

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
 Data File : VU035284.D
 Acq On : 18 Oct 2019 22:17
 Operator : JC/SP
 Sample : K5419-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 00:06:58 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	320476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	315572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	112355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	110722	5.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	1.93	69	93921	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.60	63	147692	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.71	46	281026	50.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.08%
24) Chloroform-d	5.11	84	195747	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.75	65	110207	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.77	84	394341	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.74	67	124526	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.93	98	365054	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	8.22	79	54135	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.69	63	230924	47.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	104991	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.23	152	110749	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

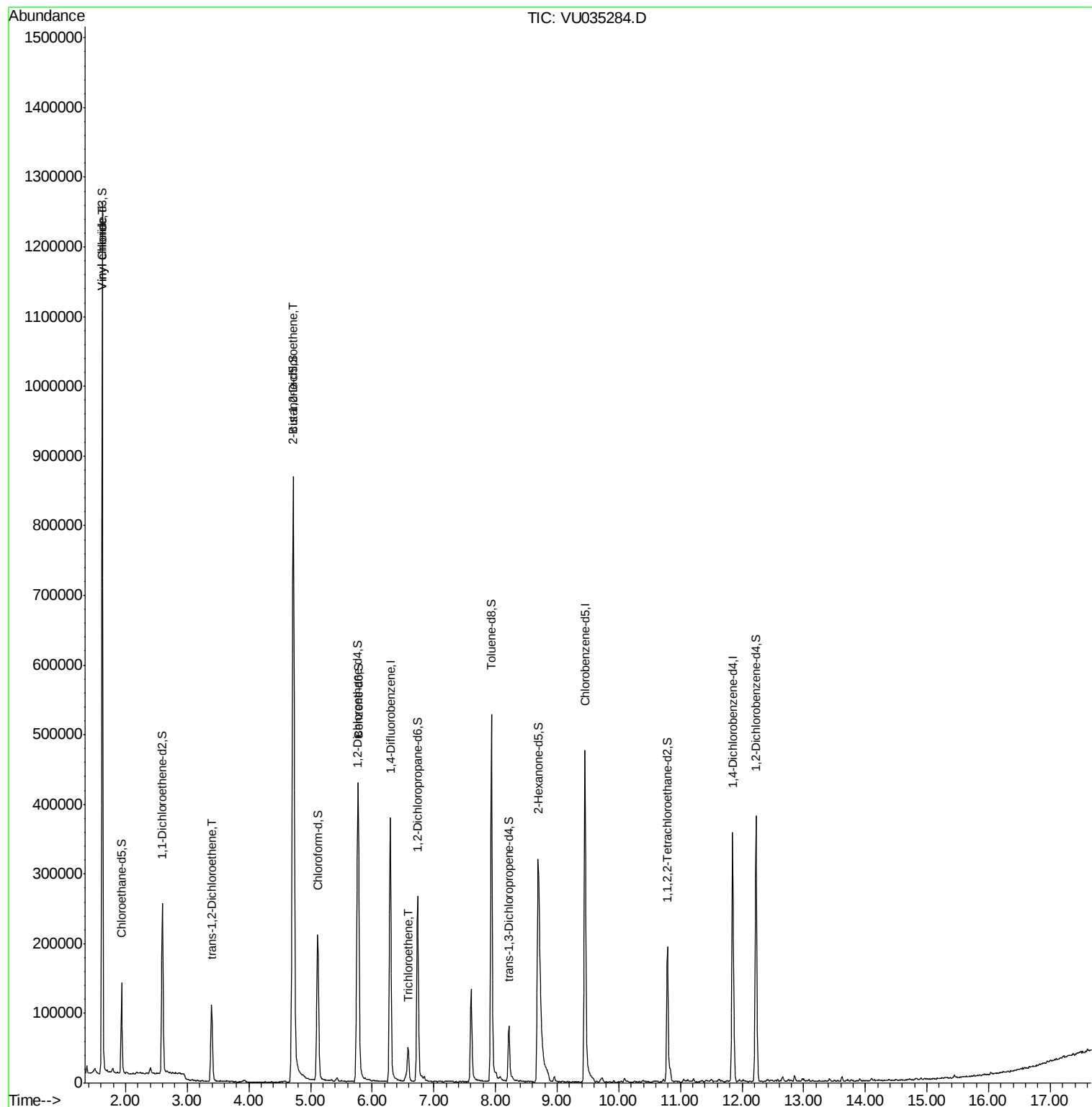
					Qvalue
5) Vinyl chloride	1.62	62	770918	27.744 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	47731	2.148 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	405436	16.509 ug/L	99
34) Trichloroethene	6.58	95	16919	0.678 ug/L	94

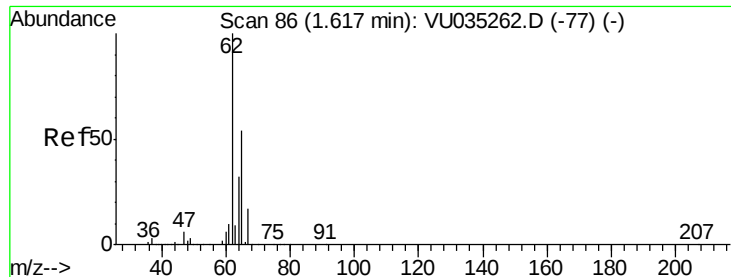
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 27.744 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

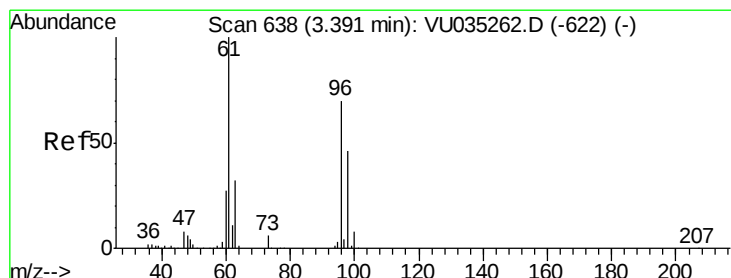
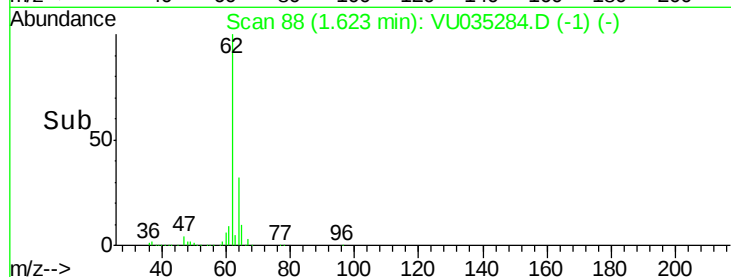
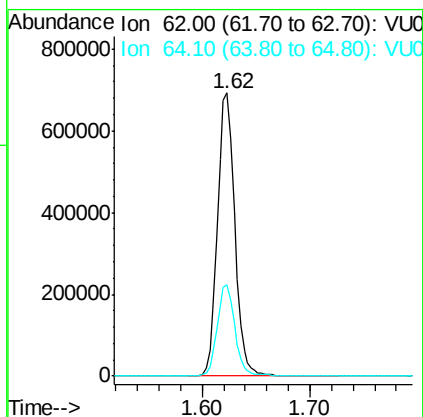
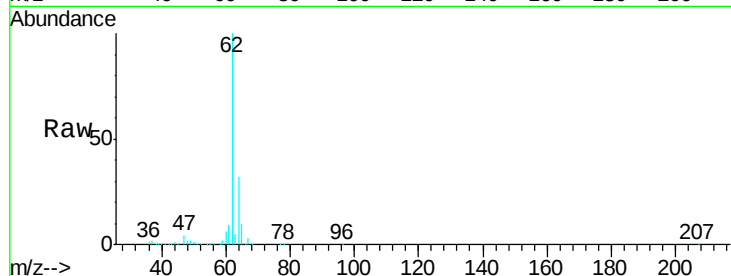
ClientSampleId :

Tgt Ion: 62 Resp: 770918

Ion Ratio Lower Upper

62 100

64 32.1 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 2.148 ug/L

RT: 3.39 min Scan# 639

Delta R.T. 0.00 min

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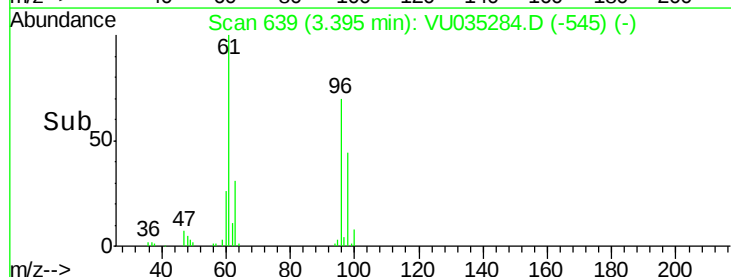
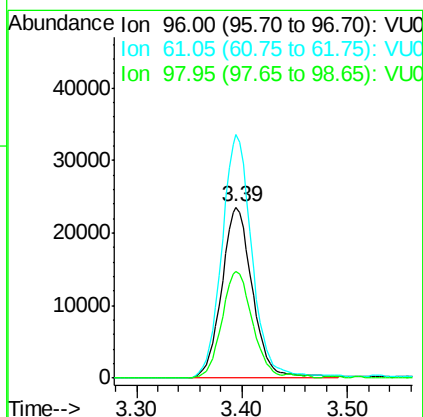
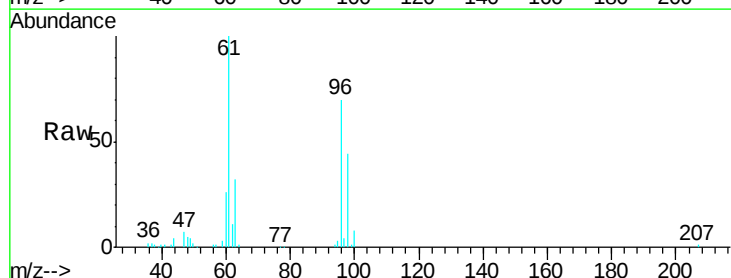
Tgt Ion: 96 Resp: 47731

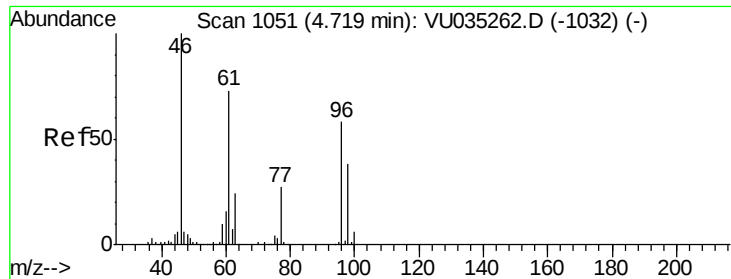
Ion Ratio Lower Upper

96 100

61 142.2 93.0 172.6

98 62.4 43.7 81.1

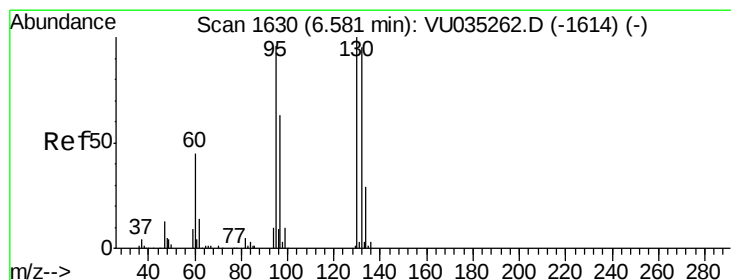
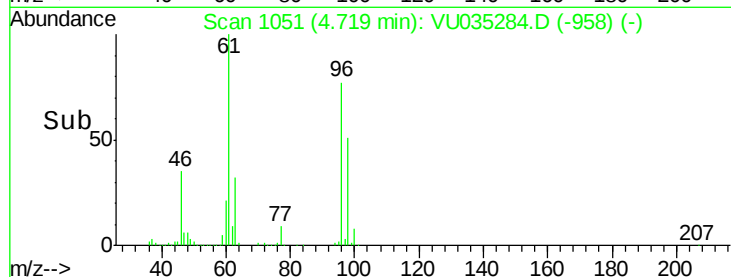
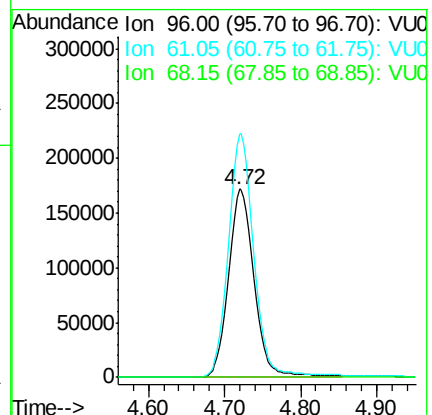
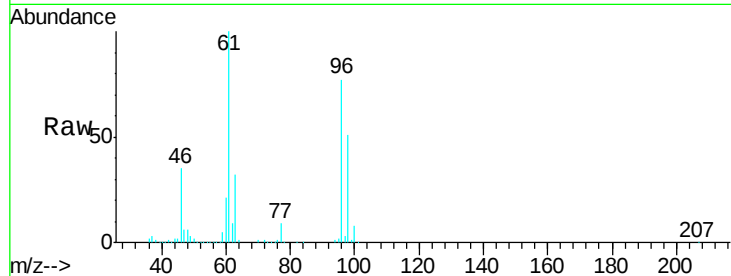




#22
 cis-1,2-Dichloroethene
 Concen: 16.509 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. -0.00 min
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Instrument :
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 ClientSampleId :

Tgt Ion: 96 Resp: 405436
 Ion Ratio Lower Upper
 96 100
 61 129.2 89.7 166.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.678 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VU035284.D
 Acq: 18 Oct 2019 22:17

Tgt Ion: 95 Resp: 16919
 Ion Ratio Lower Upper
 95 100
 97 60.9 46.6 86.6
 132 101.3 68.7 127.7
 130 98.1 73.9 137.3

