

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025831.D
 Acq On : 03 Aug 2018 20:21
 Operator : MD/SY
 Sample : J4340-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F71

Quant Time: Aug 04 00:49:38 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	324472	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80226	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.68	69	65833	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.18%
11) 1,1-Dichloroethene-d2	2.27	63	123557	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
21) 2-Butanone-d5	4.18	46	143787	100.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	4.65	84	181574	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	128113	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.35	84	353440	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
36) 1,2-Dichloropropane-d6	6.33	67	116475	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.52%
41) Toluene-d8	7.57	98	330118	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%
43) trans-1,3-Dichloropropene-	7.85	79	55912	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.31	63	105186	96.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.53%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156182	42.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	137689	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%

Target Compounds

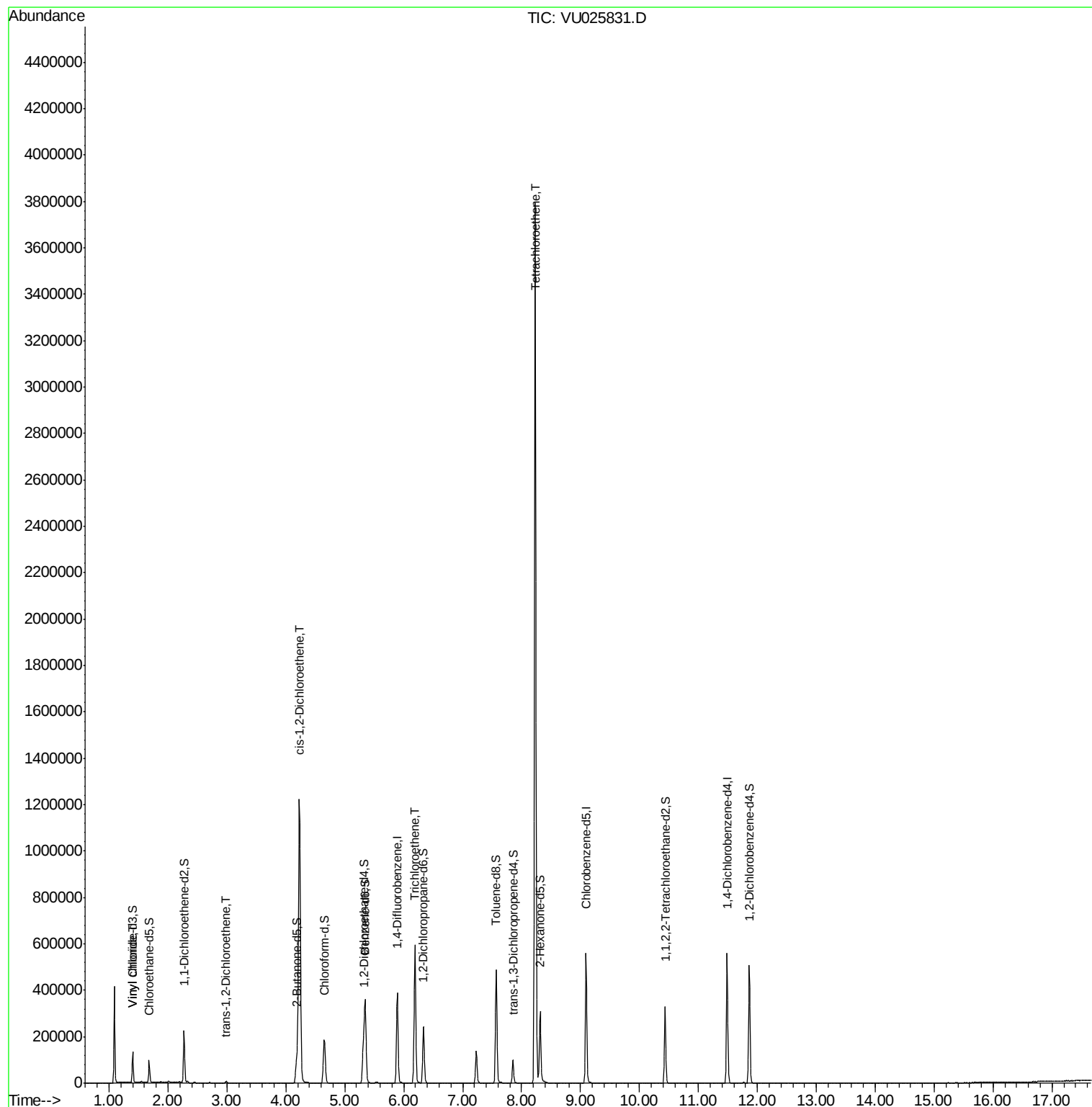
					Ovalue
5) Vinyl chloride	1.41	62	5255	2.08	ug/L # 71
17) trans-1,2-Dichloroethene	2.99	96	2767	1.31	ug/L 93
20) cis-1,2-Dichloroethene	4.23	96	683058	287.02	ug/L 96
34) Trichloroethene	6.19	95	201206	83.80	ug/L 97
46) Tetrachloroethene	8.23	164	853418	410.02	ug/L 99

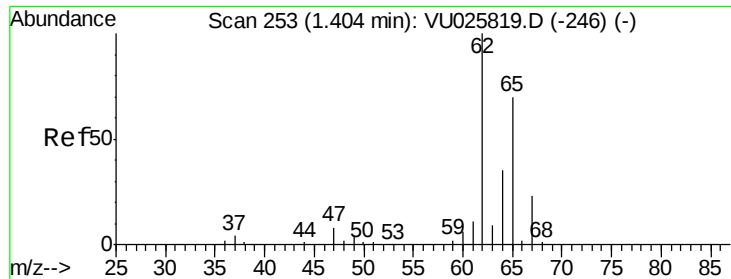
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080418\
Data File : VU025831.D
Acq On : 03 Aug 2018 20:21
Operator : MD/SY
Sample : J4340-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E5F71

Quant Time: Aug 04 00:49:38 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: 2.08 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Instrument :

MSVOA_U

ClientSampled :

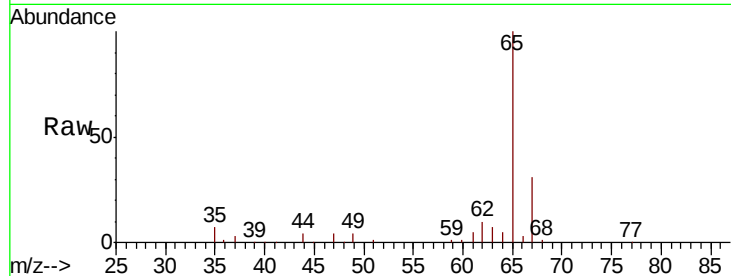
E5F71

Tot Ion: 62 Resp: 5255

Ion Ratio Lower Upper

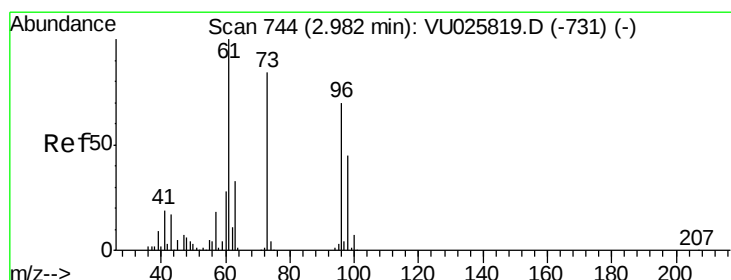
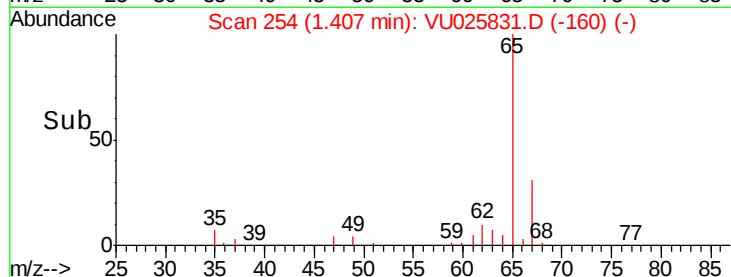
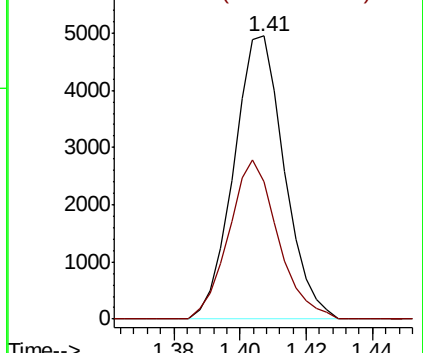
62 100

64 48.8 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 1.31 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.01 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

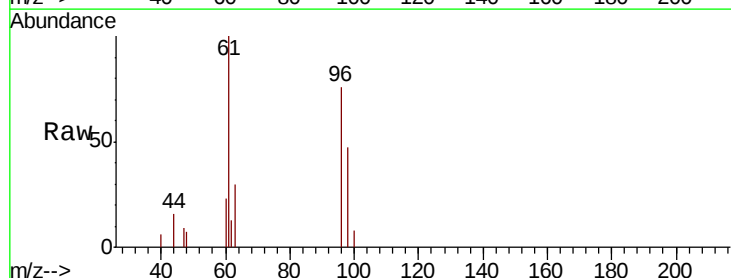
Tgt Ion: 96 Resp: 2767

Ion Ratio Lower Upper

96 100

61 131.5 100.0 185.8

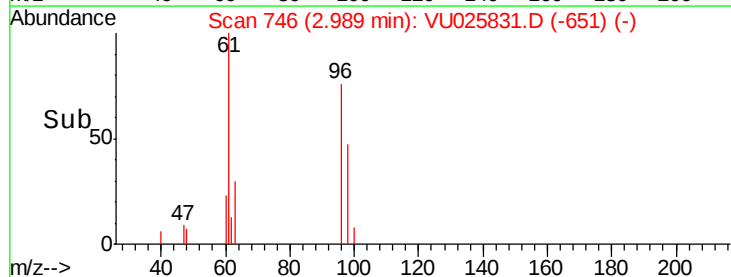
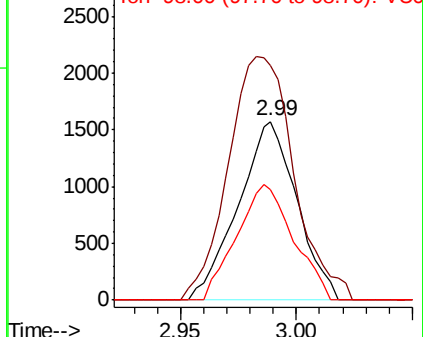
98 62.0 44.7 83.1

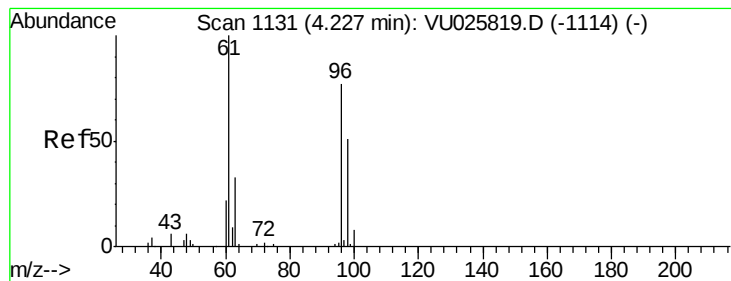


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 287.02 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

E5F71

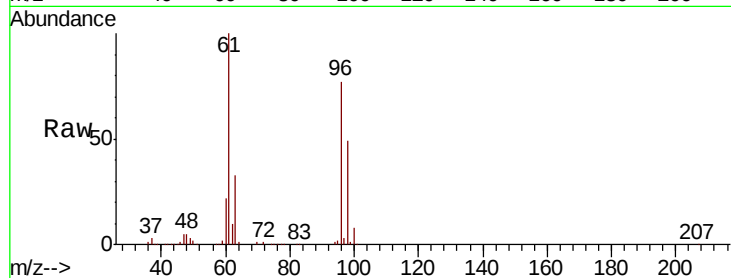
Tot Ion: 96 Resp: 683058

Ion Ratio Lower Upper

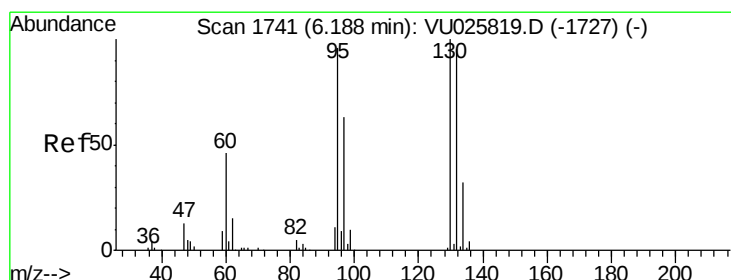
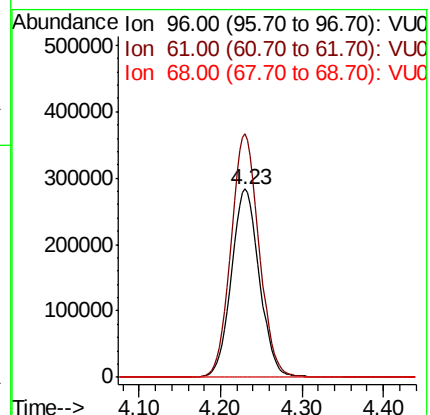
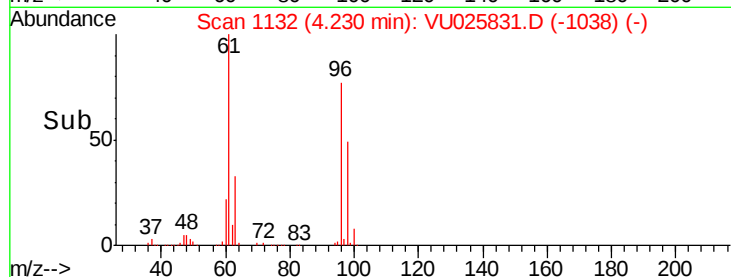
96 100

61 129.2 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: 83.80 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Tgt Ion: 95 Resp: 201206

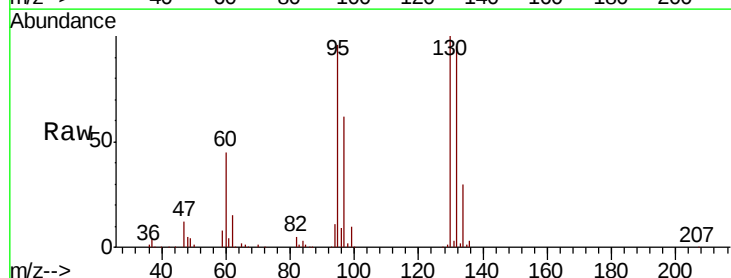
Ion Ratio Lower Upper

95 100

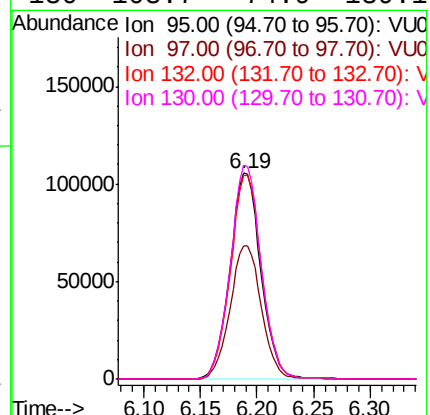
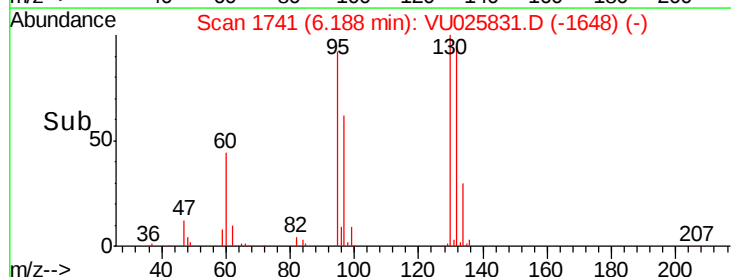
97 64.8 45.9 85.3

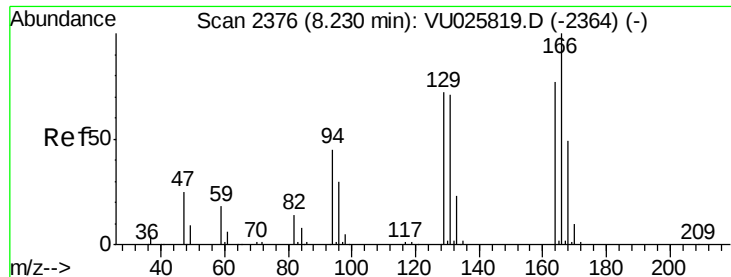
132 98.6 72.2 134.2

130 103.7 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: 410.02 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
E5F71

Tot Ion:164 Resp: 853418

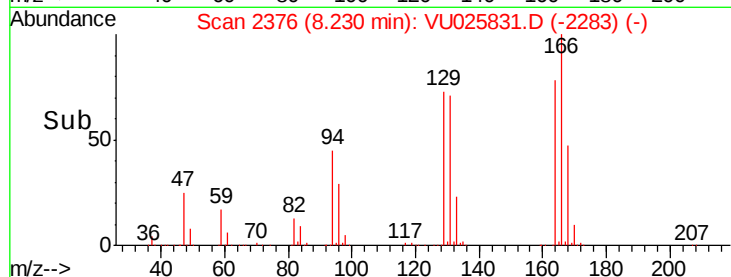
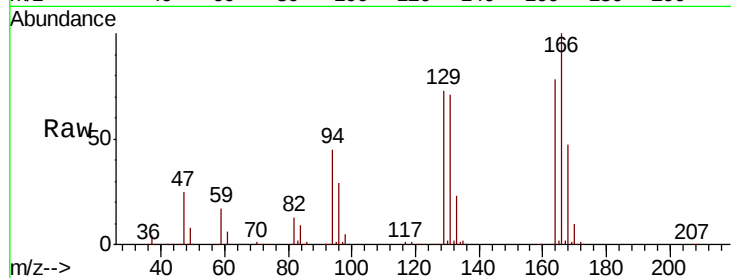
Ion Ratio Lower Upper

164 100

129 94.1 65.1 120.9

131 91.6 62.8 116.6

166 128.8 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

