

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092719\
 Data File : VU034866.D
 Acq On : 27 Sep 2019 11:30
 Operator : JC/SP
 Sample : K5044-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK39

Quant Time: Sep 28 00:40:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 28 00:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	85753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	82876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	37000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	28159	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.67	69	22987	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.26	63	41254	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.16	46	70318	41.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.84%
24) Chloroform-d	4.62	84	39362	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.29	65	22710	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.32	84	87599	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.31	67	30572	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.54	98	80866	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.83	79	9518	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.30	63	48051	35.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.72%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	21310	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	25975	4.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.40%

Target Compounds

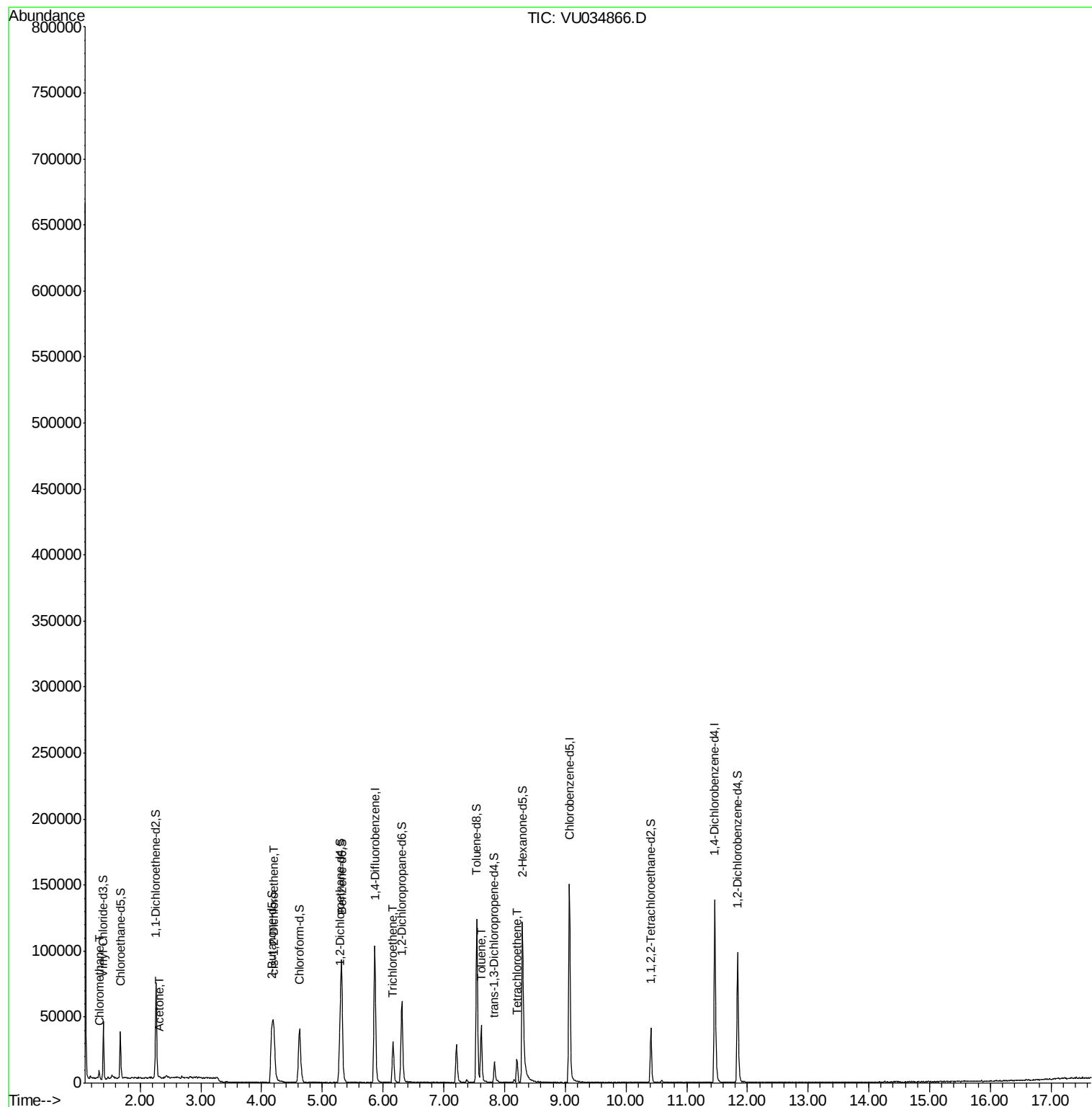
					Ovalue
3) Chloromethane	1.32	50	4415	0.721 ug/L	94
13) Acetone	2.31	43	1480	1.142 ug/L	90
22) cis-1,2-Dichloroethene	4.20	96	19111	3.251 ug/L	100
34) Trichloroethene	6.16	95	10643	1.905 ug/L	95
42) Toluene	7.62	91	31434	1.298 ug/L	98
47) Tetrachloroethene	8.21	164	3820	1.128 ug/L	88

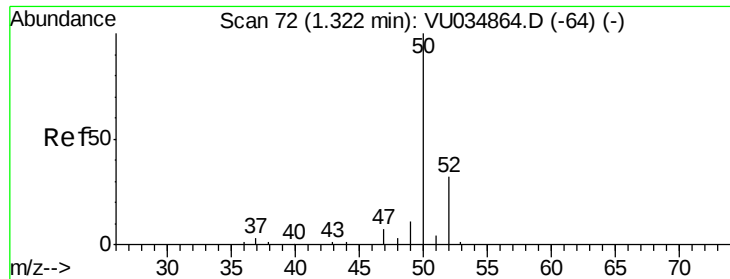
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.721 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

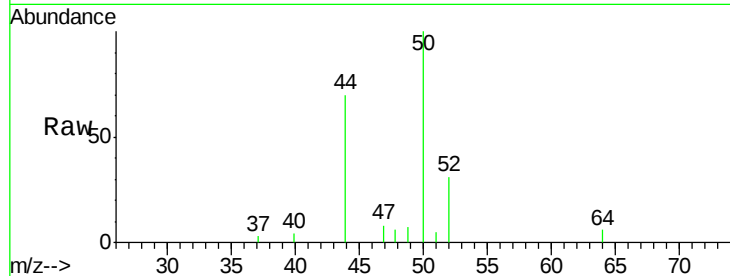
CWK39

Tot Ion: 50 Resp: 4415

Ion Ratio Lower Upper

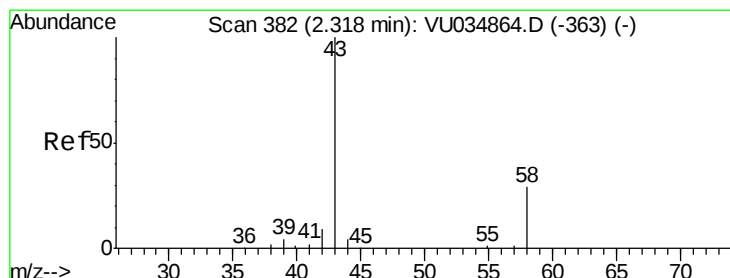
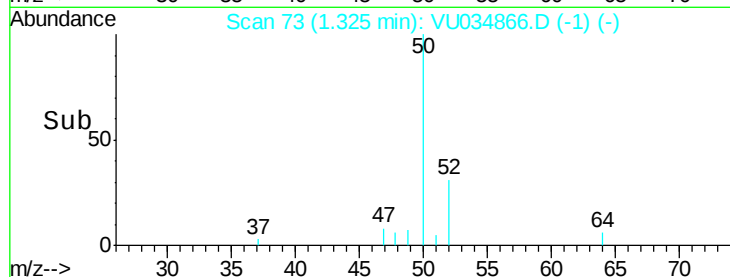
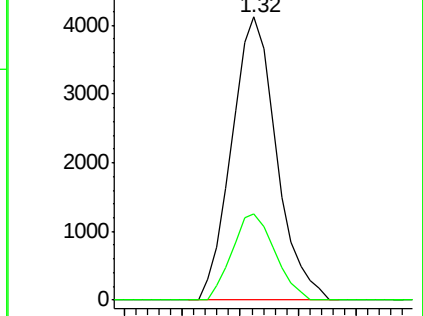
50 100

52 30.7 23.9 44.3



Abundance Ion 50.05 (49.75 to 50.75): VU034866.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034866.D (-64) (-)



#13

Acetone

Concen: 1.142 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VU034866.D

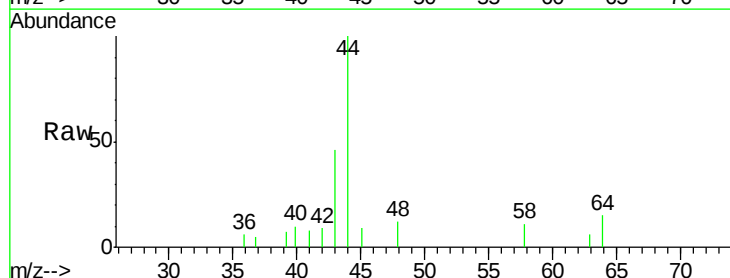
Acq: 27 Sep 2019 11:30

Tgt Ion: 43 Resp: 1480

Ion Ratio Lower Upper

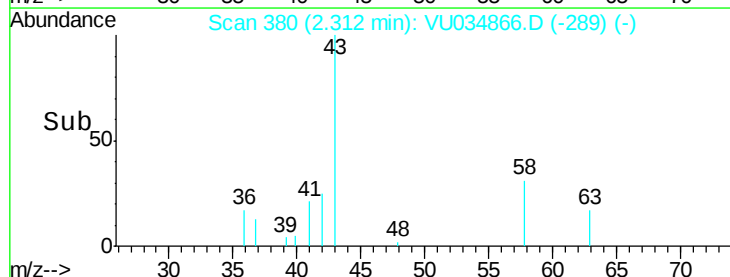
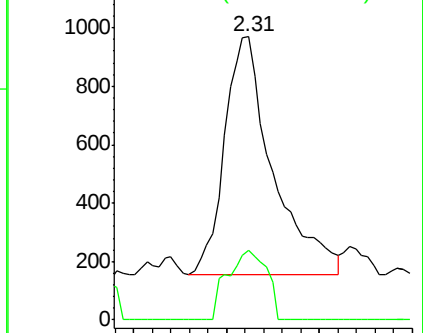
43 100

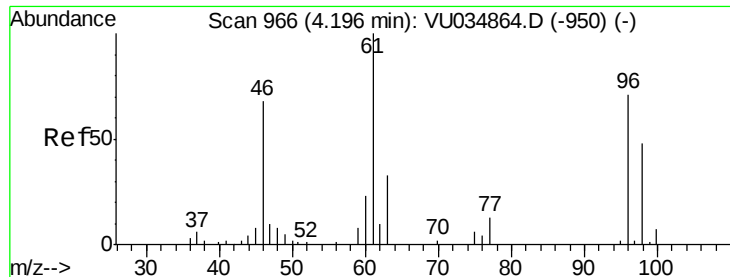
58 23.6 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU034866.D (-363) (-)

Ion 58.05 (57.75 to 58.75): VU034866.D (-363) (-)

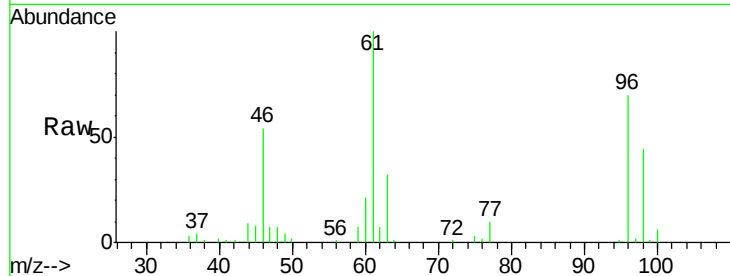




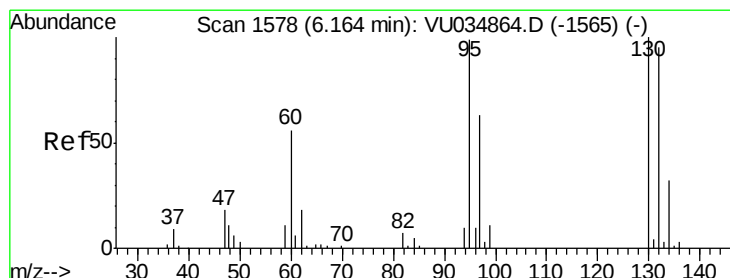
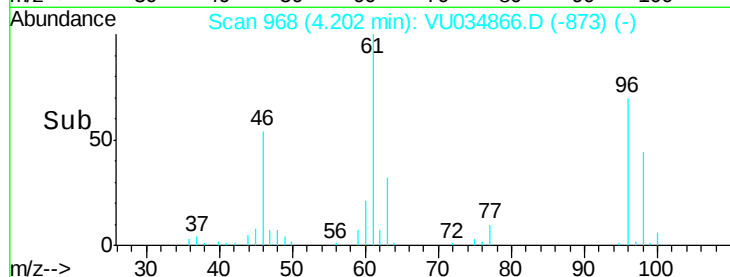
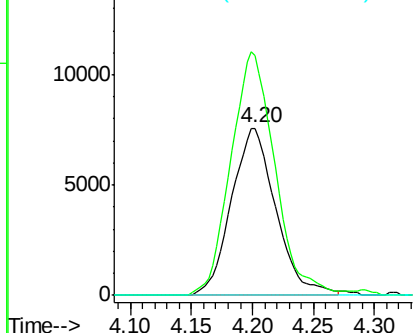
#22
 cis-1,2-Dichloroethene
 Concen: 3.251 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU034866.D
 Acq: 27 Sep 2019 11:30

Instrument :
 MSVOA_U
 ClientSampled :
 CWK39

Tot Ion: 96 Resp: 19111
 Ion Ratio Lower Upper
 96 100
 61 143.5 100.0 185.8
 68 0.0 0.0 0.0

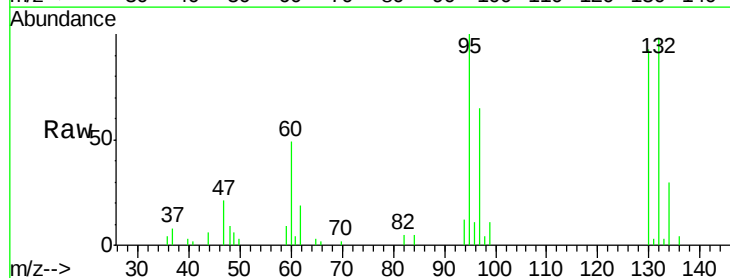


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

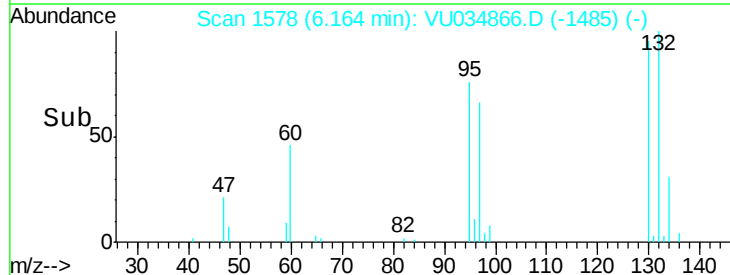
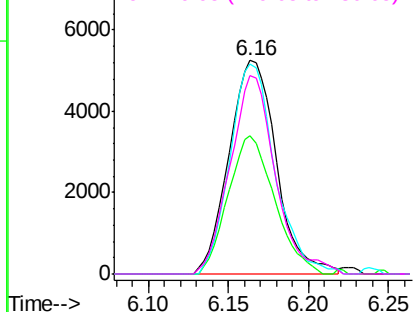


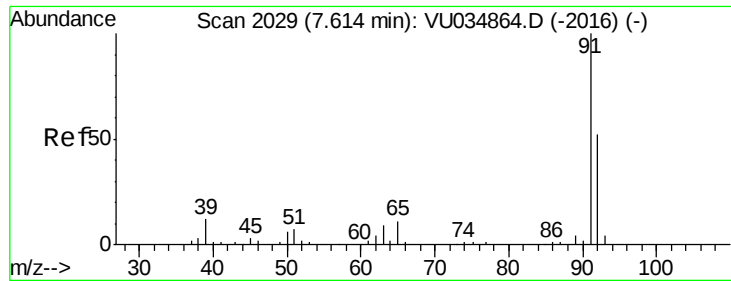
#34
 Trichloroethene
 Concen: 1.905 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034866.D
 Acq: 27 Sep 2019 11:30

Tgt Ion: 95 Resp: 10643
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.2 84.0
 132 98.2 60.9 113.1
 130 93.0 64.3 119.3



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





#42

Toluene

Concen: 1.298 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

Instrument :

MSVOA_U

ClientSampleId :

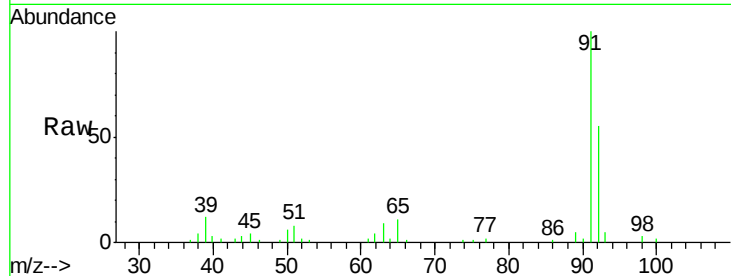
CWK39

Tot Ion: 91 Resp: 31434

Ion Ratio Lower Upper

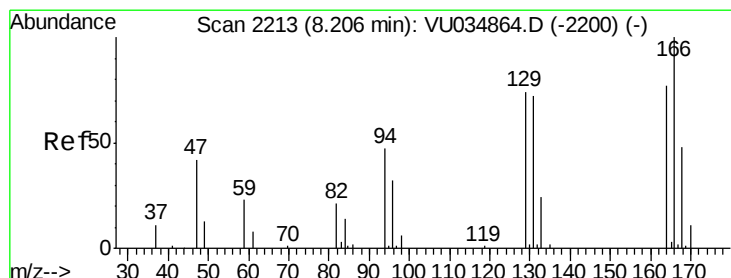
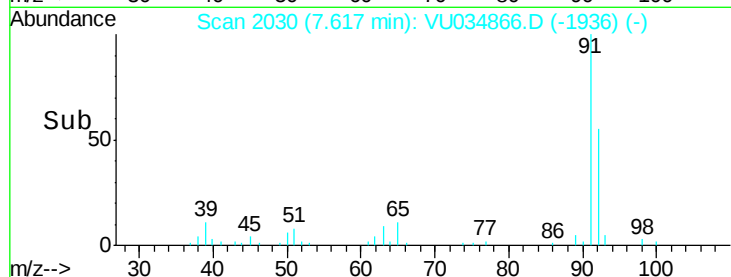
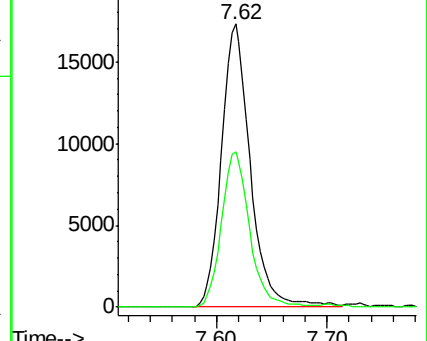
91 100

92 54.8 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU034866.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU034866.D (-2016) (-)



#47

Tetrachloroethene

Concen: 1.128 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034866.D

Acq: 27 Sep 2019 11:30

Tgt Ion: 164 Resp: 3820

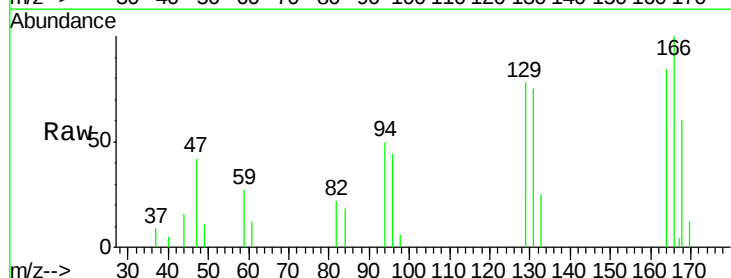
Ion Ratio Lower Upper

164 100

129 92.9 73.6 136.8

131 89.3 73.4 136.4

166 119.4 90.6 168.3



Abundance Ion 163.90 (163.60 to 164.60): VU034866.D (-2200) (-)

Ion 128.95 (128.65 to 129.65): VU034866.D (-2200) (-)

Ion 130.95 (130.65 to 131.65): VU034866.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU034866.D (-2200) (-)

