

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU021619\
 Data File : VU029504.D
 Acq On : 15 Feb 2019 18:31
 Operator : JC/SP
 Sample : K1438-13DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXD6DL

Quant Time: Feb 20 04:53:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 00:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	192524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60007	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.68	69	59932	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.27	63	101814	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.20	46	133745	49.73	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	4.65	84	98760	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	55485	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.34	84	222563	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	65372	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.56	98	223182	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.85	79	27182	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.31	63	140406	51.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	55959	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	97835	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

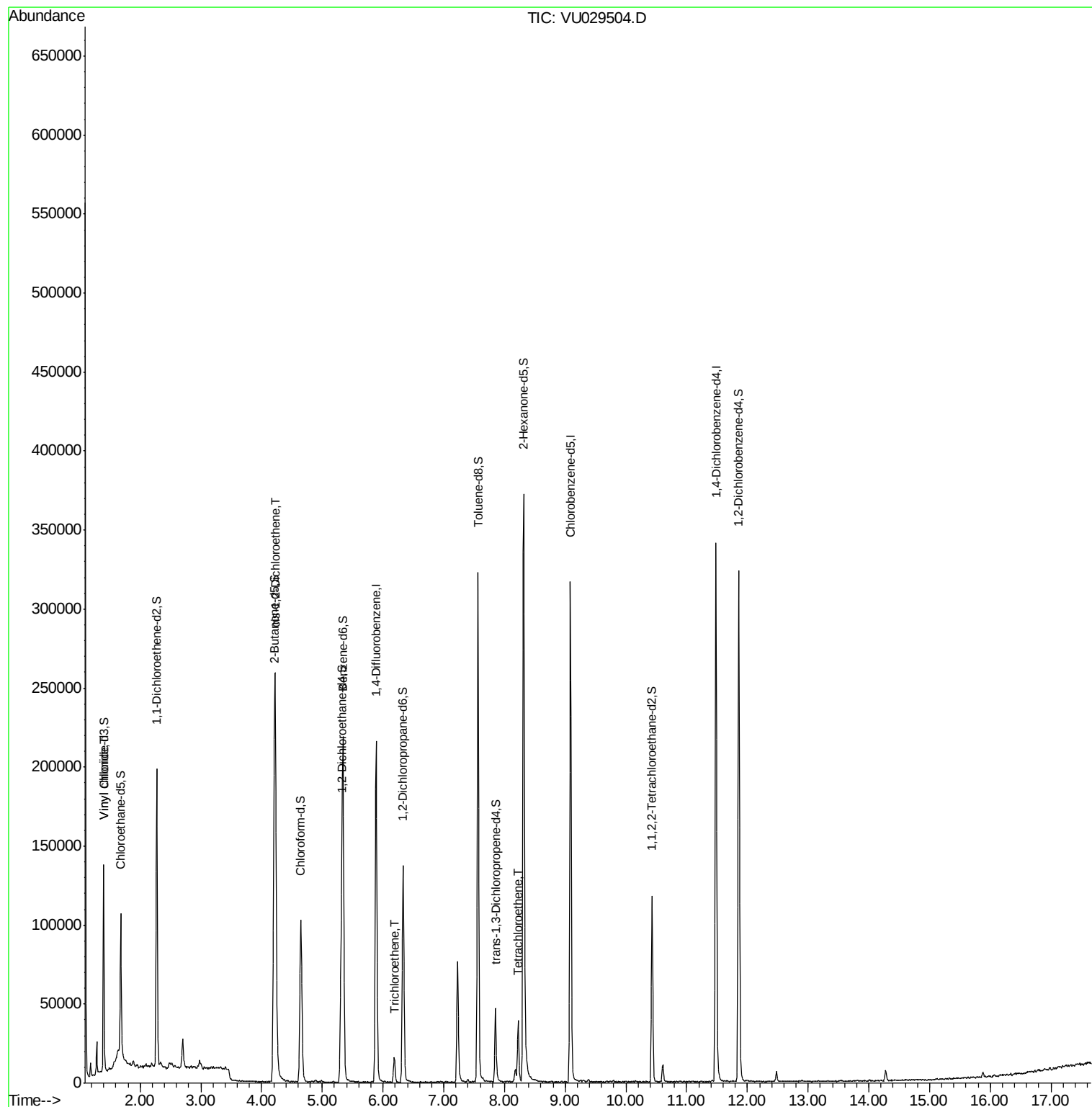
					Ovalue
5) Vinyl chloride	1.40	62	31668	1.708 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	123792	7.966 ug/L	99
34) Trichloroethene	6.19	95	5510	0.356 ug/L	95
47) Tetrachloroethene	8.22	164	9659	0.681 ug/L	96

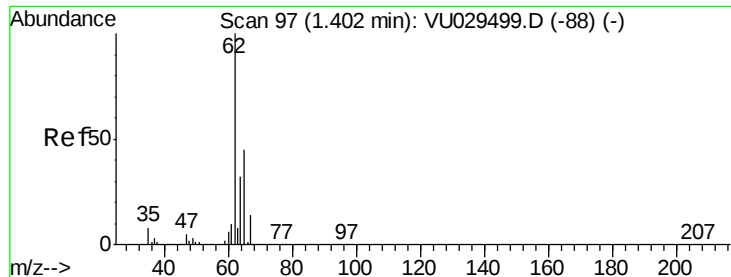
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.708 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

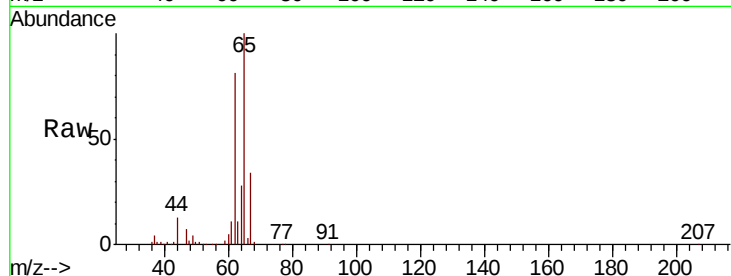
ESXD6DL

Tot Ion: 62 Resp: 31668

Ion Ratio Lower Upper

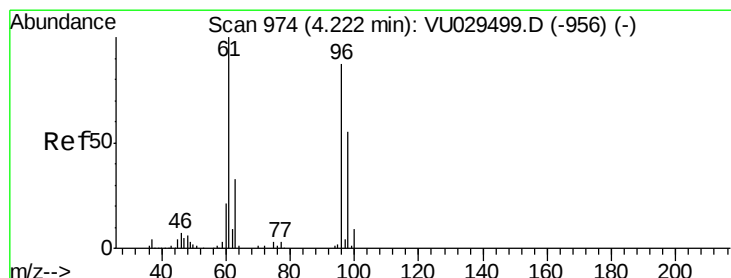
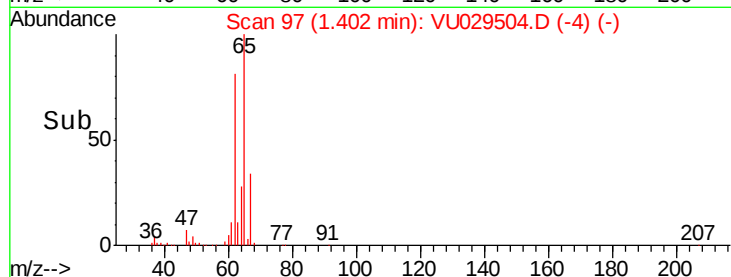
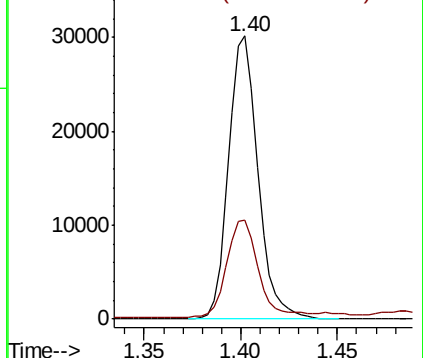
62 100

64 35.2 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 7.966 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029504.D

Acq: 15 Feb 2019 18:31

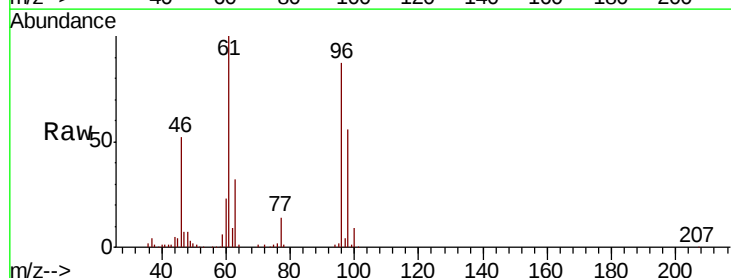
Tgt Ion: 96 Resp: 123792

Ion Ratio Lower Upper

96 100

61 114.8 79.9 148.5

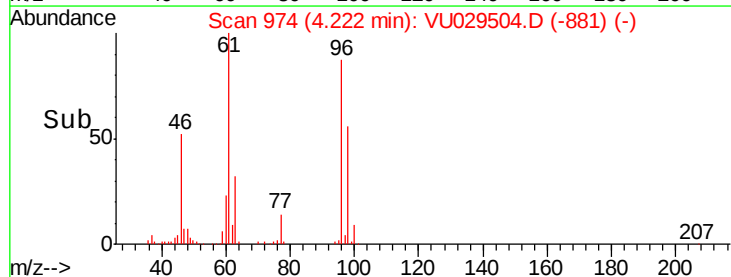
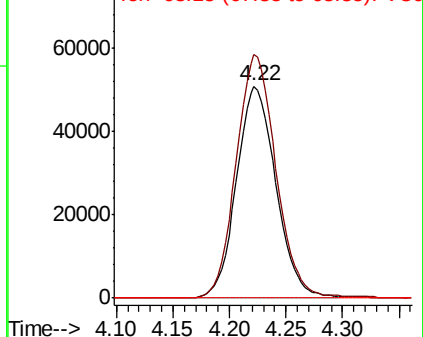
68 0.0 0.0 0.0

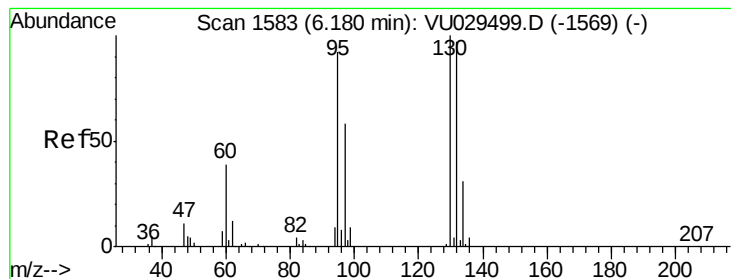


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 0.356 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU029504.D

Acq: 15 Feb 2019 18:31

Instrument :

MSVOA_U

ClientSampleId :

ESXD6DL

Tot Ion: 95 Resp: 5510

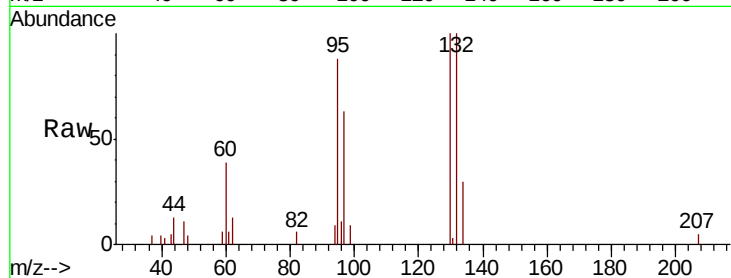
Ion Ratio Lower Upper

95 100

97 70.9 46.3 86.1

132 113.1 72.9 135.3

130 112.9 79.2 147.0

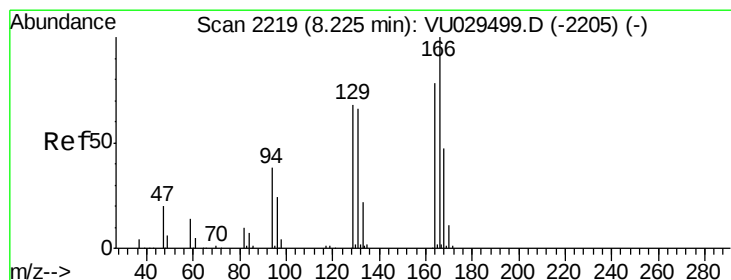
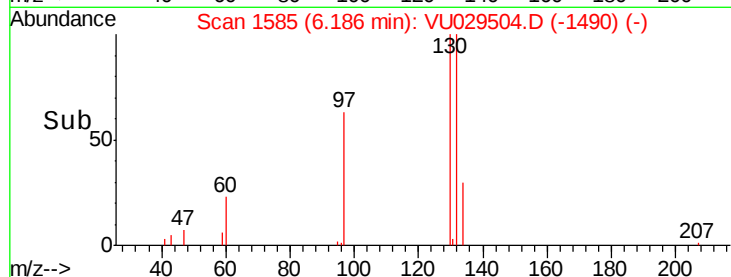
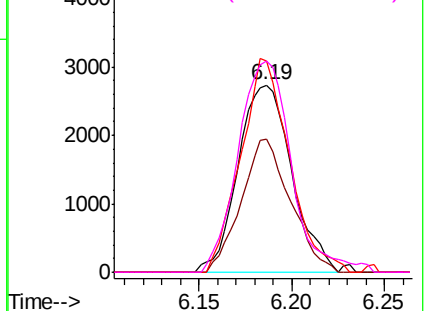


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#47

Tetrachloroethene

Concen: 0.681 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029504.D

Acq: 15 Feb 2019 18:31

Tgt Ion: 164 Resp: 9659

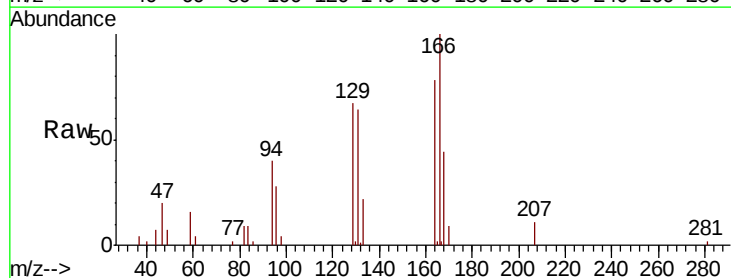
Ion Ratio Lower Upper

164 100

129 85.8 62.9 116.9

131 81.4 62.1 115.3

166 127.8 89.8 166.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

