

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022019\
 Data File : VU029578.D
 Acq On : 20 Feb 2019 14:15
 Operator : JC/SP
 Sample : K1488-14DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXF0DL

Quant Time: Feb 25 02:47:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 21 04:23:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51556	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.68	69	49350	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.27	63	84489	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.19	46	167167	59.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.60%
24) Chloroform-d	4.64	84	95426	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.31	65	60161	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.34	84	218420	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.33	67	70417	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.56	98	202133	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	25649	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.31	63	162994	56.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65413	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	93618	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

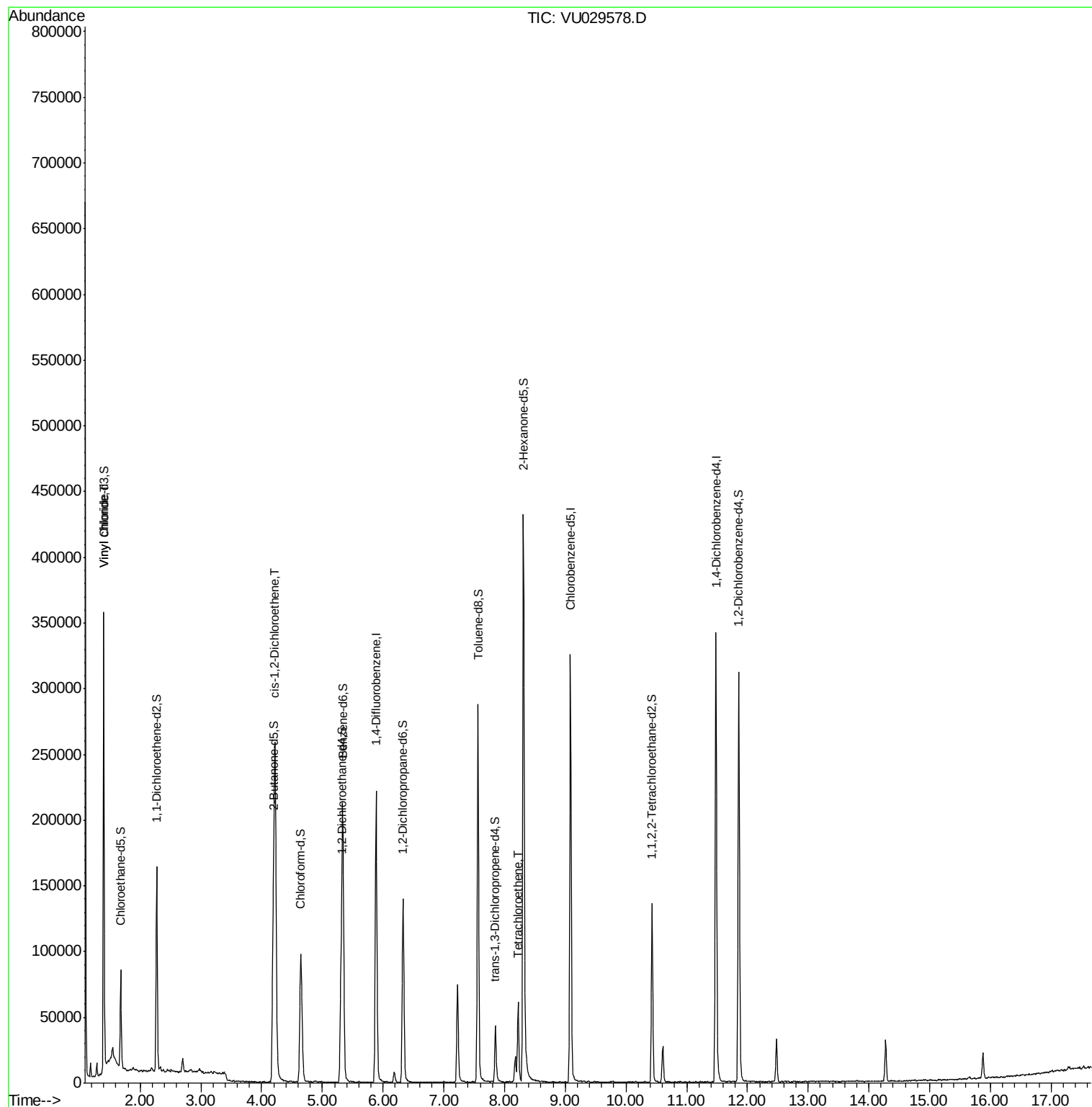
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	182401	9.465 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	134155	8.306 ug/L	97
47) Tetrachloroethene	8.22	164	14960	1.007 ug/L	97

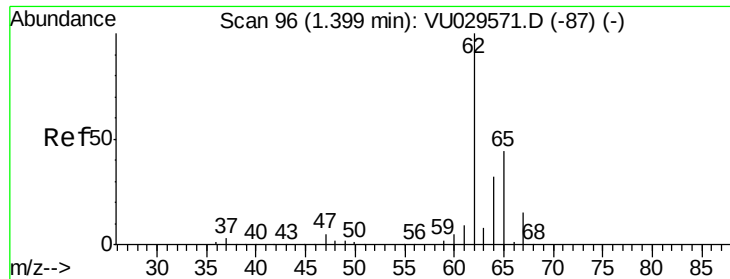
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.465 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

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Acq: 20 Feb 2019 14:15

Instrument :

MSVOA_U

ClientSampleId :

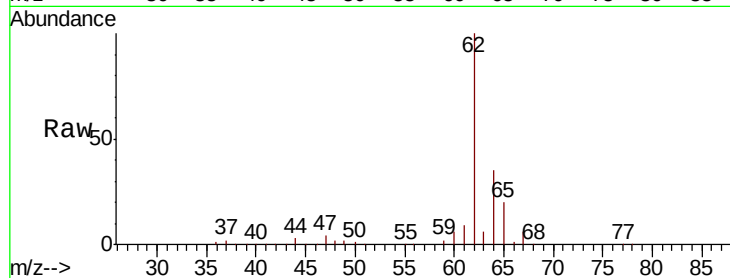
ESXF0DL

Tot Ion: 62 Resp: 182401

Ion Ratio Lower Upper

62 100

64 34.5 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.40

200000

150000

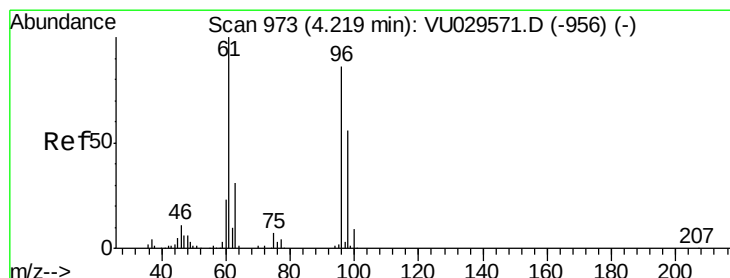
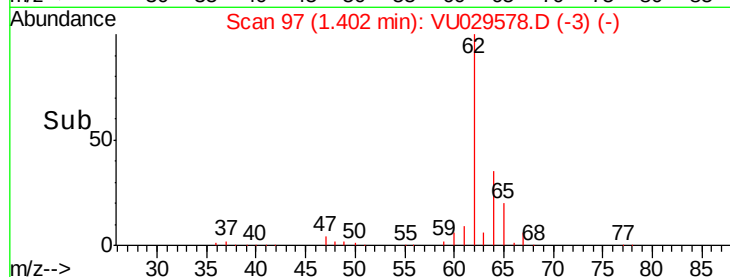
100000

50000

0

1.35 1.40 1.45 1.50

Time-->



#22

cis-1,2-Dichloroethene

Concen: 8.306 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

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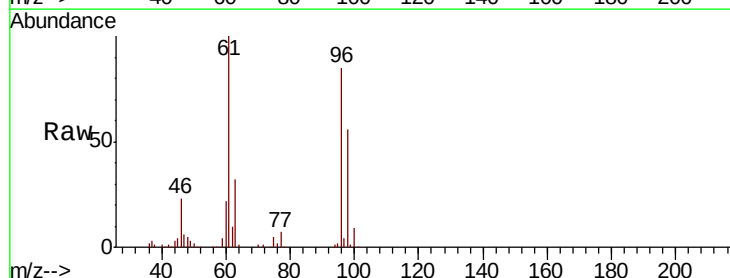
Tgt Ion: 96 Resp: 134155

Ion Ratio Lower Upper

96 100

61 117.7 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

80000

60000

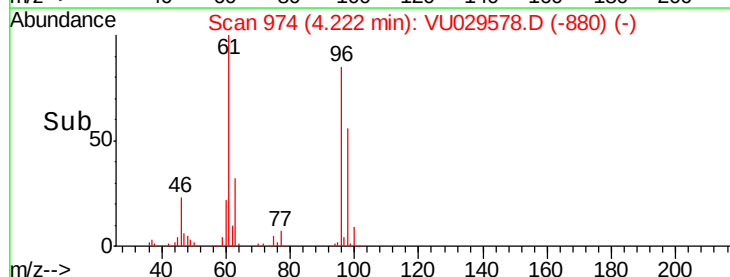
40000

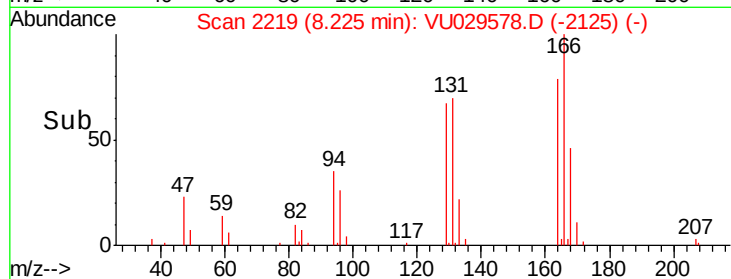
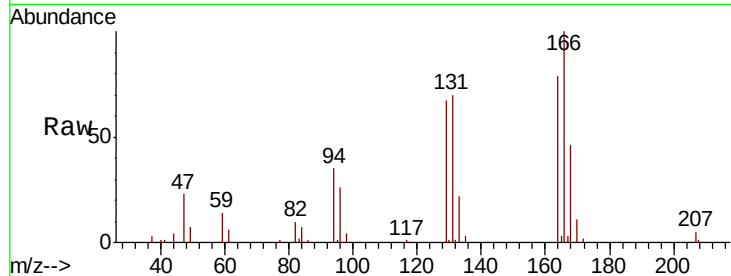
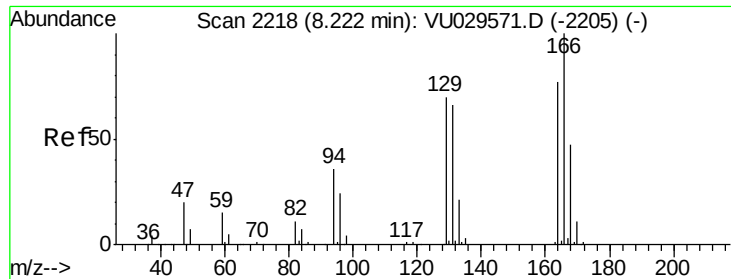
20000

0

4.10 4.20 4.30

Time-->





#47

Tetrachloroethene

Concen: 1.007 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

ESXF0DL

Tot Ion:164 Resp: 14960

Ion Ratio Lower Upper

164 100

129 84.9 62.9 116.9

131 87.9 62.1 115.3

166 126.3 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

