

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025832.D
 Acq On : 03 Aug 2018 20:44
 Operator : MD/SY
 Sample : J4340-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F72

Quant Time: Aug 04 00:52:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	327805	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	313987	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151963	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79660	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.68	69	65551	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.92%
11) 1,1-Dichloroethene-d2	2.27	63	128530	32.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.98%
21) 2-Butanone-d5	4.18	46	142351	98.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.53%
24) Chloroform-d	4.65	84	181354	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.31	65	125401	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
32) Benzene-d6	5.35	84	354689	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
36) 1,2-Dichloropropane-d6	6.34	67	115503	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.02%
41) Toluene-d8	7.57	98	330011	42.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.46%
43) trans-1,3-Dichloropropene-	7.85	79	55630	41.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.94%
47) 2-Hexanone-d5	8.31	63	103119	94.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155095	42.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	137160	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%

Target Compounds

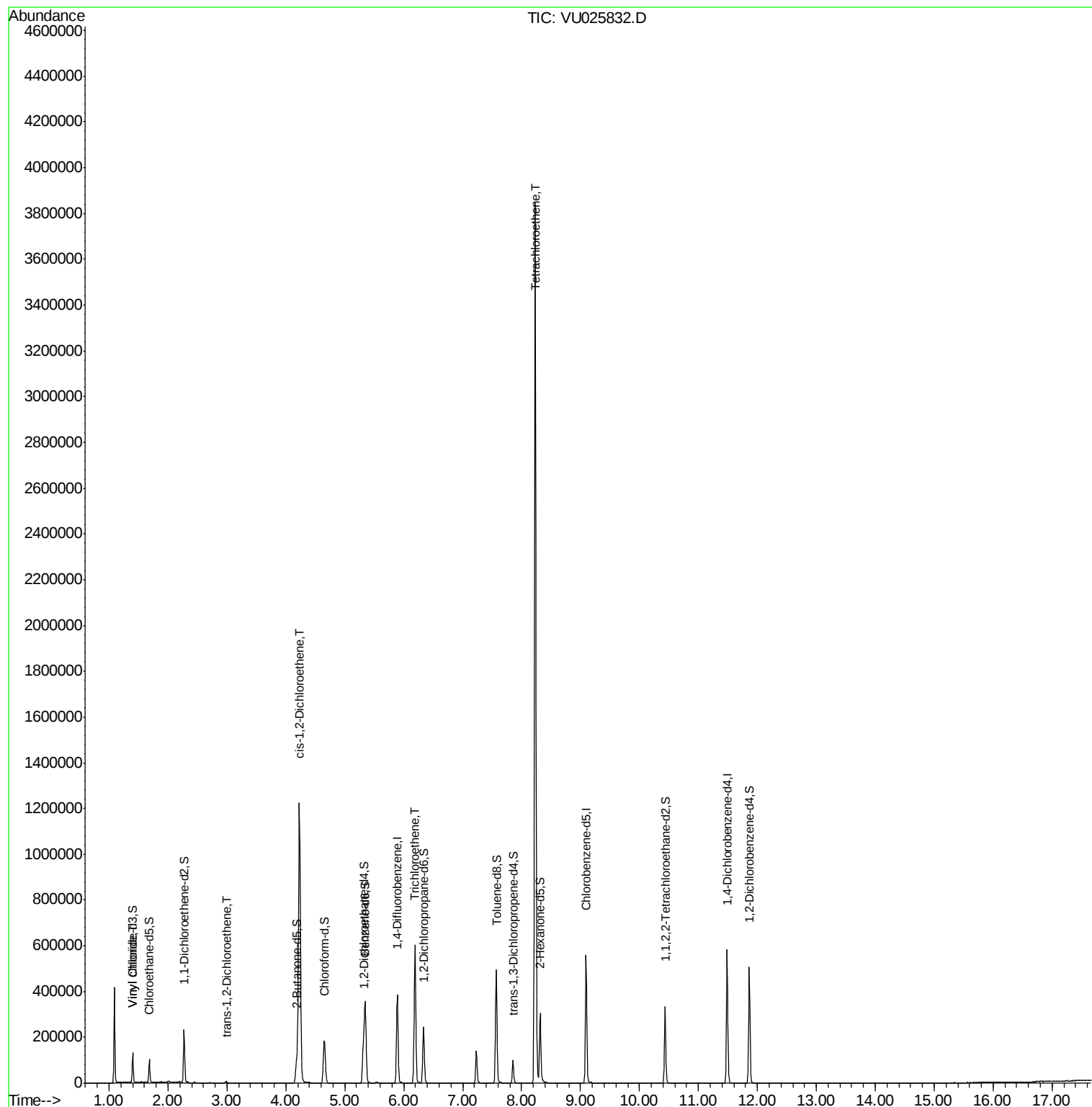
					Ovalue
5) Vinyl chloride	1.40	62	5365	2.10	ug/L # 70
17) trans-1,2-Dichloroethene	2.99	96	3157	1.48	ug/L 83
20) cis-1,2-Dichloroethene	4.23	96	681136	283.30	ug/L 93
34) Trichloroethene	6.19	95	204818	85.56	ug/L 96
46) Tetrachloroethene	8.23	164	869289	418.89	ug/L 99

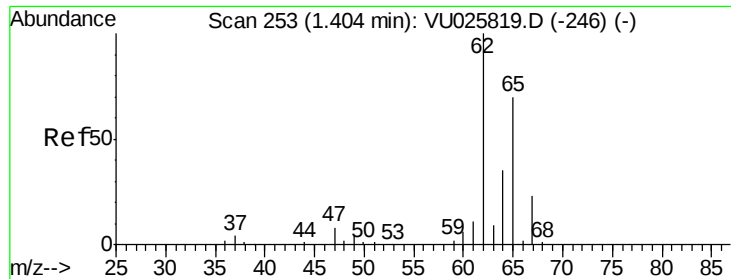
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080418\
Data File : VU025832.D
Acq On : 03 Aug 2018 20:44
Operator : MD/SY
Sample : J4340-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E5F72

Quant Time: Aug 04 00:52:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 03 23:51:54 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.10 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025832.D

Acq: 03 Aug 2018 20:44

Instrument :

MSVOA_U

ClientSampled :

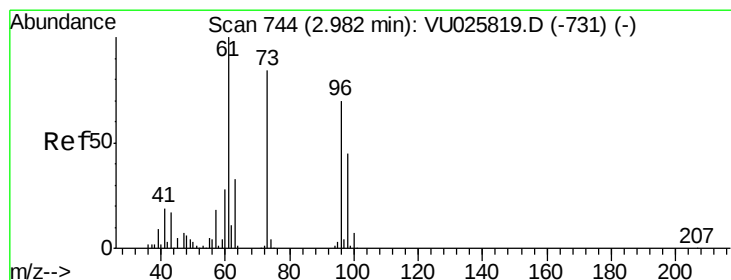
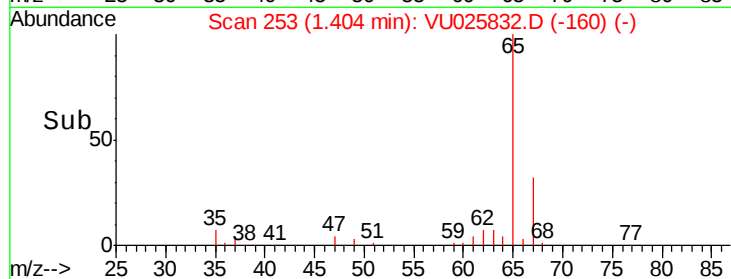
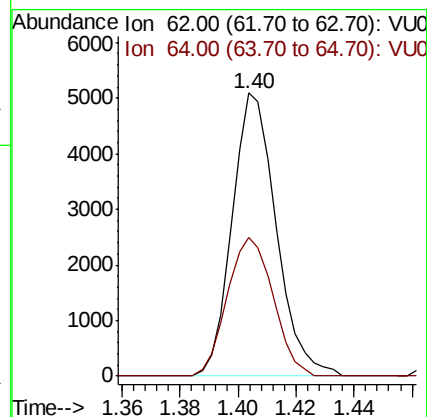
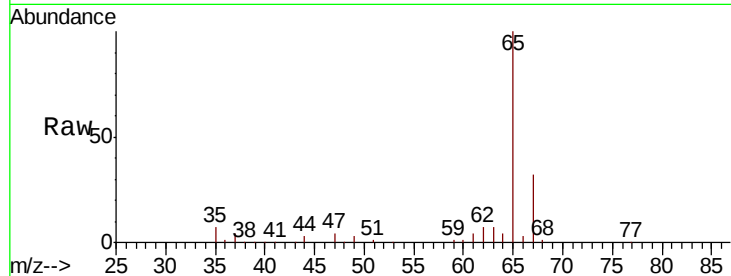
E5F72

Tot Ion: 62 Resp: 5365

Ion Ratio Lower Upper

62 100

64 49.0 22.7 42.1#



#17

trans-1,2-Dichloroethene

Concen: 1.48 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.01 min

Lab File: VU025832.D

Acq: 03 Aug 2018 20:44

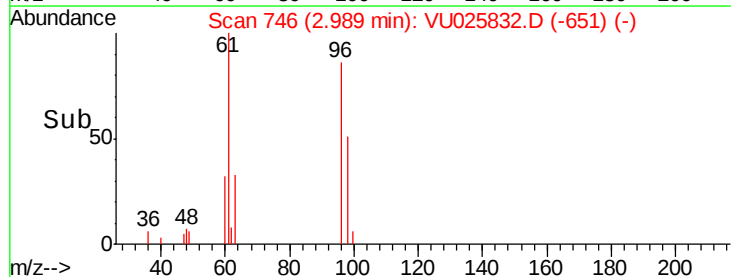
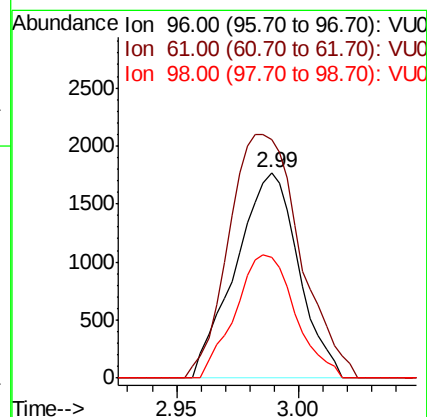
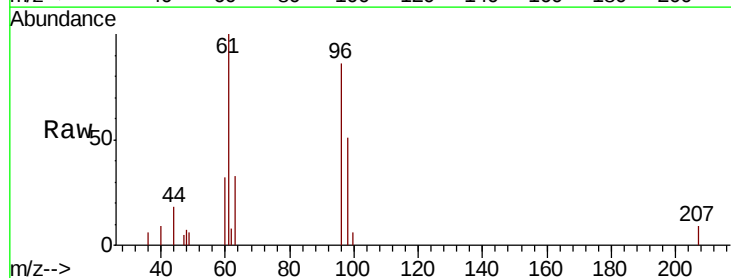
Tgt Ion: 96 Resp: 3157

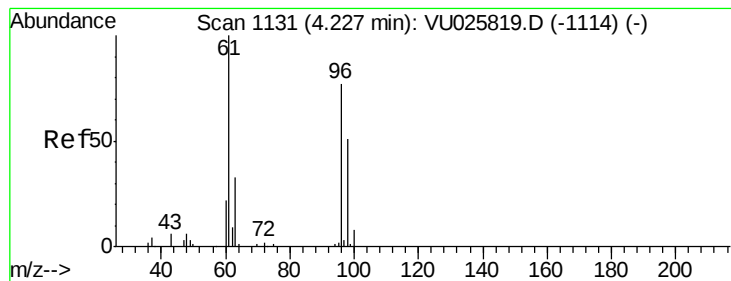
Ion Ratio Lower Upper

96 100

61 115.8 100.0 185.8

98 58.8 44.7 83.1





#20

cis-1,2-Dichloroethene

Concen: 283.30 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025832.D

Acq: 03 Aug 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

E5F72

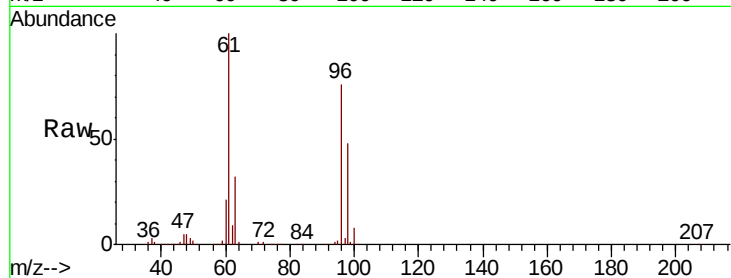
Tot Ion: 96 Resp: 681136

Ion Ratio Lower Upper

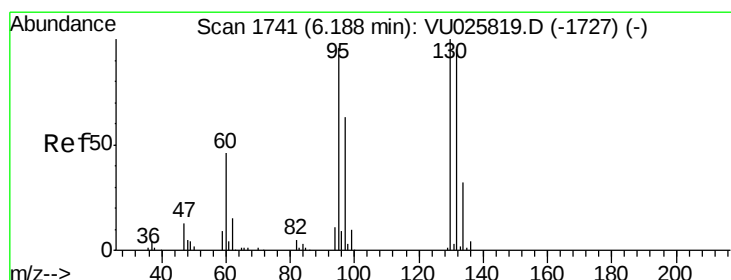
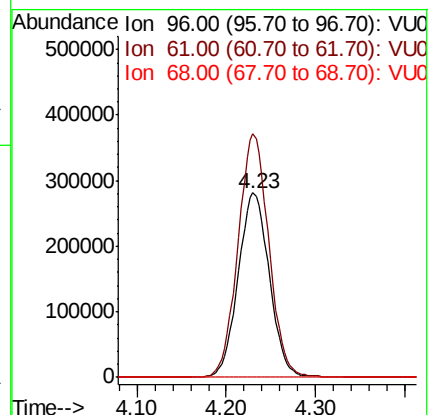
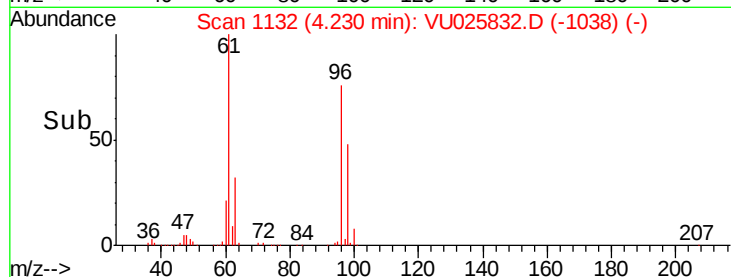
96 100

61 132.2 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 85.56 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025832.D

Acq: 03 Aug 2018 20:44

Tgt Ion: 95 Resp: 204818

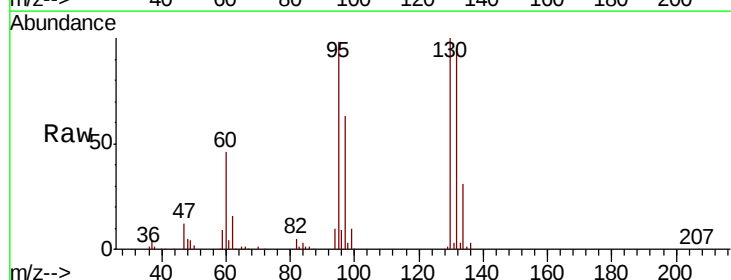
Ion Ratio Lower Upper

95 100

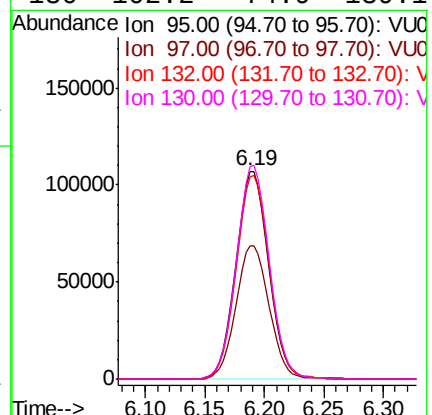
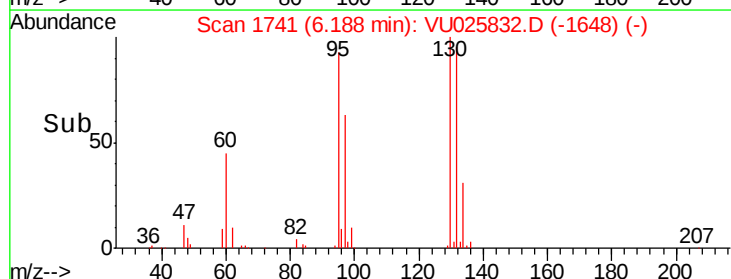
97 64.3 45.9 85.3

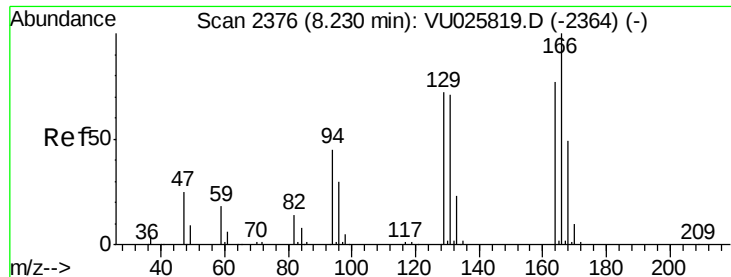
132 97.5 72.2 134.2

130 102.2 74.9 139.1



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

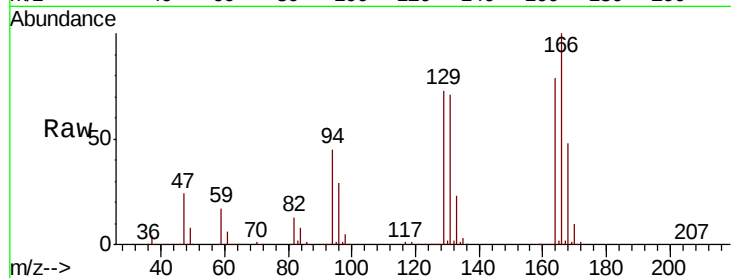




#46
Tetrachloroethene
Concen: 418.89 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025832.D
Acq: 03 Aug 2018 20:44

Instrument :
MSVOA_U
ClientSampleId :
E5F72

Tot Ion:	164	Resp:	869289
Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.1	120.9
131	89.8	62.8	116.6
166	126.9	89.7	166.7



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

