

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035290.D
 Acq On : 19 Oct 2019 01:24
 Operator : JC/SP
 Sample : K5419-15DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ4DL

Quant Time: Oct 19 06:33:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 19 06:13:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	309842	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	297716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	116305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92149	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.93	69	85851	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	129911	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.71	46	281455	51.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	5.11	84	186950	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.75	65	103763	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.77	84	364334	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.74	67	120598	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.93	98	335373	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.22	79	49501	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.68	63	230746	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104115	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	116912	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

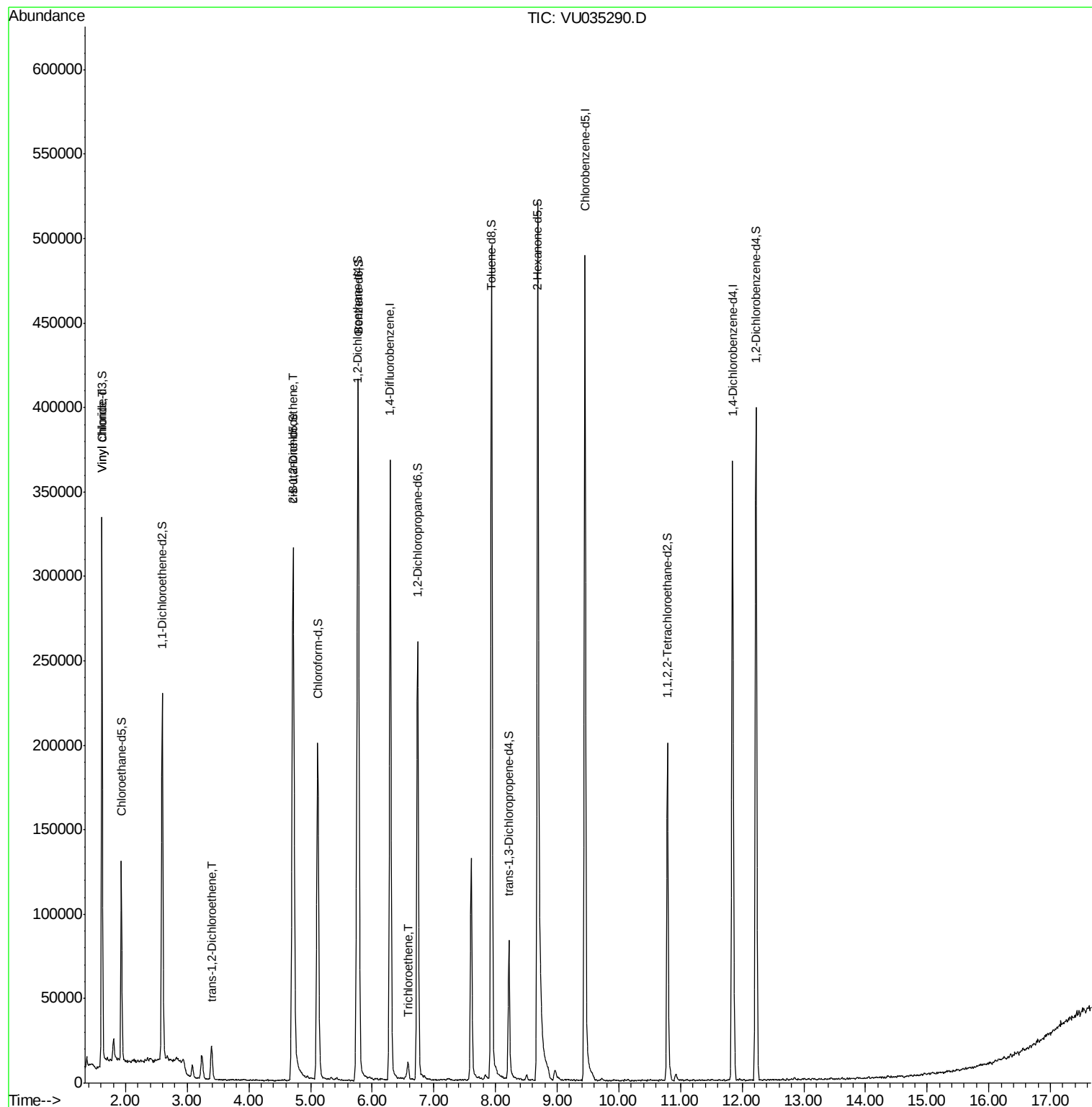
					Ovalue
5) Vinyl chloride	1.62	62	139674	5.199	ug/L 97
18) trans-1,2-Dichloroethene	3.39	96	8690	0.405	ug/L 93
22) cis-1,2-Dichloroethene	4.72	96	73203	3.083	ug/L 100
34) Trichloroethene	6.59	95	3076	0.131	ug/L 86

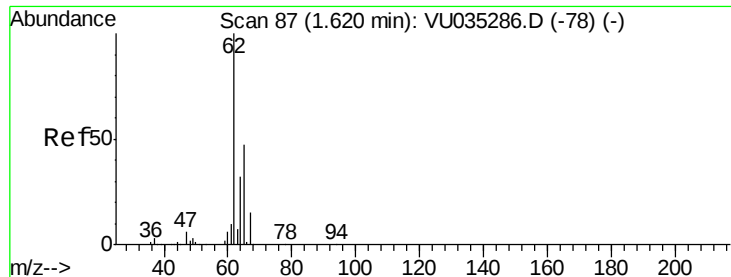
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.199 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035290.D

Acq: 19 Oct 2019 01:24

Instrument :

MSVOA_U

ClientSampleId :

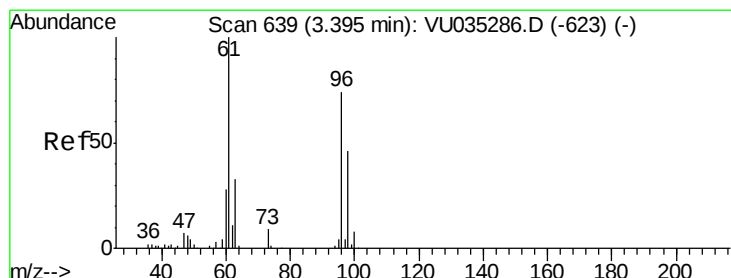
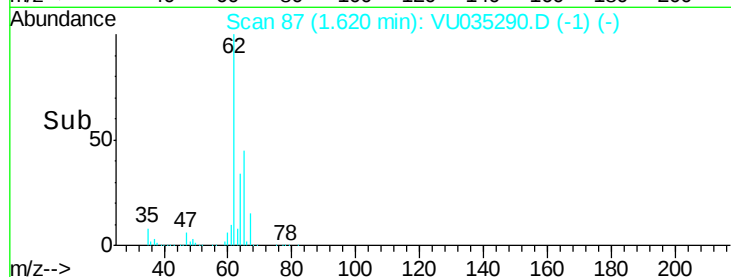
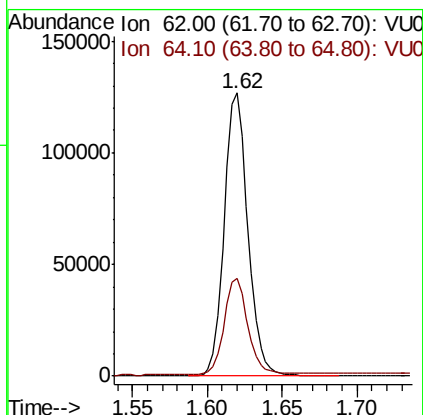
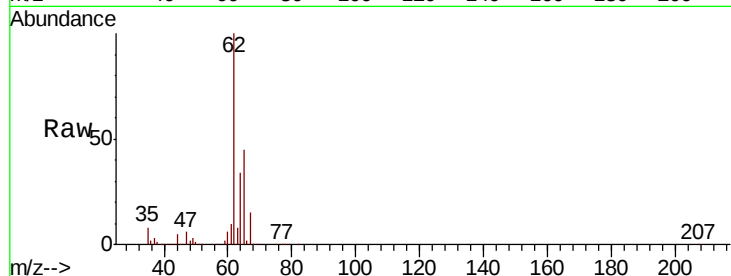
H0FZ4DL

Tot Ion: 62 Resp: 139674

Ion Ratio Lower Upper

62 100

64 34.4 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 0.405 ug/L

RT: 3.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: VU035290.D

Acq: 19 Oct 2019 01:24

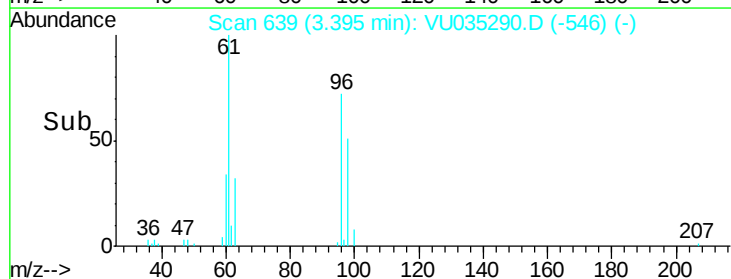
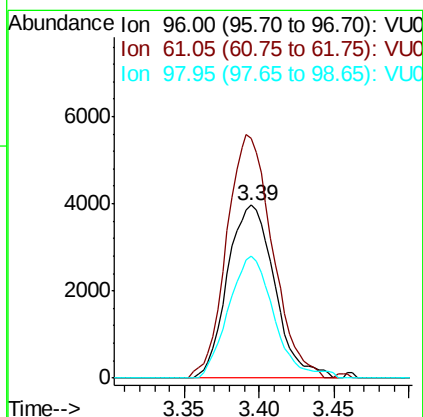
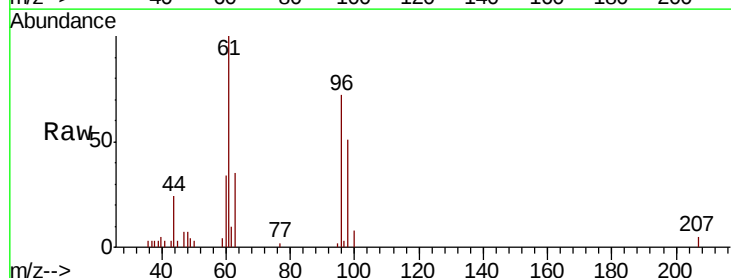
Tgt Ion: 96 Resp: 8690

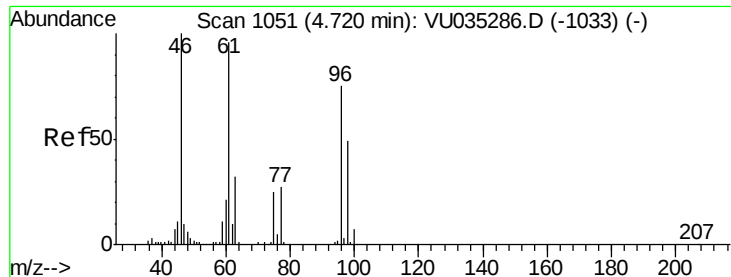
Ion Ratio Lower Upper

96 100

61 138.9 93.0 172.6

98 71.0 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 3.083 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VU035290.D

Acq: 19 Oct 2019 01:24

Instrument :

MSVOA_U

ClientSampleId :

H0FZ4DL

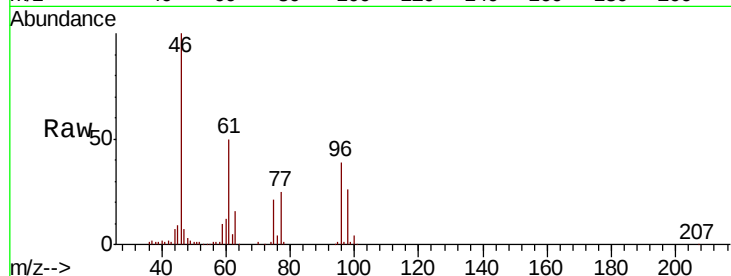
Tot Ion: 96 Resp: 73203

Ion Ratio Lower Upper

96 100

61 127.8 89.7 166.5

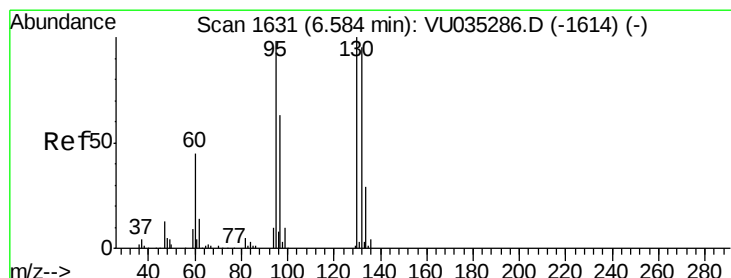
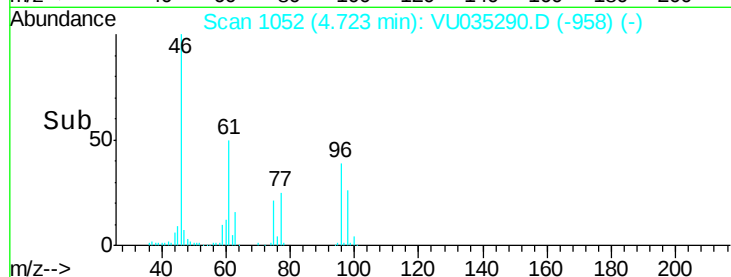
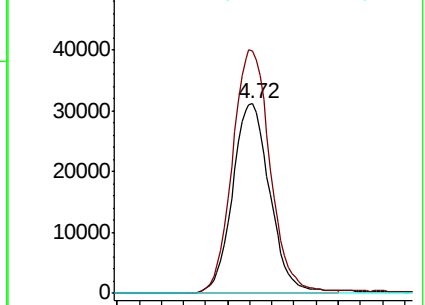
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035290.D (-1538) (-)

Ion 61.05 (60.75 to 61.75): VU035290.D (-1538) (-)

Ion 68.15 (67.85 to 68.85): VU035290.D (-1538) (-)



#34

Trichloroethene

Concen: 0.131 ug/L

RT: 6.59 min Scan# 1632

Delta R.T. 0.00 min

Lab File: VU035290.D

Acq: 19 Oct 2019 01:24

Tgt Ion: 95 Resp: 3076

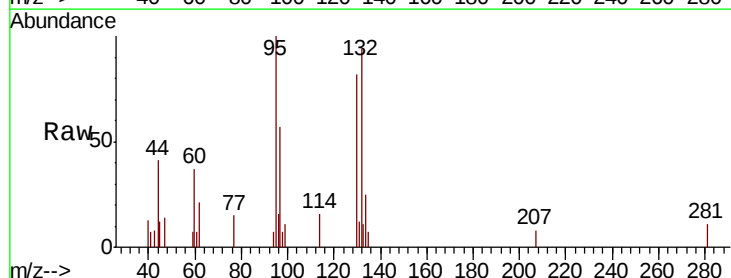
Ion Ratio Lower Upper

95 100

97 57.0 46.6 86.6

132 94.0 68.7 127.7

130 81.7 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU035290.D (-1538) (-)

Ion 96.95 (96.65 to 97.65): VU035290.D (-1538) (-)

Ion 131.95 (131.65 to 132.65): VU035290.D (-1538) (-)

Ion 129.95 (129.65 to 130.65): VU035290.D (-1538) (-)

