

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
 Data File : VU035285.D
 Acq On : 18 Oct 2019 22:41
 Operator : JC/SP
 Sample : K5419-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 00:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 03:38:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	333581	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	318028	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	124102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	103056	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.93	69	89467	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.60	63	140518	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.71	46	257448	44.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.08%
24) Chloroform-d	5.11	84	180659	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	102672	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	371387	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.74	67	121622	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.93	98	348310	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	8.22	79	48747	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.69	63	210780	42.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	99048	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	110236	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

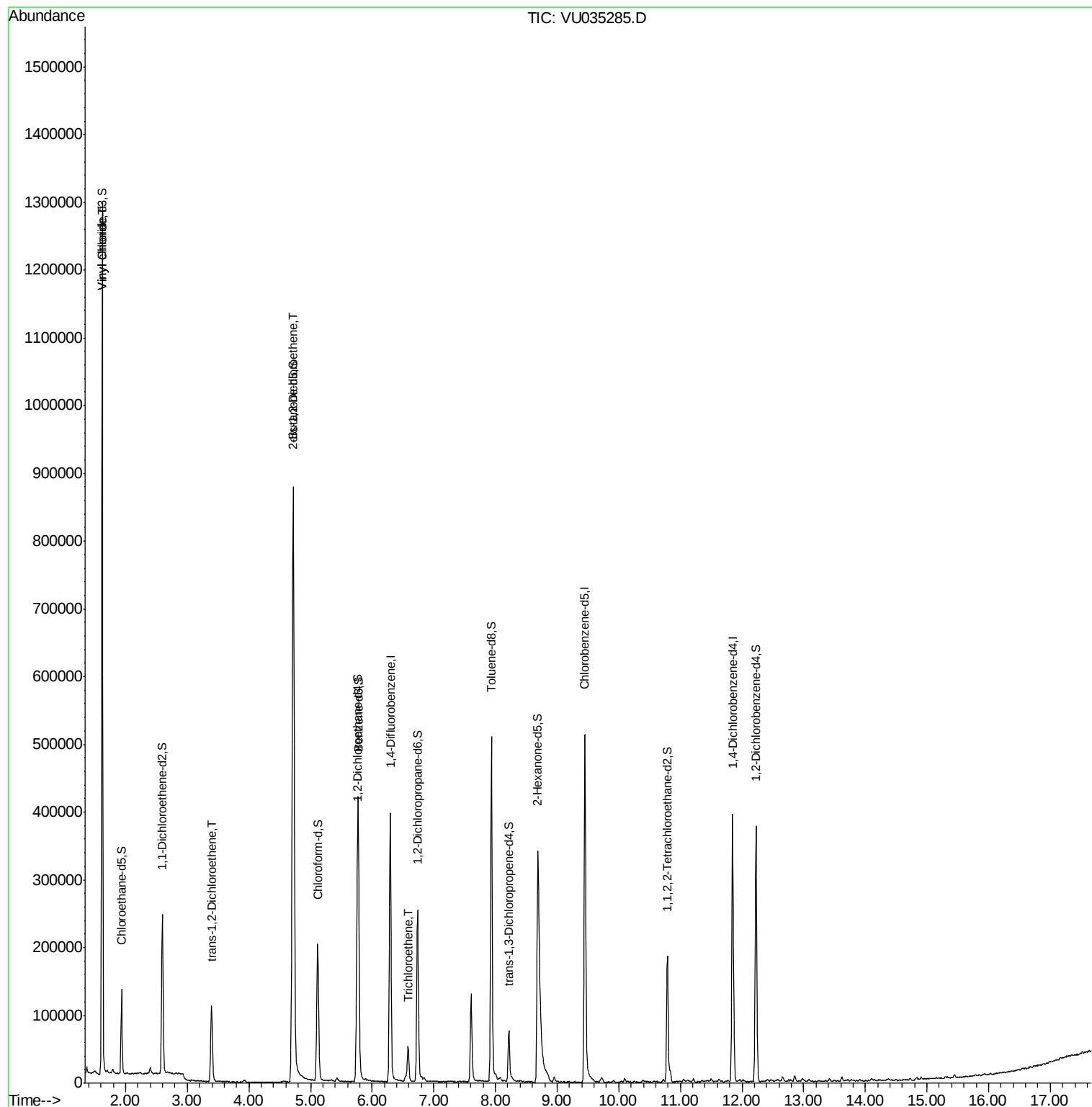
					Qvalue
5) Vinyl chloride	1.62	62	778172	26.905 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	47961	2.074 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	407230	15.930 ug/L	99
34) Trichloroethene	6.58	95	16927	0.673 ug/L	94

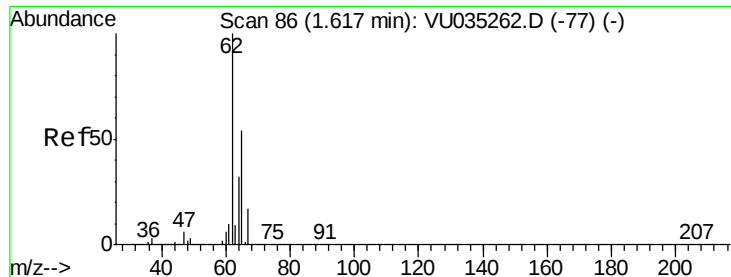
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 26.905 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

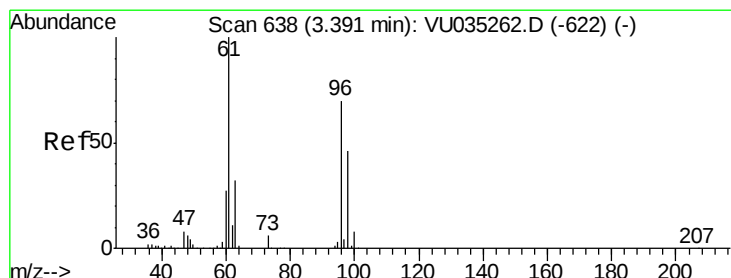
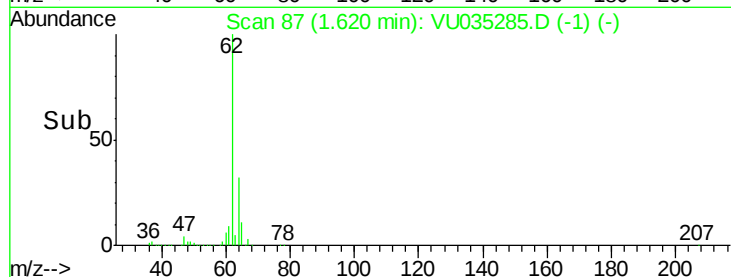
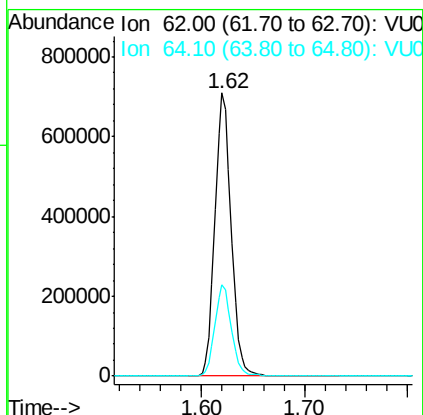
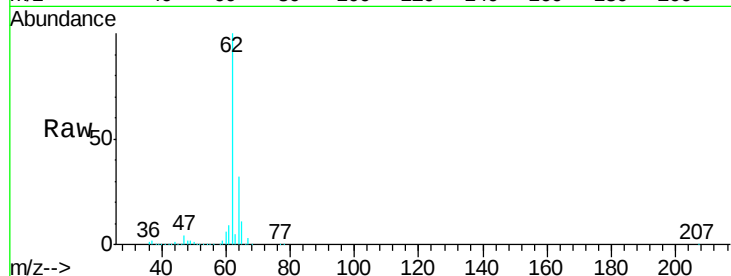
ClientSampleId :

Tgt Ion: 62 Resp: 778172

Ion Ratio Lower Upper

62 100

64 32.2 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 2.074 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

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Acq: 18 Oct 2019 22:41

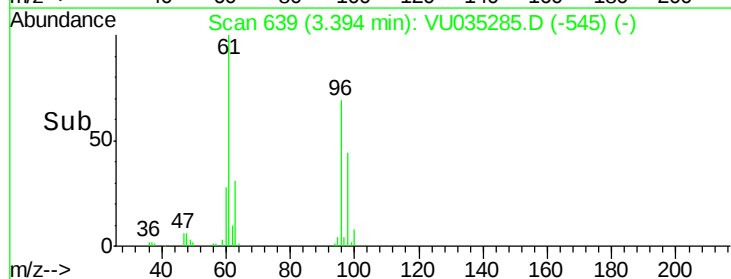
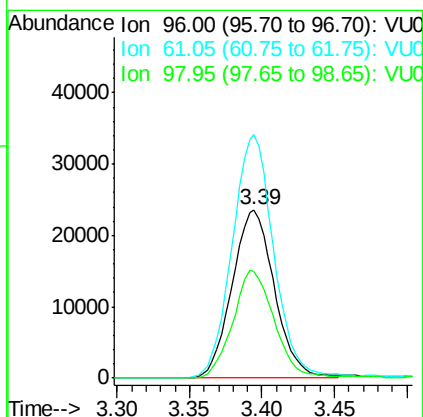
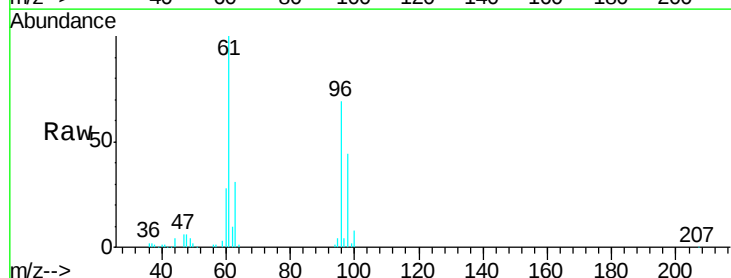
Tgt Ion: 96 Resp: 47961

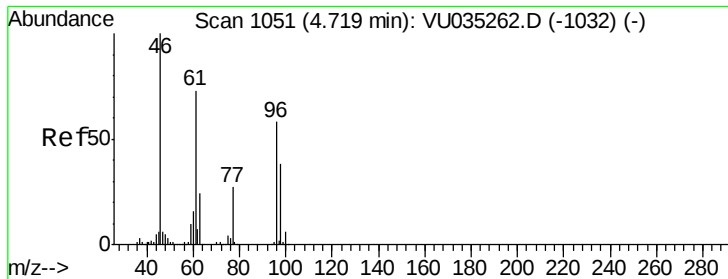
Ion Ratio Lower Upper

96 100

61 144.4 93.0 172.6

98 63.2 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 15.930 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

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Instrument :
MSVOA_U
ClientSampleId :

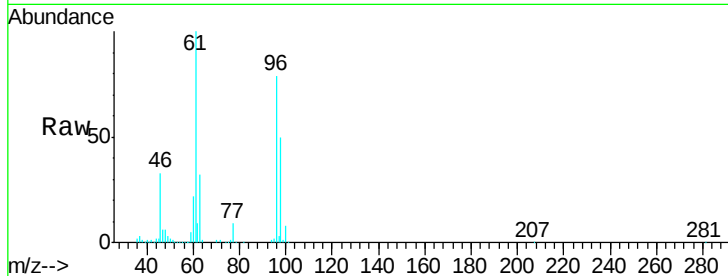
Tgt Ion: 96 Resp: 407230

Ion Ratio Lower Upper

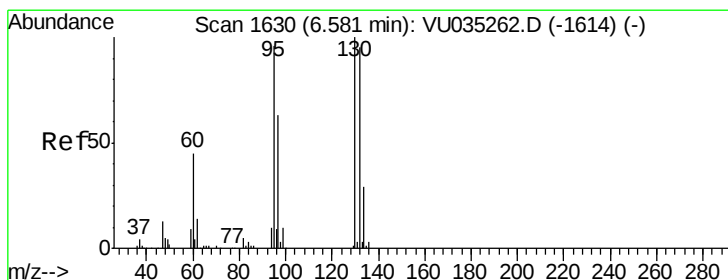
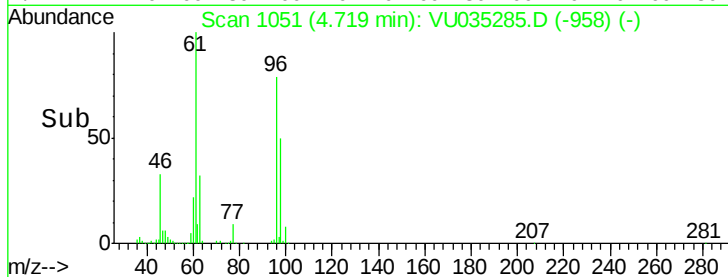
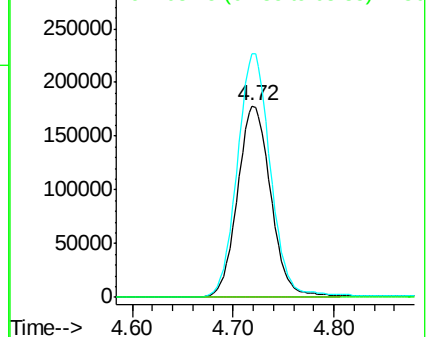
96 100

61 127.3 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: 0.673 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035285.D

Acq: 18 Oct 2019 22:41

Tgt Ion: 95 Resp: 16927

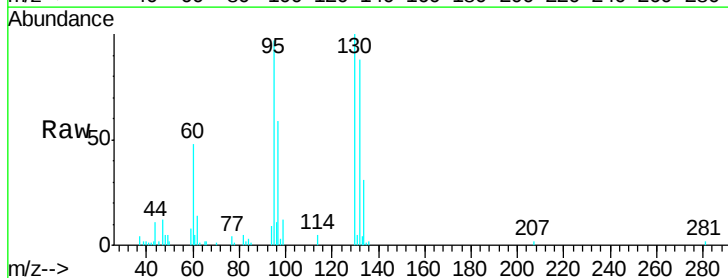
Ion Ratio Lower Upper

95 100

97 60.8 46.6 86.6

132 90.2 68.7 127.7

130 102.9 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

