

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036822.D
 Acq On : 17 Feb 2020 20:18
 Operator : JC/MD
 Sample : L1539-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK4

Quant Time: Feb 18 03:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 00:46:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	110737	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	41427	5.00	ug/L	0.00

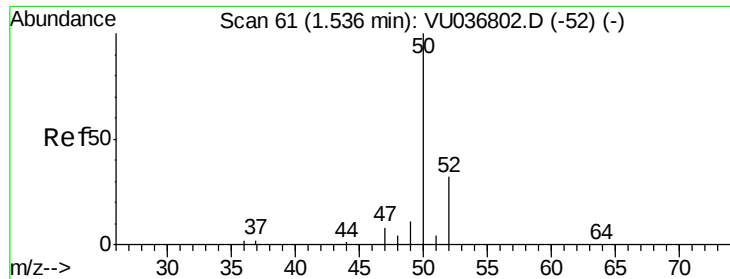
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36219	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.93	69	36280	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	54577	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	104509	52.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.66%
24) Chloroform-d	5.11	84	70813	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	41045	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	150213	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.73	67	49462	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	132315	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.21	79	16811	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.66	63	86373	48.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38235	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	41417	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
3) Chloromethane	1.54	50	1049	0.138 ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	99484	13.318 ug/L	99
12) 1,1-Dichloroethene	2.60	96	7422	1.102 ug/L #	1
13) Acetone	2.66	43	4341	1.700 ug/L	94
19) 1,1-Dichloroethane	3.92	63	1173	0.080 ug/L #	90
22) cis-1,2-Dichloroethene	4.71	96	7135	0.848 ug/L	93
25) Chloroform	5.13	83	5922	0.380 ug/L	95
34) Trichloroethene	6.57	95	51325	6.221 ug/L	98
47) Tetrachloroethene	8.58	164	5982	1.066 ug/L	93

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



#3

Chloromethane

Concen: 0.138 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU036822.D

Acq: 17 Feb 2020 20:18

Instrument :

MSVOA_U

ClientSampled :

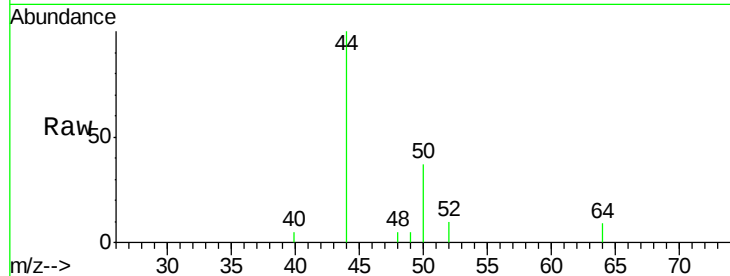
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Tot Ion: 50 Resp: 1049

Ion Ratio Lower Upper

50 100

52 26.1 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU036822.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU036822.D (-1) (-)

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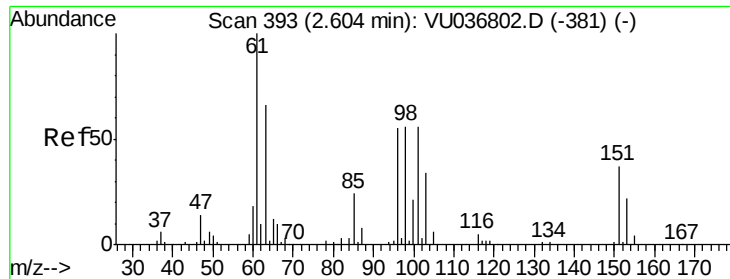
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#12

1,1-Dichloroethene

Concen: 1.102 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU036822.D

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Instrument :

MSVOA_U

ClientSampleId :

C0AK4

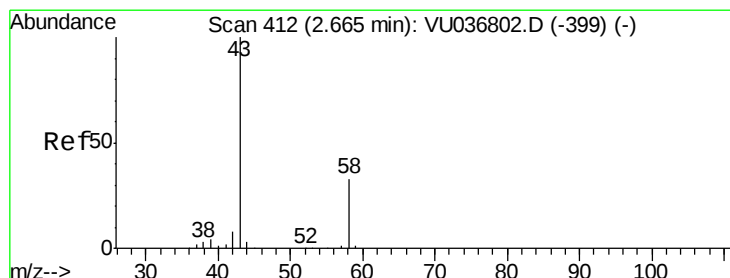
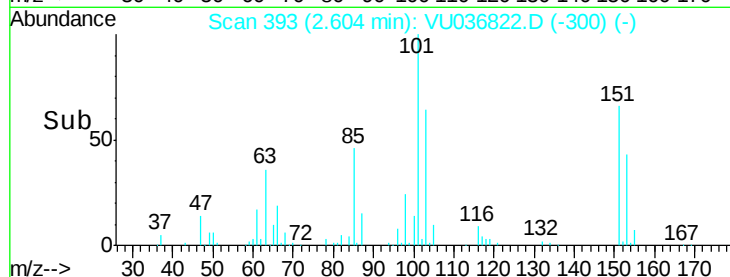
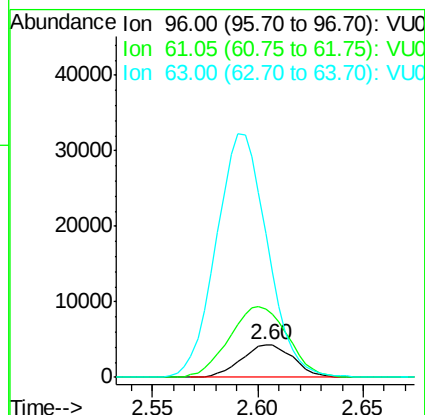
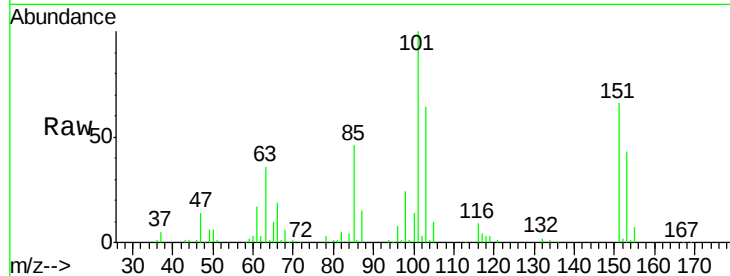
Tot Ion: 96 Resp: 7422

Ion Ratio Lower Upper

96 100

61 207.3 126.4 234.8

63 435.8 89.5 166.3#



#13

Acetone

Concen: 1.700 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036822.D

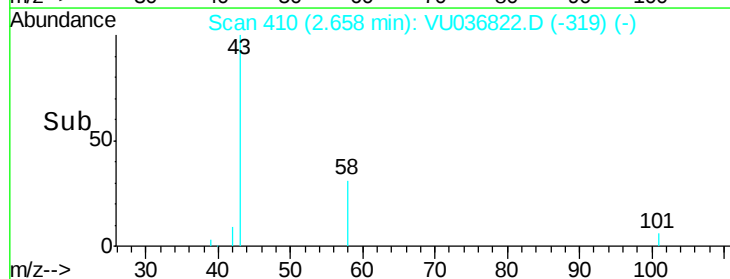
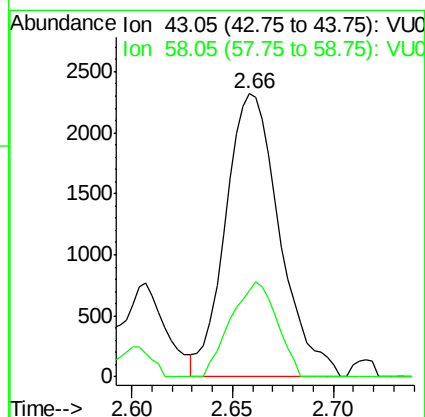
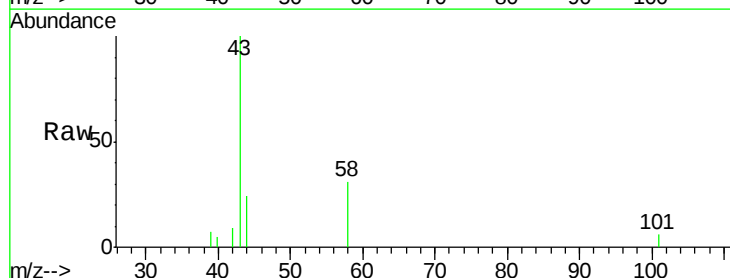
Acq: 17 Feb 2020 20:18

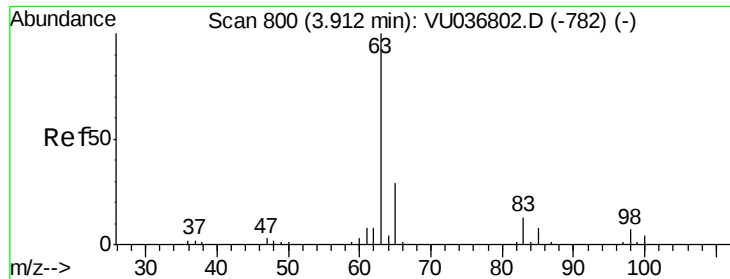
Tgt Ion: 43 Resp: 4341

Ion Ratio Lower Upper

43 100

58 28.8 0.0 64.2

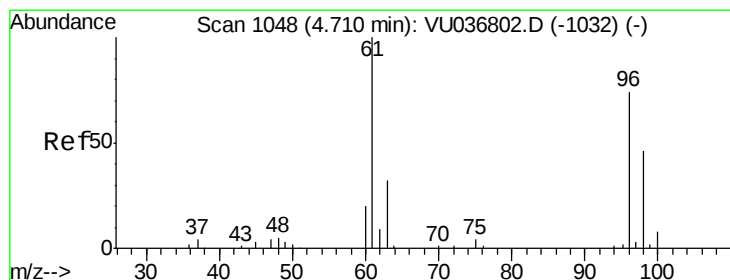
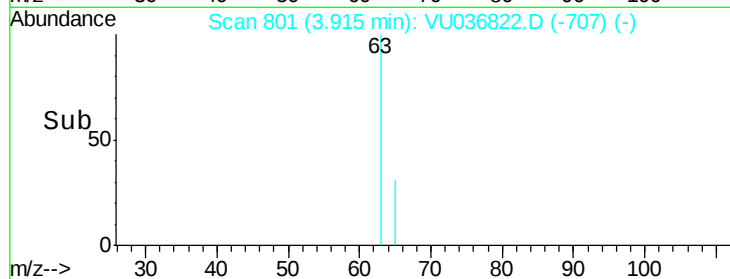
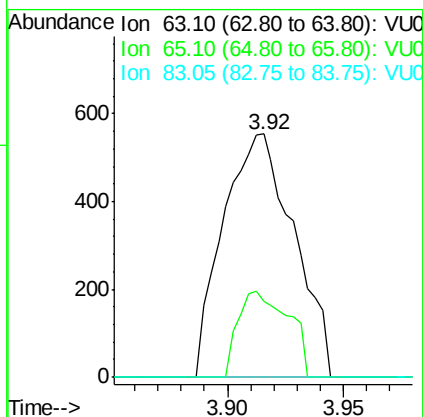
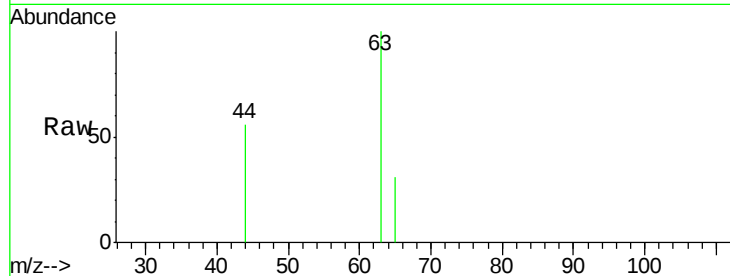




#19
 1,1-Dichloroethane
 Concen: 0.080 ug/L
 RT: 3.92 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VU036822.D
 Acq: 17 Feb 2020 20:18

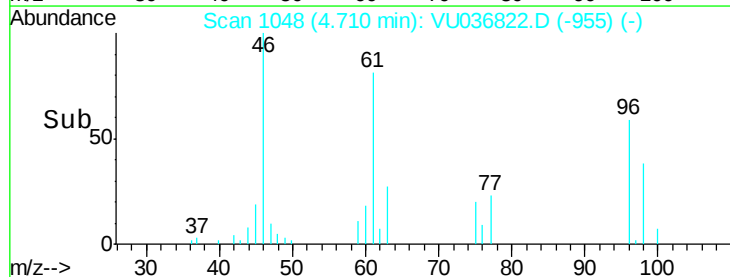
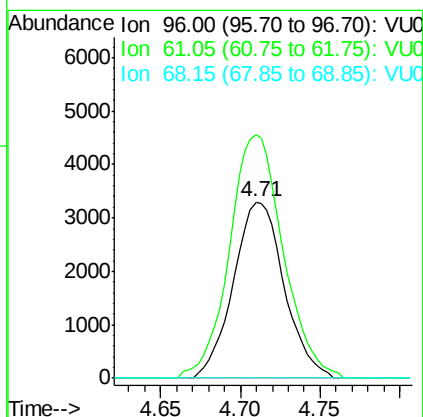
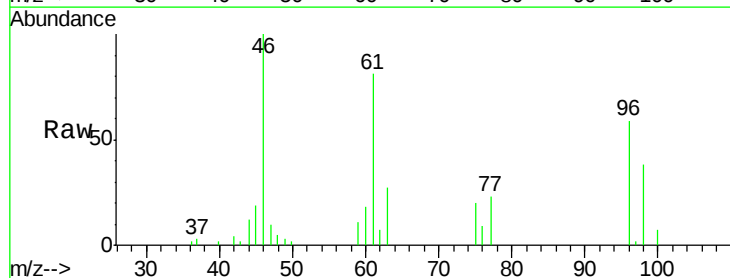
Instrument :
 MSVOA_U
 ClientSampled :
 C0AK4

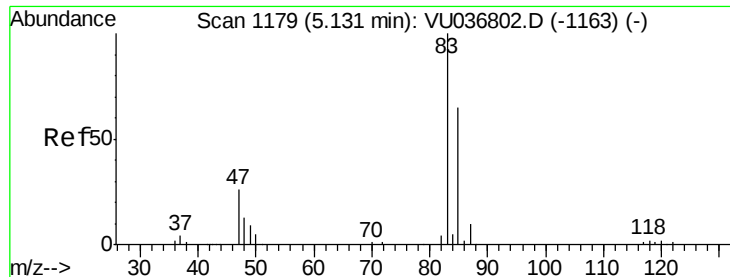
Tot Ion: 63 Resp: 1173
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.6 40.2
 83 0.0 8.8 16.3#



#22
 cis-1,2-Dichloroethene
 Concen: 0.848 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VU036822.D
 Acq: 17 Feb 2020 20:18

Tgt Ion: 96 Resp: 7135
 Ion Ratio Lower Upper
 96 100
 61 138.3 91.2 169.4
 68 0.0 0.0 0.0

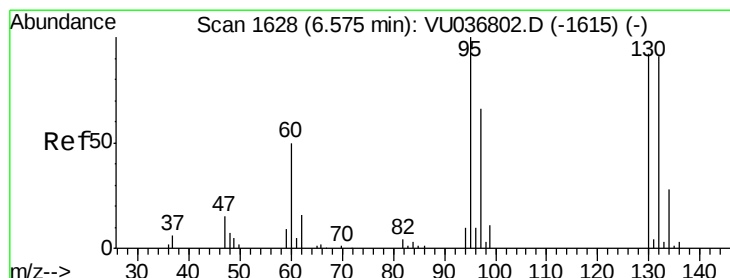
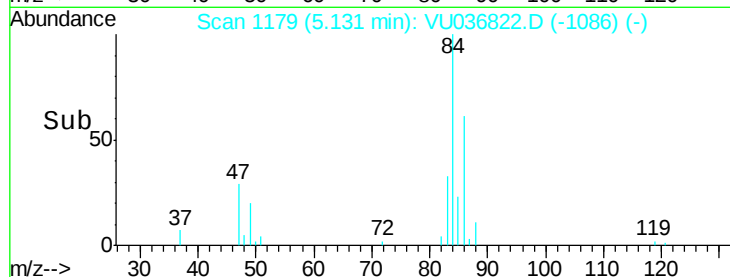
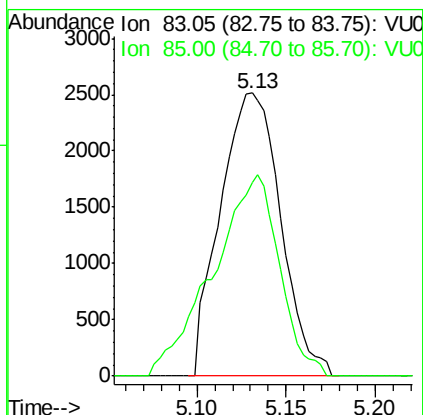
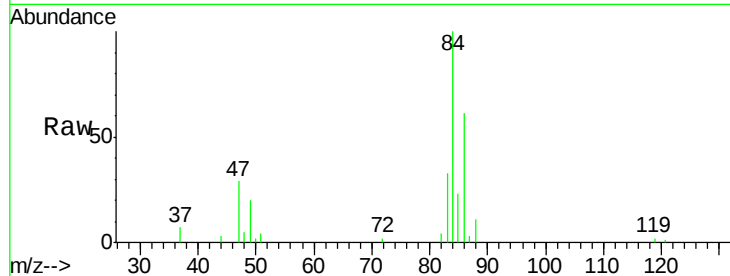




#25
Chloroform
Concen: 0.380 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

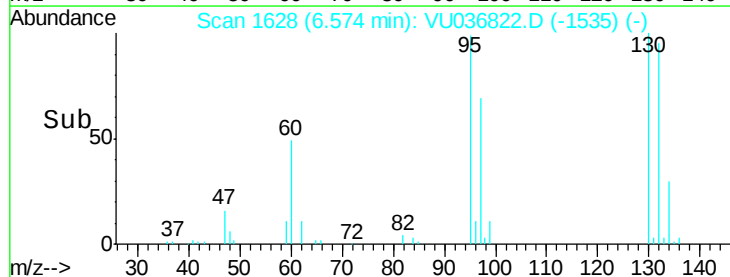
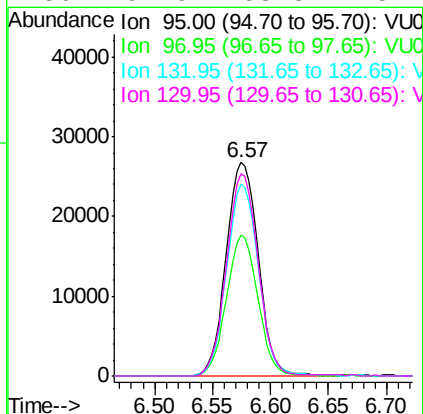
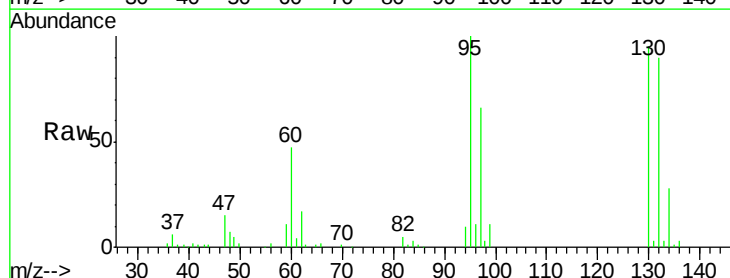
Instrument :
MSVOA_U
ClientSampleId :
C0AK4

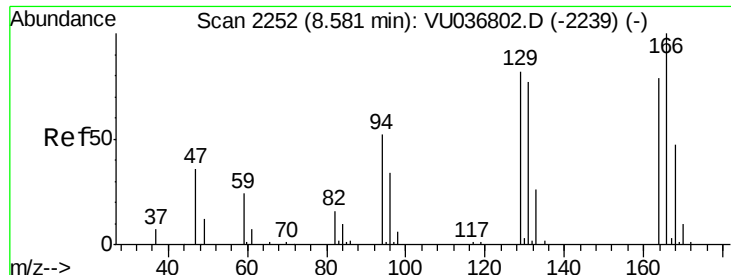
Tot Ion: 83 Resp: 5922
Ion Ratio Lower Upper
83 100
85 68.7 45.4 84.2



#34
Trichloroethene
Concen: 6.221 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VU036822.D
Acq: 17 Feb 2020 20:18

Tgt Ion: 95 Resp: 51325
Ion Ratio Lower Upper
95 100
97 65.8 45.6 84.8
132 89.7 62.8 116.6
130 94.9 63.8 118.4





#47

Tetrachloroethene

Concen: 1.066 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU036822.D

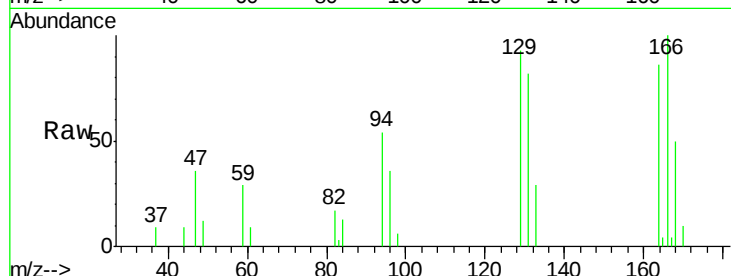
Acq: 17 Feb 2020 20:18

Instrument :

MSVOA_U

ClientSampleId :

C0AK4



Tot Ion:164 Resp: 5982

Ion Ratio Lower Upper

164 100

129 108.4 68.0 126.4

131 95.7 69.4 128.8

166 116.4 86.6 160.8

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

