

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051219\
 Data File : VU031942.D
 Acq On : 12 May 2019 14:47
 Operator : JC/SP
 Sample : K2791-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D36

Quant Time: May 13 07:26:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 13 07:00:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	431522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	414625	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	112508	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.68	69	118335	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.27	63	163041	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.18	46	533580	46.47	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.94%
24) Chloroform-d	4.64	84	267420	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.31	65	156034	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.33	84	471061	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.33	67	183247	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.56	98	319466	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	7.85	79	51185	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.31	63	342760	49.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165500	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	122118	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

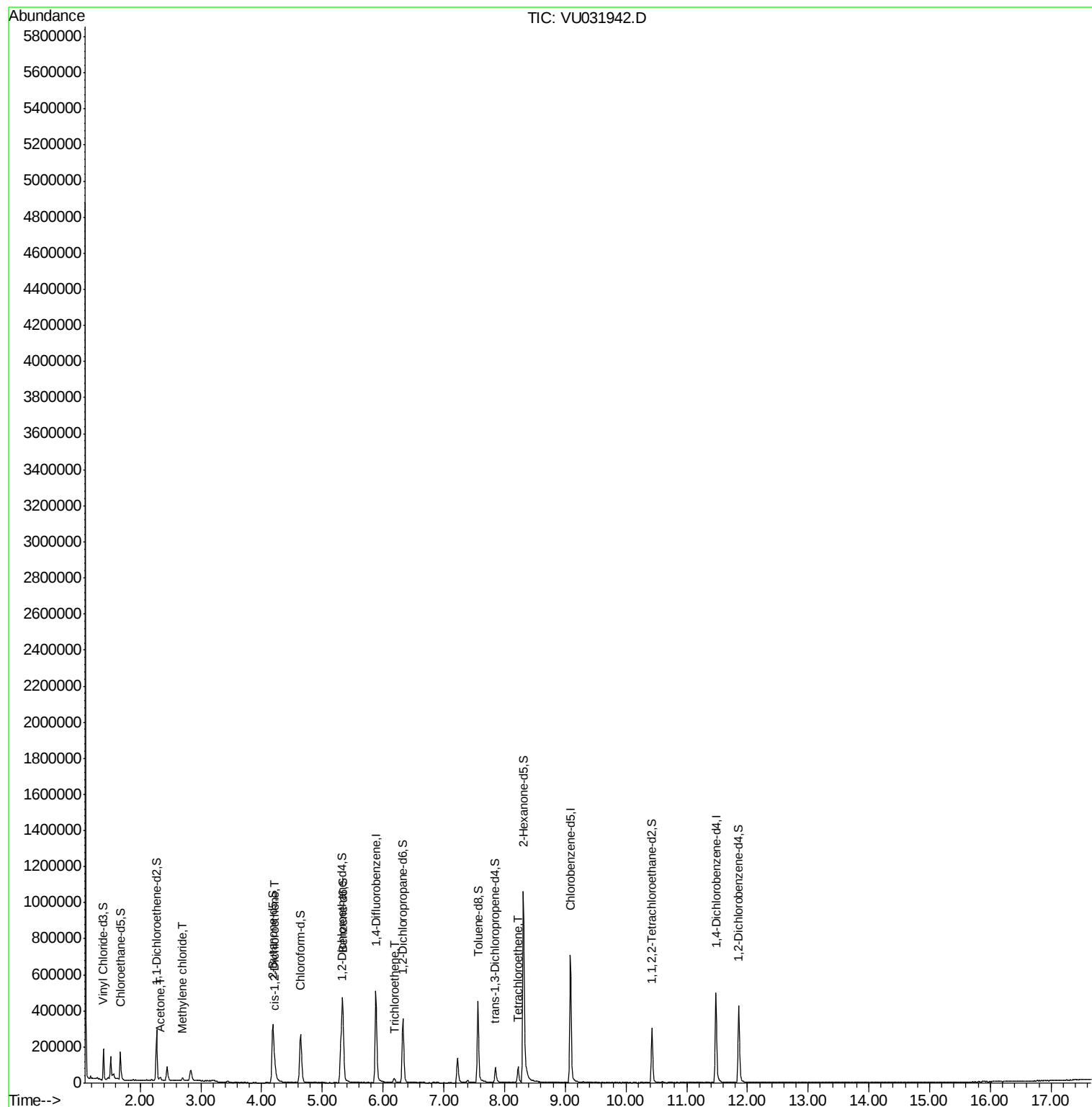
					Ovalue
13) Acetone	2.32	43	11536	1.471 ug/L	84
16) Methylene chloride	2.70	84	6047	0.149 ug/L	84
22) cis-1,2-Dichloroethene	4.22	96	10853	0.286 ug/L	85
34) Trichloroethene	6.18	95	8416	0.231 ug/L	88
47) Tetrachloroethene	8.22	164	20657	0.872 ug/L	94

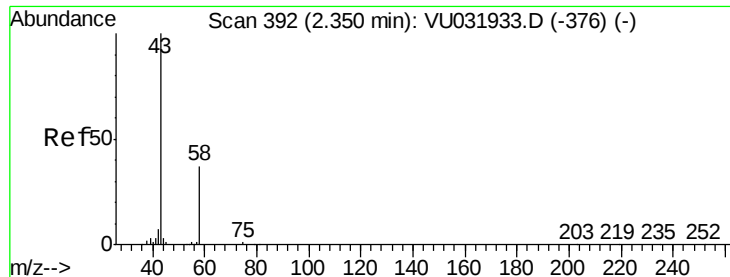
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.471 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.03 min

Lab File: VU031942.D

Acq: 12 May 2019 14:47

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MSVOA_U

ClientSampleId :

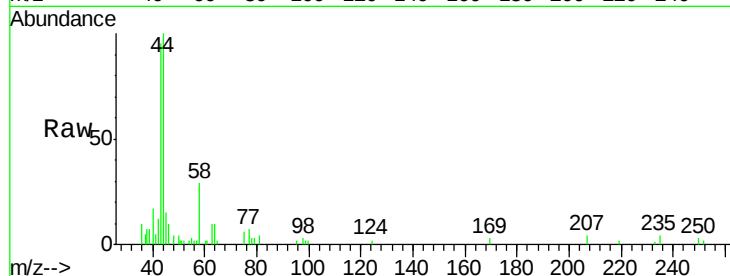
F9D36

Tot Ion: 43 Resp: 11536

Ion Ratio Lower Upper

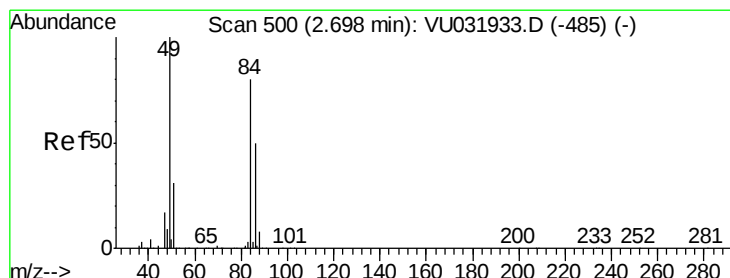
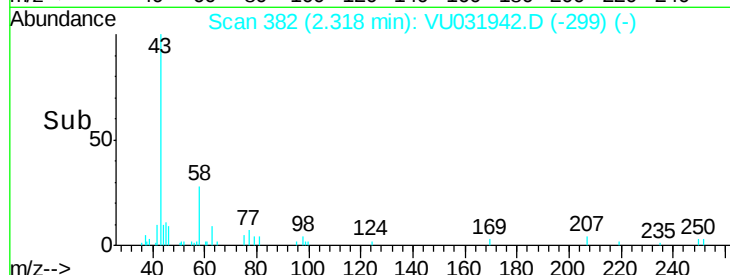
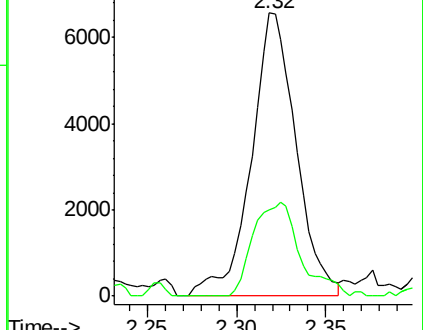
43 100

58 34.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU031933.D (-376) (-)



#16

Methylene chloride

Concen: 0.149 ug/L

RT: 2.70 min Scan# 500

Delta R.T. -0.00 min

Lab File: VU031942.D

Acq: 12 May 2019 14:47

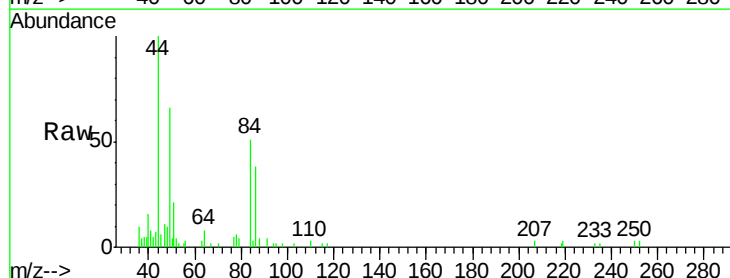
Tgt Ion: 84 Resp: 6047

Ion Ratio Lower Upper

84 100

86 74.2 45.6 84.8

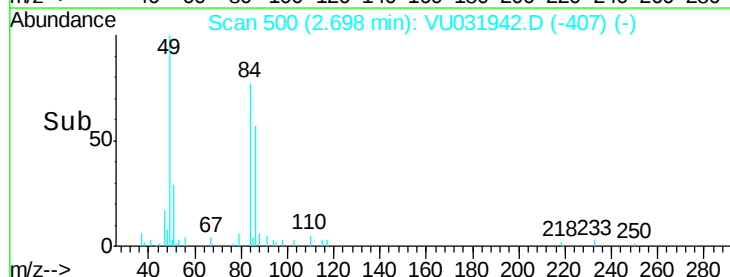
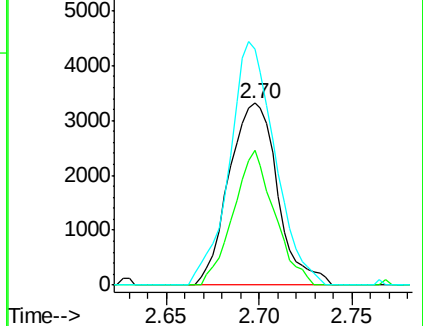
49 129.9 106.7 198.1

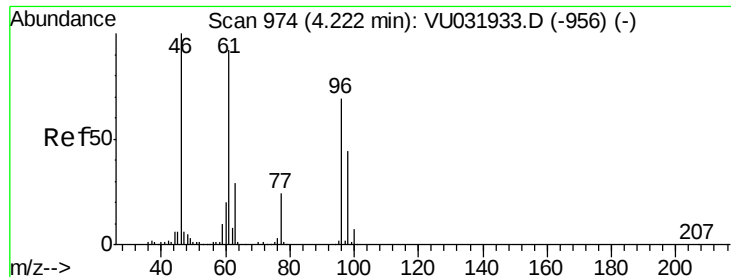


Abundance Ion 84.05 (83.75 to 84.75): VU031933.D (-485) (-)

Ion 86.00 (85.70 to 86.70): VU031933.D (-485) (-)

Ion 49.10 (48.80 to 49.80): VU031933.D (-485) (-)



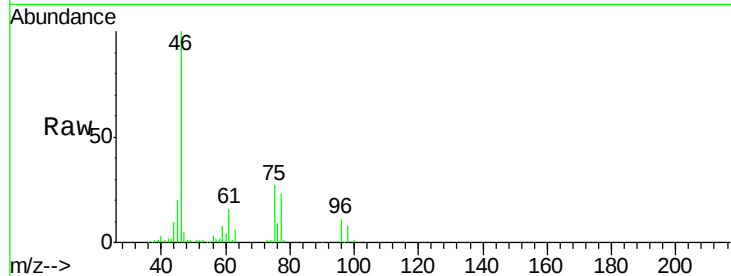


#22

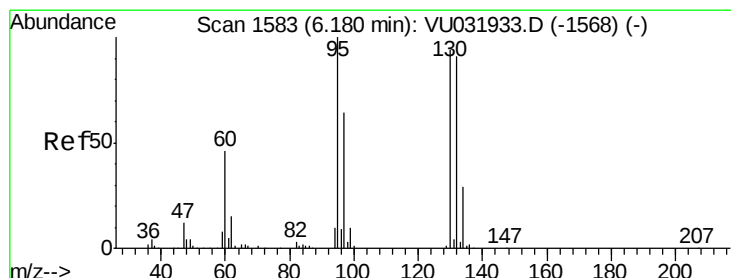
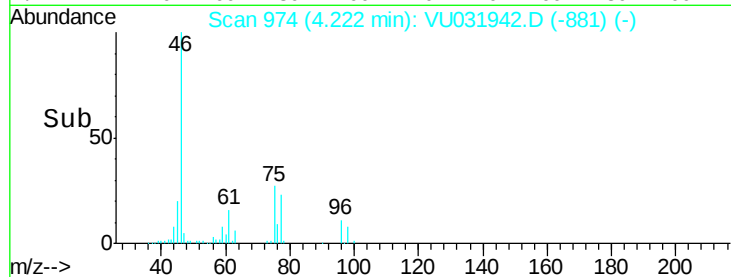
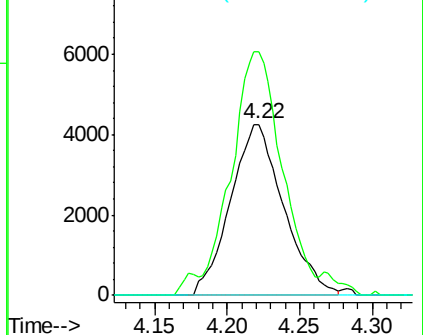
cis-1,2-Dichloroethene
Concen: 0.286 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU031942.D
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Tot Ion: 96 Resp: 10853
Ion Ratio Lower Upper
96 100
61 142.4 113.3 210.5
68 0.0 0.0 0.0



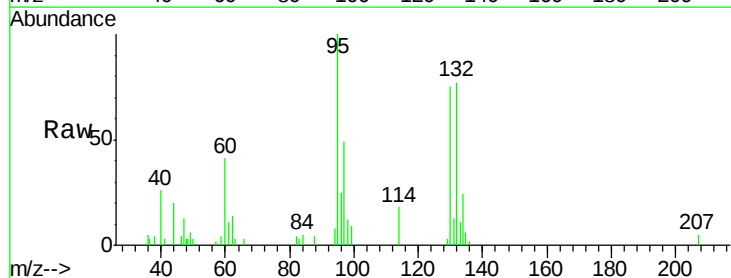
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



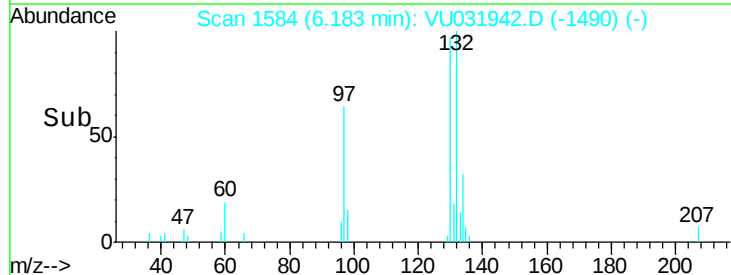
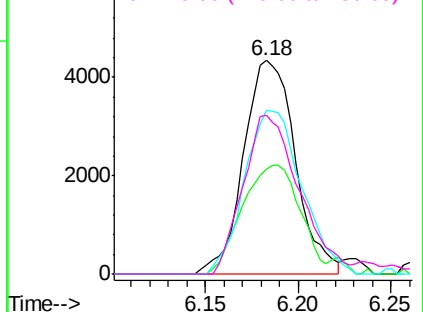
#34

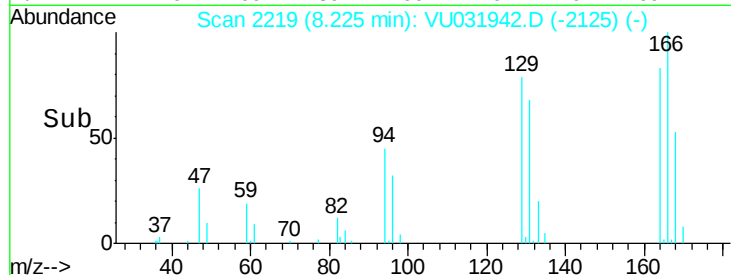
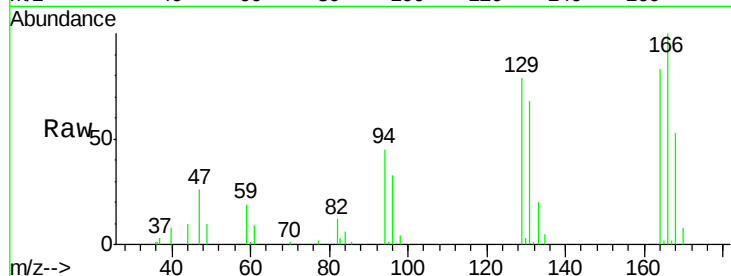
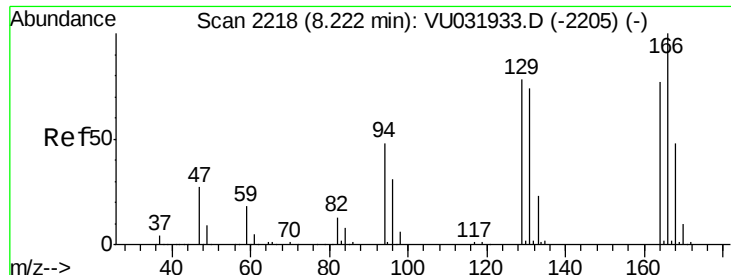
Trichloroethene
Concen: 0.231 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031942.D
Acq: 12 May 2019 14:47

Tgt Ion: 95 Resp: 8416
Ion Ratio Lower Upper
95 100
97 49.3 45.8 85.2
132 76.7 56.0 104.0
130 74.5 60.4 112.2



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: 0.872 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031942.D

Acq: 12 May 2019 14:47

Instrument :

MSVOA_U

ClientSampleId :

F9D36

Tot Ion:164 Resp: 20657

Ion Ratio Lower Upper

164 100

129 94.5 70.3 130.5

131 82.0 65.4 121.4

166 120.3 86.0 159.8

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

