

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029560.D
 Acq On : 19 Feb 2019 17:15
 Operator : JC/SP
 Sample : K1488-10 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE6

Quant Time: Feb 22 11:34:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 20 00:07:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	217867	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213291	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54283	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.68	69	52831	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.27	63	87336	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.19	46	158648	52.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	4.64	84	96061	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	57819	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.34	84	216524	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	68829	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.56	98	204035	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.85	79	26296	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.31	63	154882	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61246	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	94576	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

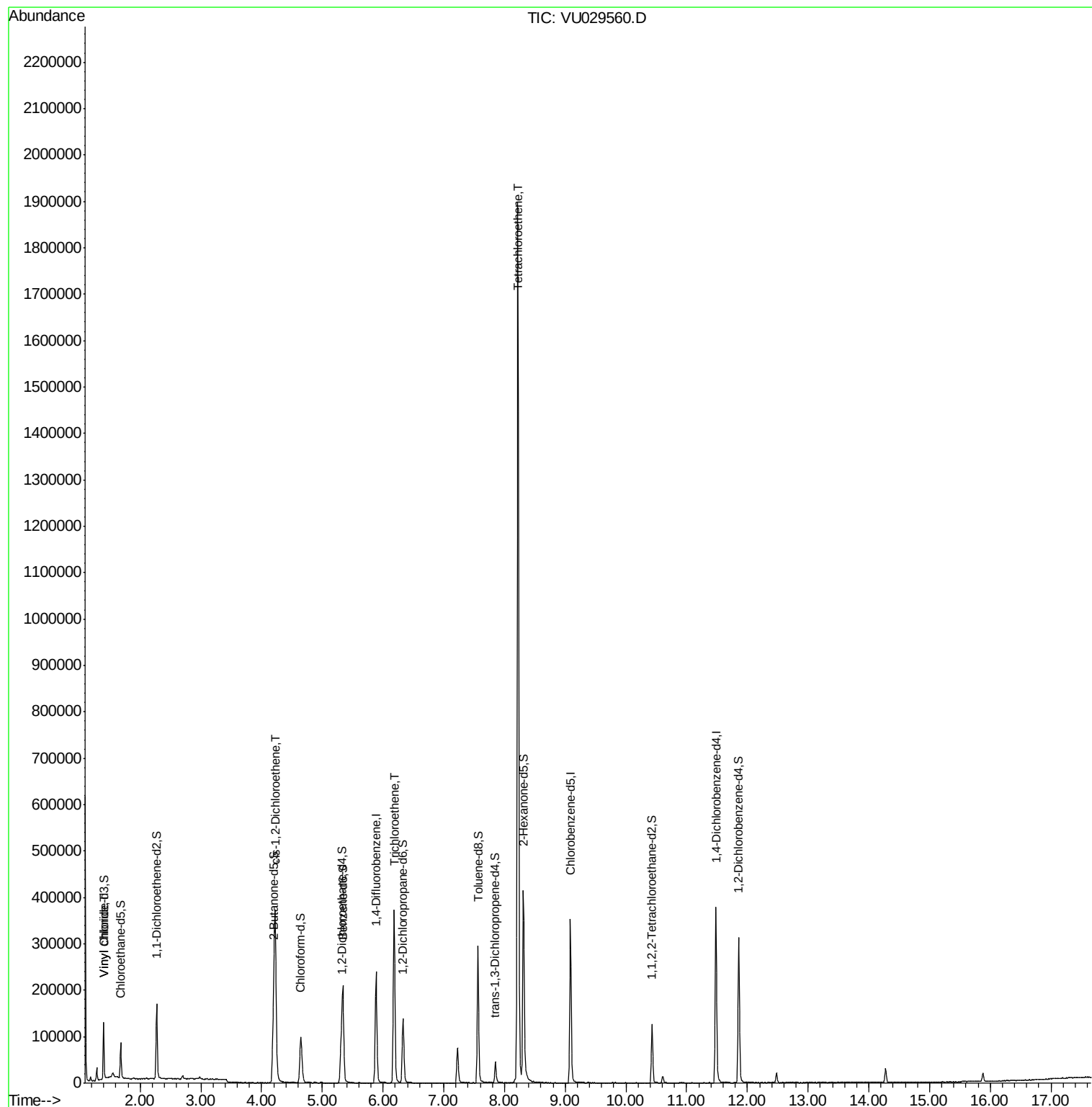
					Ovalue
5) Vinyl chloride	1.40	62	28093	1.339	ug/L 86
22) cis-1,2-Dichloroethene	4.22	96	202827	11.533	ug/L 94
34) Trichloroethene	6.18	95	128234	7.264	ug/L 97
47) Tetrachloroethene	8.22	164	457991	28.325	ug/L 99

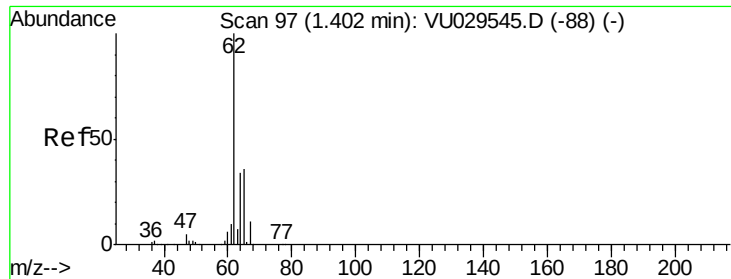
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.339 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

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Acq: 19 Feb 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

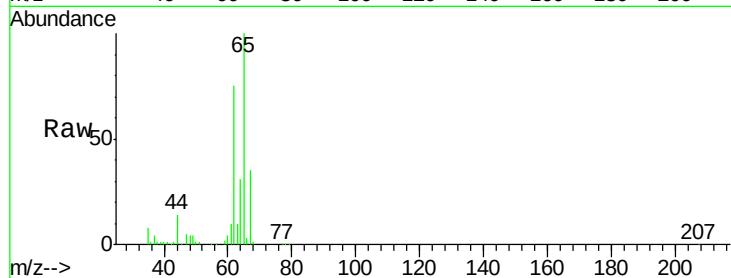
ESXE6

Tot Ion: 62 Resp: 28093

Ion Ratio Lower Upper

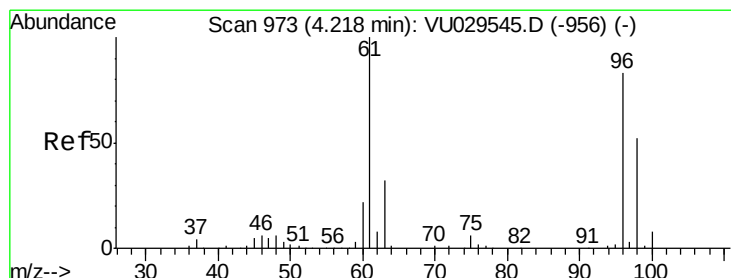
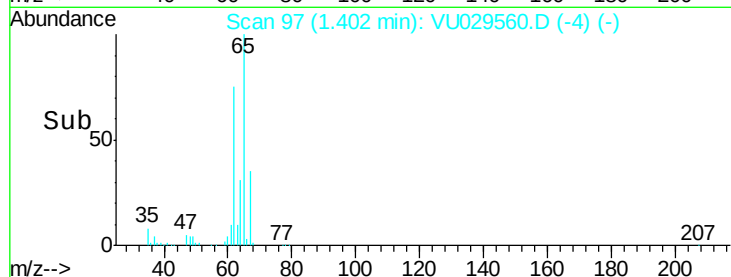
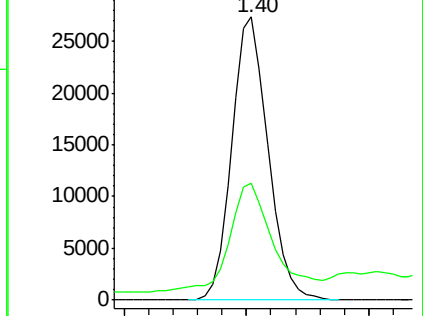
62 100

64 41.4 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: 11.533 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

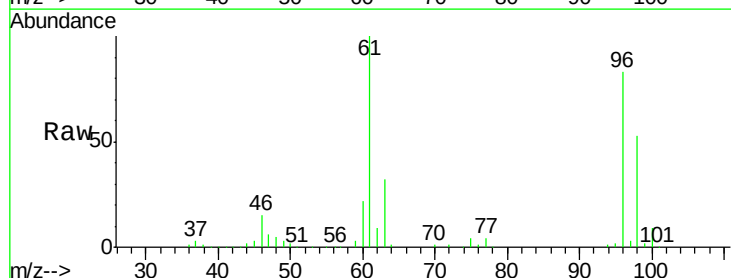
Tgt Ion: 96 Resp: 202827

Ion Ratio Lower Upper

96 100

61 120.3 79.9 148.5

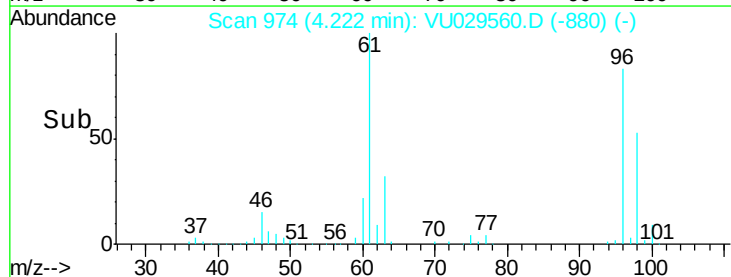
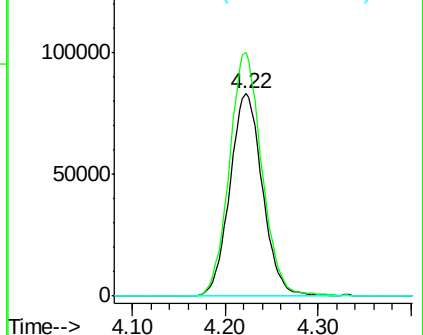
68 0.0 0.0 0.0

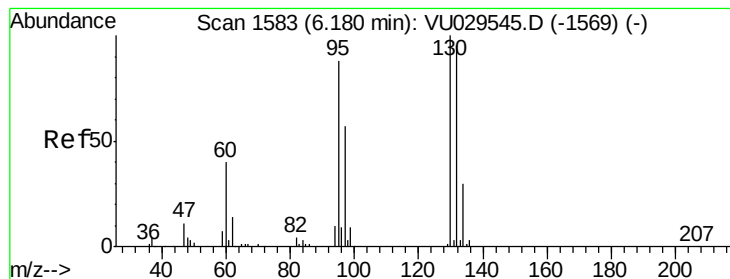


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 7.264 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

Instrument :

MSVOA_U

ClientSampled :

ESXE6

Tot Ion: 95 Resp: 128234

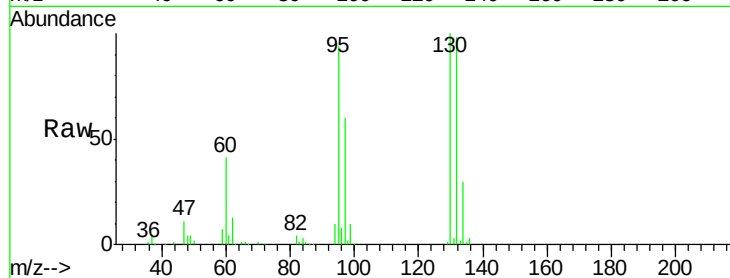
Ion Ratio Lower Upper

95 100

97 63.3 46.3 86.1

132 104.0 72.9 135.3

130 106.3 79.2 147.0

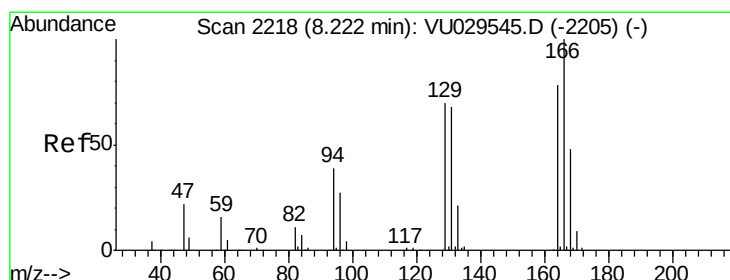
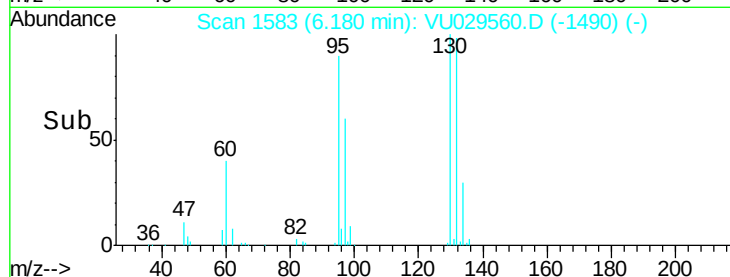
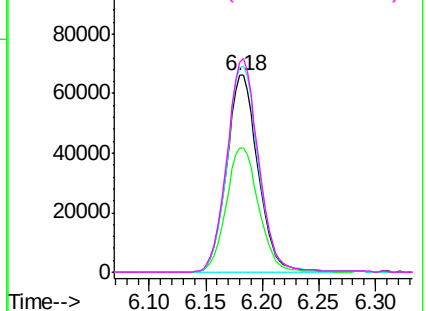


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 28.325 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU029560.D

Acq: 19 Feb 2019 17:15

Tgt Ion:164 Resp: 457991

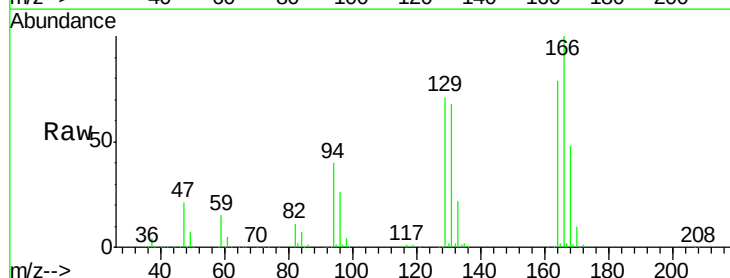
Ion Ratio Lower Upper

164 100

129 90.6 62.9 116.9

131 86.8 62.1 115.3

166 127.3 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

