

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033299.D
 Acq On : 17 Jul 2019 18:48
 Operator : JC/SP
 Sample : K3772-04DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52M4DL

Quant Time: Jul 18 09:27:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	121970	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	127497	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	53924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48236	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.67	69	44576	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.26	63	79437	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.16	46	107073	46.26	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.52%
24) Chloroform-d	4.62	84	79960	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.29	65	47644	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.32	84	160418	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.31	67	53452	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.55	98	136999	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.84	79	19334	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.30	63	82043	44.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.24%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	44606	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	53993	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

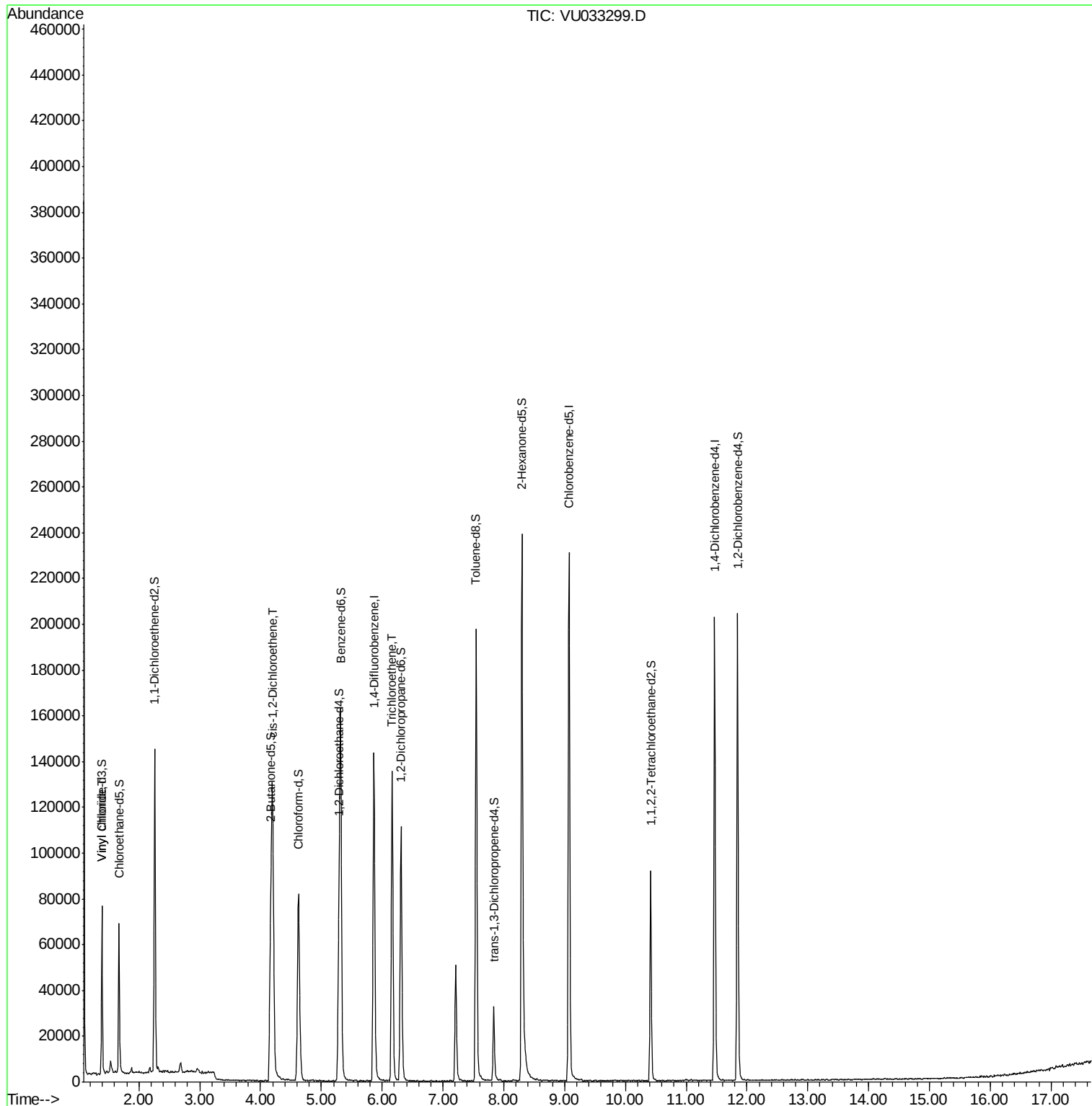
					Ovalue
5) Vinyl chloride	1.40	62	1512	0.115 ug/L	# 49
22) cis-1,2-Dichloroethene	4.20	96	62391	6.669 ug/L	98
34) Trichloroethene	6.16	95	47010	4.920 ug/L	98

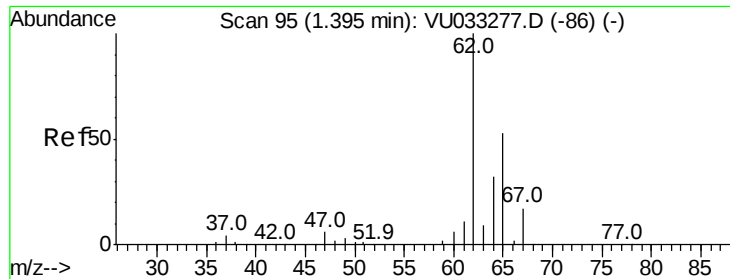
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.115 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

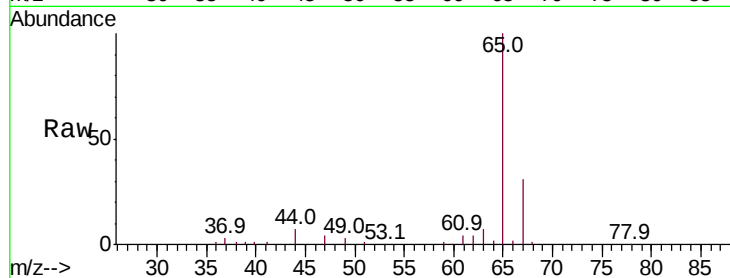
A52M4DL

Tot Ion: 62 Resp: 1512

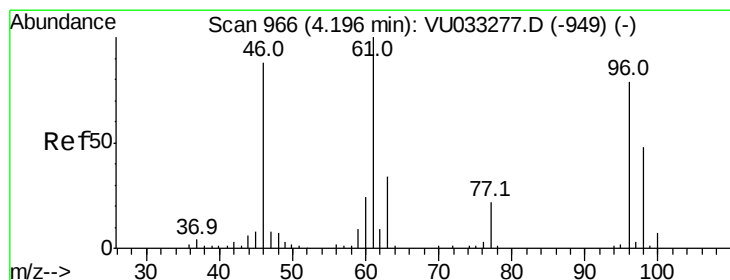
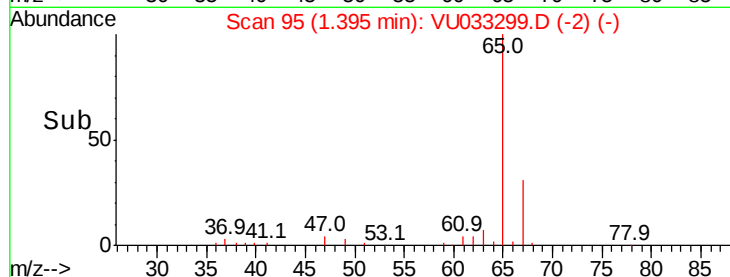
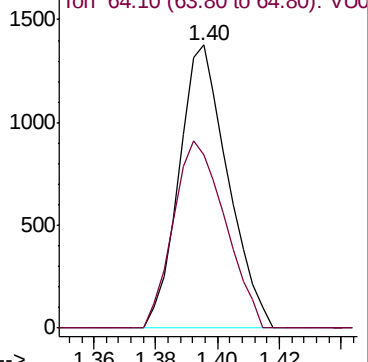
Ion Ratio Lower Upper

62 100

64 61.4 22.8 42.4#



Abundance Ion 62.00 (61.70 to 62.70): VU033277.D (-86) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.669 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033299.D

Acq: 17 Jul 2019 18:48

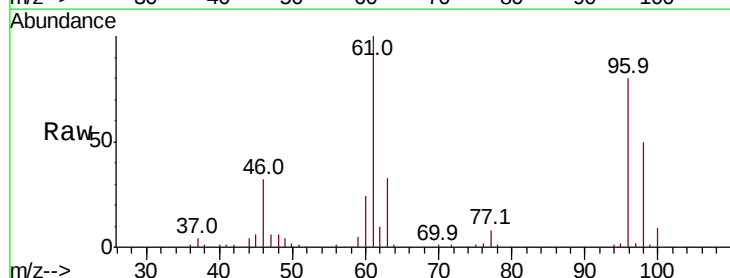
Tgt Ion: 96 Resp: 62391

Ion Ratio Lower Upper

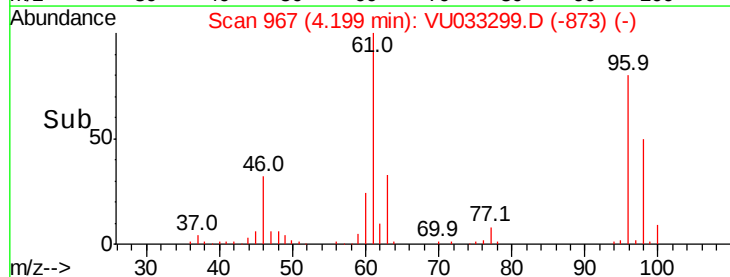
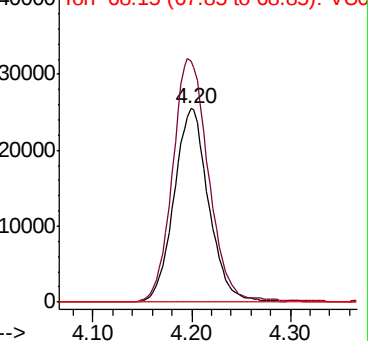
96 100

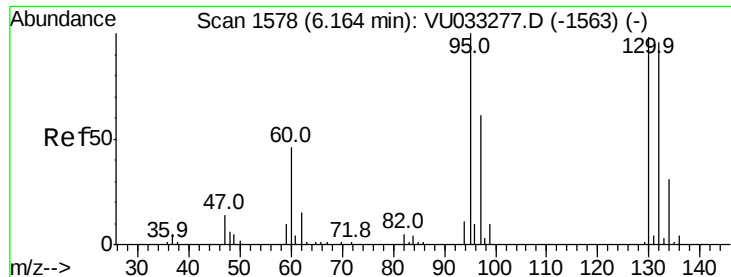
61 124.8 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033277.D (-949) (-)





#34

Trichloroethene

Concen: 4.920 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033299.D

Acq: 17 Jul 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

A52M4DL

Tot Ion: 95 Resp: 47010

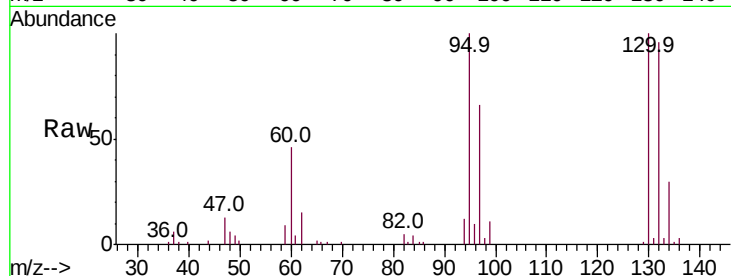
Ion Ratio Lower Upper

95 100

97 66.4 44.5 82.7

132 96.1 66.6 123.8

130 100.3 68.9 127.9



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

