

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029561.D
 Acq On : 19 Feb 2019 17:39
 Operator : JC/SP
 Sample : K1488-13 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXE9

Quant Time: Feb 22 11:35:08 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	210345	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108635	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56068	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.68	69	53113	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.27	63	90398	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.19	46	157640	53.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.30%
24) Chloroform-d	4.65	84	89486	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.31	65	57344	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.34	84	224383	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.33	67	70974	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.56	98	214697	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.85	79	26892	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.31	63	152740	51.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62469	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	96409	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

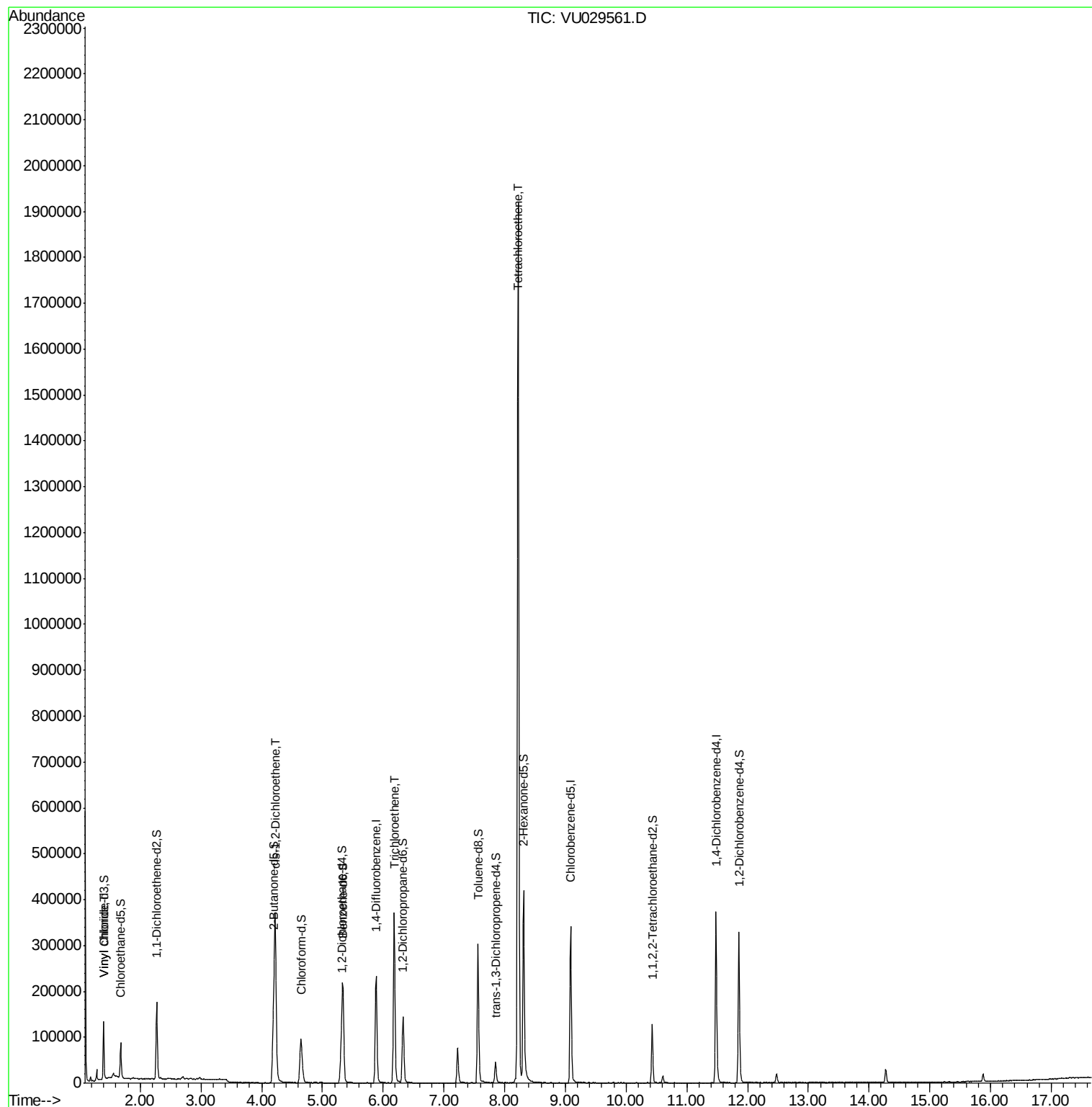
					Ovalue
5) Vinyl chloride	1.40	62	27905	1.378	ug/L 92
22) cis-1,2-Dichloroethene	4.22	96	200167	11.789	ug/L 97
34) Trichloroethene	6.18	95	127073	7.567	ug/L 96
47) Tetrachloroethene	8.22	164	461055	29.974	ug/L 99

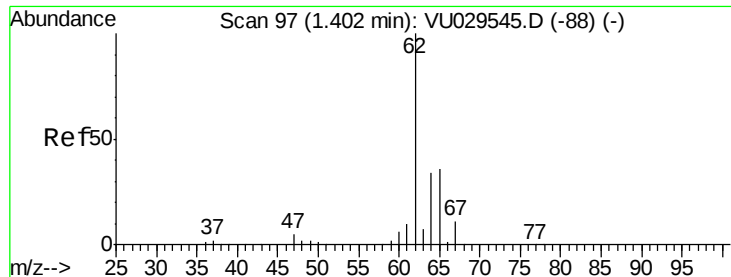
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.378 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029561.D

Acq: 19 Feb 2019 17:39

Instrument :

MSVOA_U

ClientSampled :

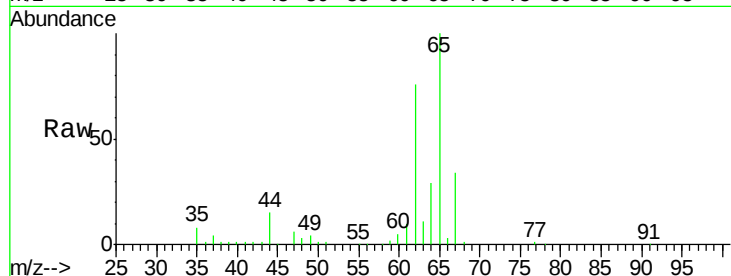
ESXE9

Tot Ion: 62 Resp: 27905

Ion Ratio Lower Upper

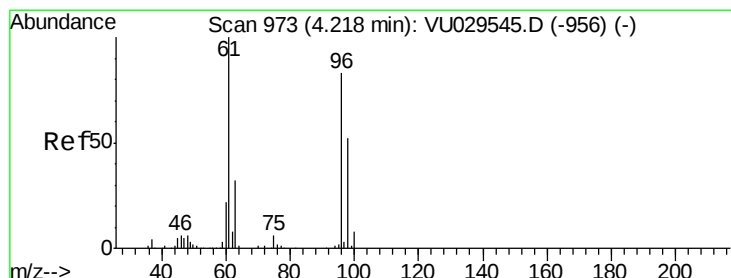
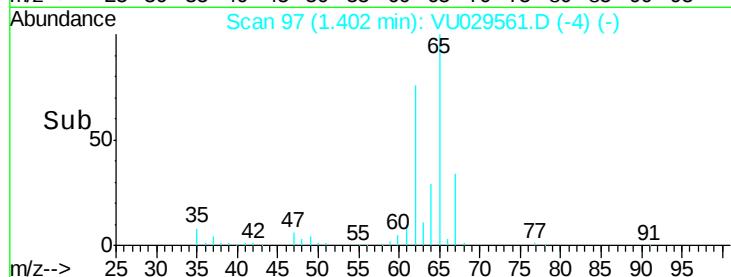
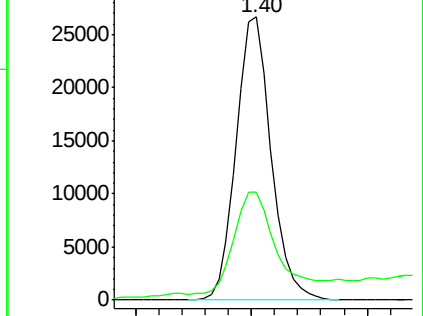
62 100

64 38.0 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: 11.789 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029561.D

Acq: 19 Feb 2019 17:39

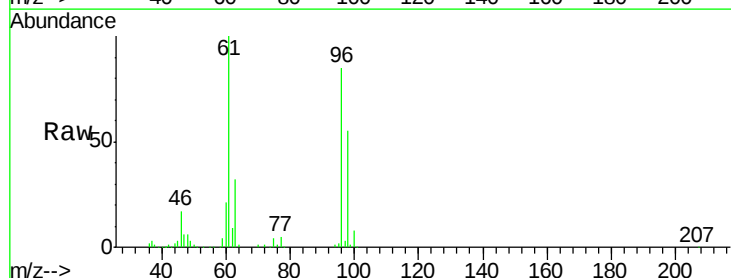
Tgt Ion: 96 Resp: 200167

Ion Ratio Lower Upper

96 100

61 117.6 79.9 148.5

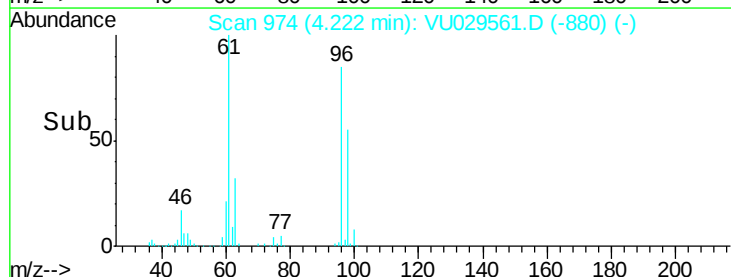
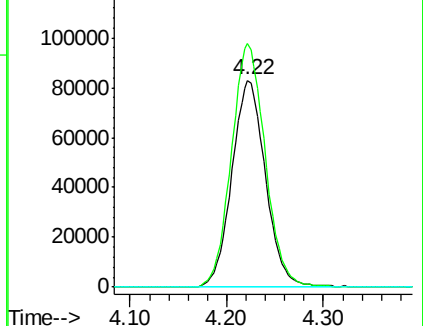
68 0.0 0.0 0.0

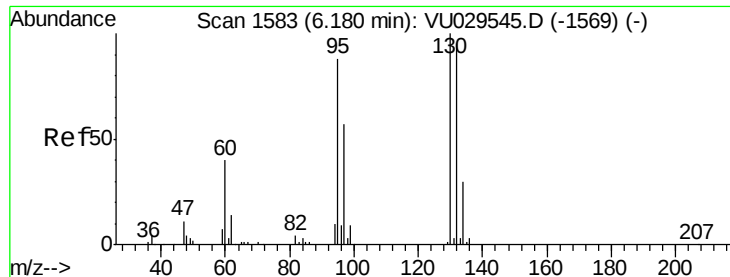


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 7.567 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029561.D

Acq: 19 Feb 2019 17:39

Instrument :

MSVOA_U

ClientSampleId :

ESXE9

Tot Ion: 95 Resp: 127073

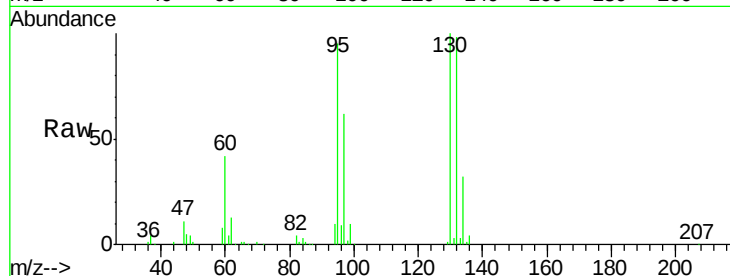
Ion Ratio Lower Upper

95 100

97 64.7 46.3 86.1

132 102.8 72.9 135.3

130 105.0 79.2 147.0

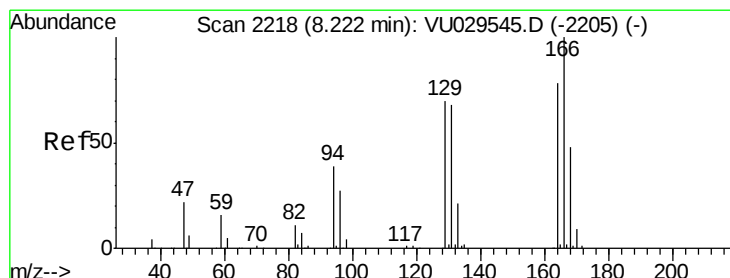
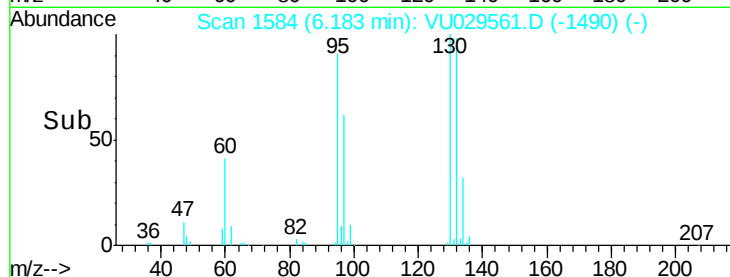
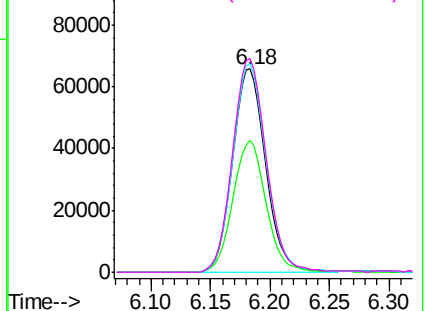


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 29.974 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029561.D

Acq: 19 Feb 2019 17:39

Tgt Ion: 164 Resp: 461055

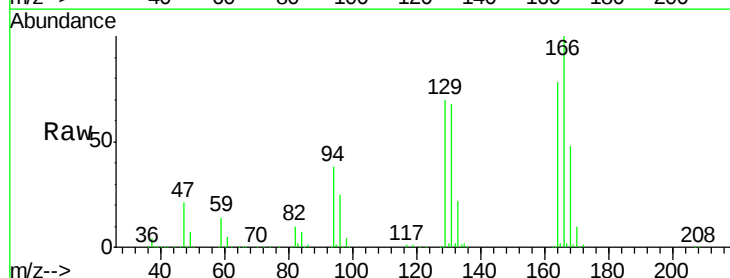
Ion Ratio Lower Upper

164 100

129 89.5 62.9 116.9

131 87.1 62.1 115.3

166 128.8 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

