

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101819\
 Data File : VU035291.D
 Acq On : 19 Oct 2019 01:48
 Operator : JC/SP
 Sample : K5419-16DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FZ5DL

Quant Time: Oct 19 06:37:25 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	321713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	326152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	115085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	95236	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	85955	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.60	63	130816	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.71	46	270473	47.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	5.11	84	184856	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.75	65	103616	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.77	84	362731	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.74	67	120616	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	341361	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.22	79	49453	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.69	63	220051	43.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.84%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	100682	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.23	152	104892	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

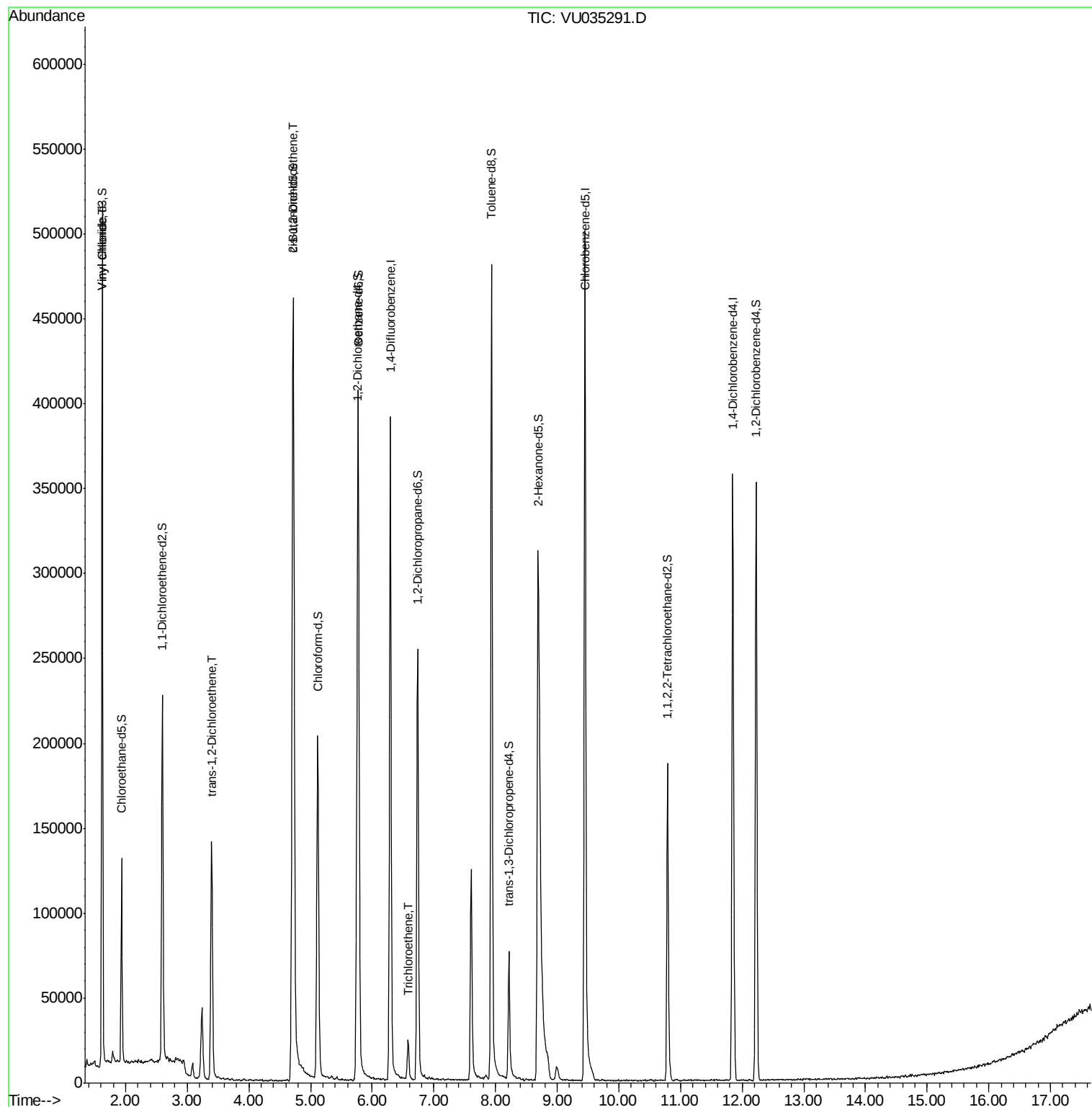
					Ovalue
5) Vinyl chloride	1.62	62	266020	9.537 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	61716	2.767 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	169580	6.878 ug/L	99
34) Trichloroethene	6.58	95	7405	0.287 ug/L	95

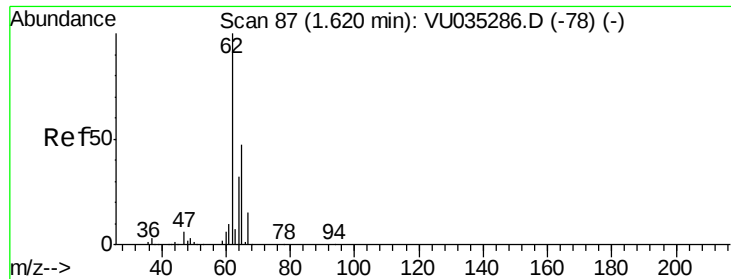
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.537 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

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Acq: 19 Oct 2019 01:48

Instrument :

MSVOA_U

ClientSampleId :

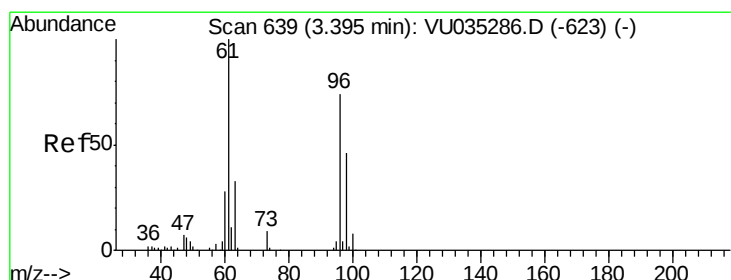
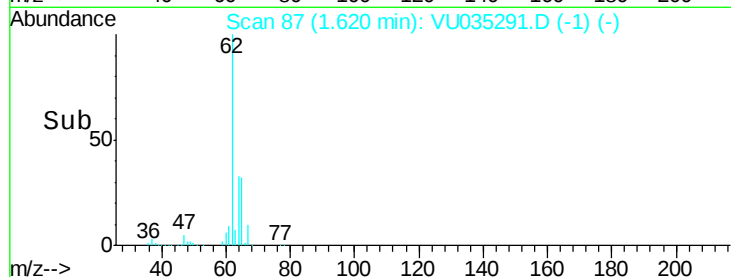
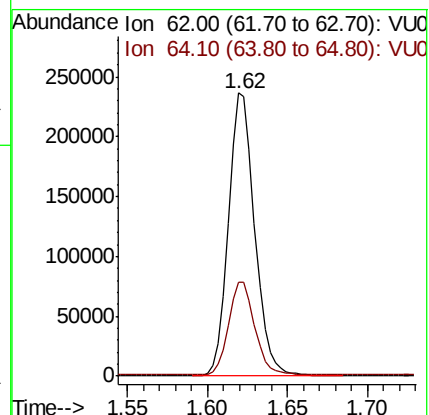
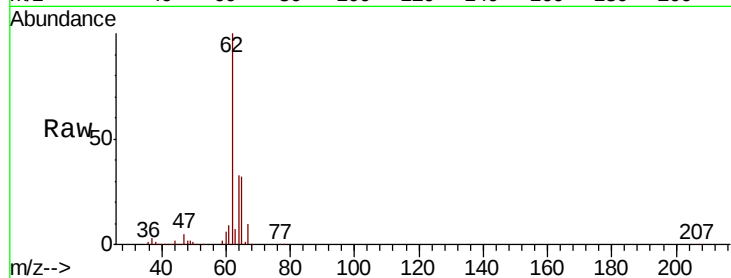
H0FZ5DL

Tot Ion: 62 Resp: 266020

Ion Ratio Lower Upper

62 100

64 33.3 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 2.767 ug/L

RT: 3.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

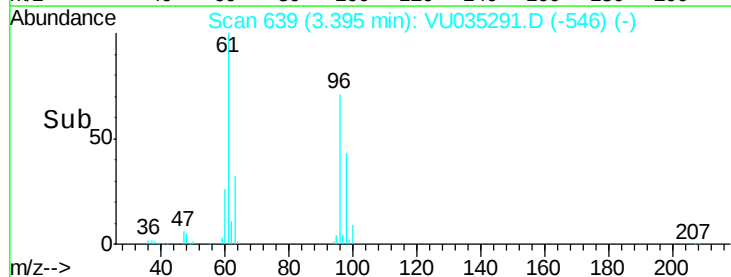
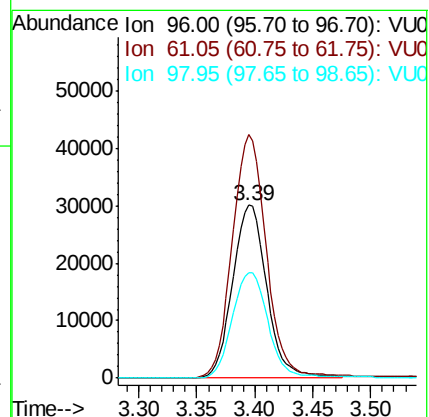
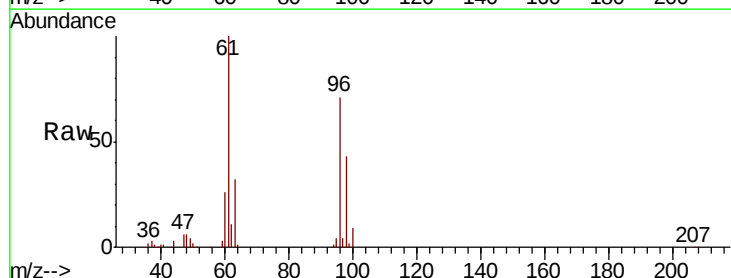
Tgt Ion: 96 Resp: 61716

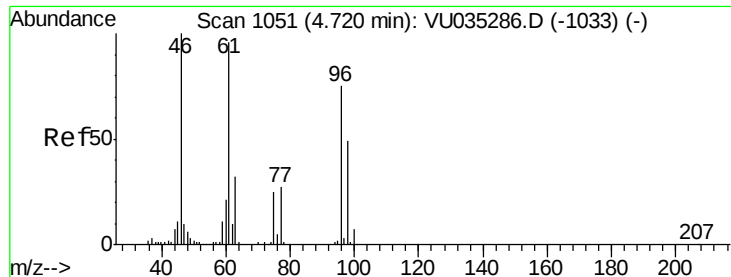
Ion Ratio Lower Upper

96 100

61 140.8 93.0 172.6

98 61.1 43.7 81.1





#22

cis-1,2-Dichloroethene

Concen: 6.878 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

Instrument :

MSVOA_U

ClientSampleId :

H0FZ5DL

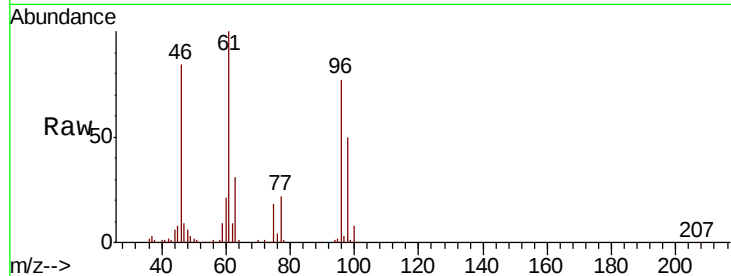
Tot Ion: 96 Resp: 169580

Ion Ratio Lower Upper

96 100

61 129.2 89.7 166.5

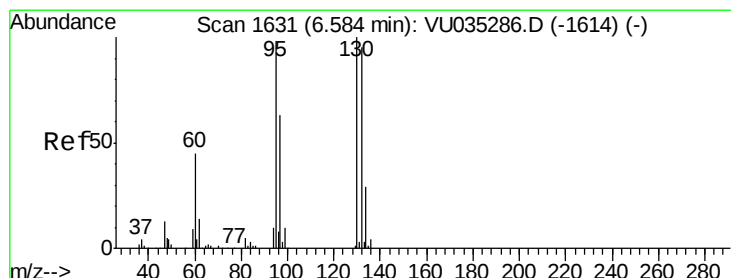
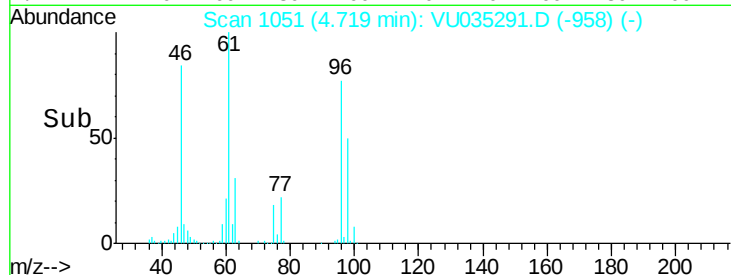
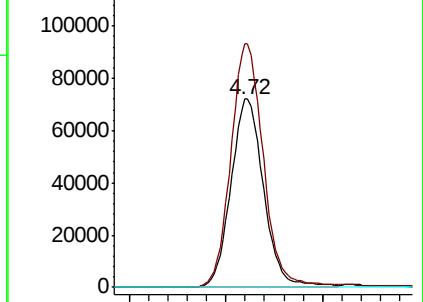
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035291.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU035291.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU035291.D (-958) (-)



#34

Trichloroethene

Concen: 0.287 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU035291.D

Acq: 19 Oct 2019 01:48

Tgt Ion: 95 Resp: 7405

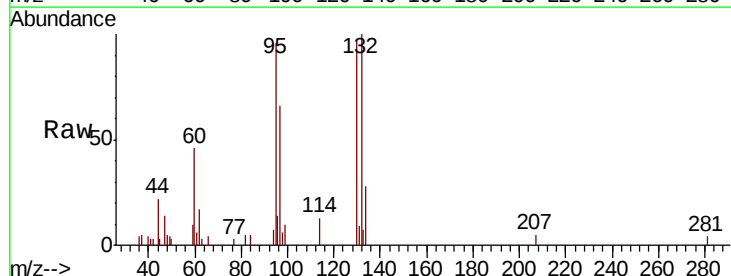
Ion Ratio Lower Upper

95 100

97 69.0 46.6 86.6

132 104.0 68.7 127.7

130 100.5 73.9 137.3



Abundance Ion 95.00 (94.70 to 95.70): VU035291.D (-1538) (-)

Ion 96.95 (96.65 to 97.65): VU035291.D (-1538) (-)

Ion 131.95 (131.65 to 132.65): VU035291.D (-1538) (-)

Ion 129.95 (129.65 to 130.65): VU035291.D (-1538) (-)

