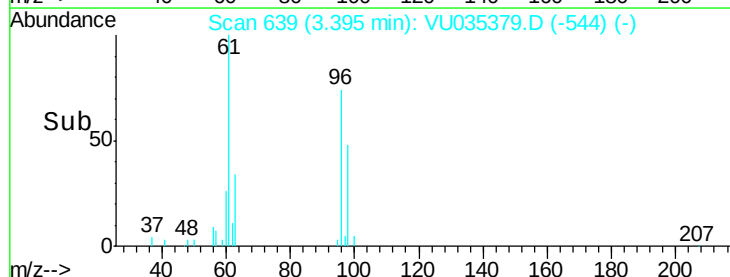
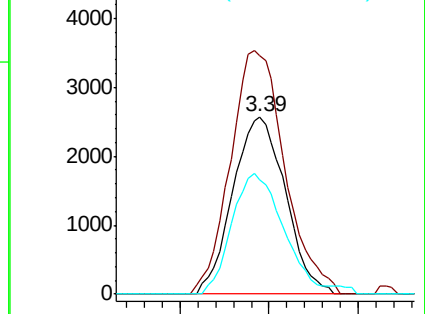
98 64.6 43.7 81.1

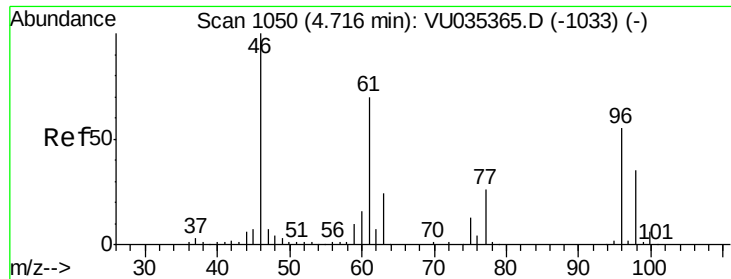


Abundance Ion 96.00 (95.70 to 96.70): VU035379.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU035379.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU035379.D (-544) (-)





#22

cis-1,2-Dichloroethene

Concen: 9.484 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

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ClientSampleId :
H0G01

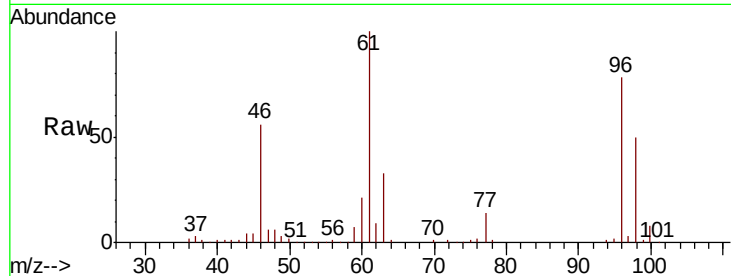
Tot Ion: 96 Resp: 184829

Ion Ratio Lower Upper

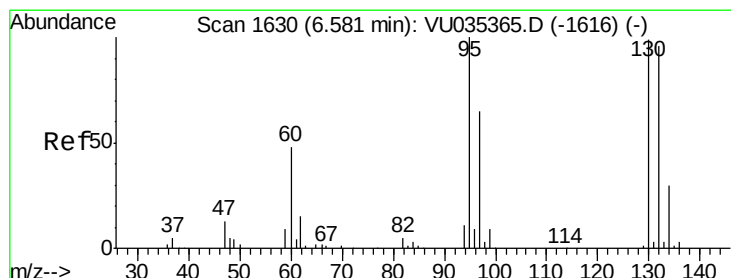
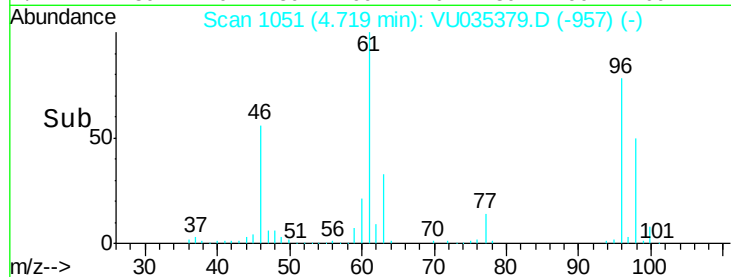
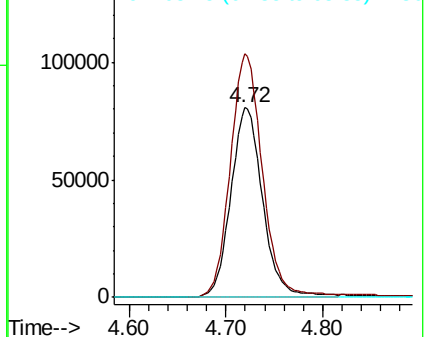
96 100

61 128.7 89.7 166.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.640 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035379.D

Acq: 22 Oct 2019 21:42

Tgt Ion: 95 Resp: 12676

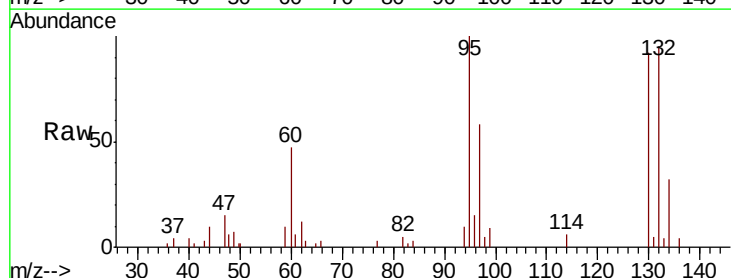
Ion Ratio Lower Upper

95 100

97 57.8 46.6 86.6

132 94.7 68.7 127.7

130 92.0 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

