

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036948.D
 Acq On : 27 Feb 2020 17:19
 Operator : JC/MD
 Sample : L1686-09ME
 Misc : 7.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW06ME

Quant Time: Feb 27 23:30:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 22:00:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252446	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	107180	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73214	33.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.60%
7) Chloroethane-d5	1.89	69	26381	14.50	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.00%#
11) 1,1-Dichloroethene-d2	2.56	63	104289	28.32	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.64%#
21) 2-Butanone-d5	4.68	46	142075	96.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.33%
24) Chloroform-d	5.10	84	142988	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.18%
26) 1,2-Dichloroethane-d4	5.74	65	103103	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.76%
32) Benzene-d6	5.75	84	317131	43.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.88%
36) 1,2-Dichloropropane-d6	6.72	67	106843	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.34%
41) Toluene-d8	7.92	98	285095	42.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.18%
43) trans-1,3-Dichloropropene-	8.20	79	46113	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.90%
47) 2-Hexanone-d5	8.67	63	125257	108.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.31%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	168668	50.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.16%
64) 1,2-Dichlorobenzene-d4	12.21	152	97447	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%

Target Compounds

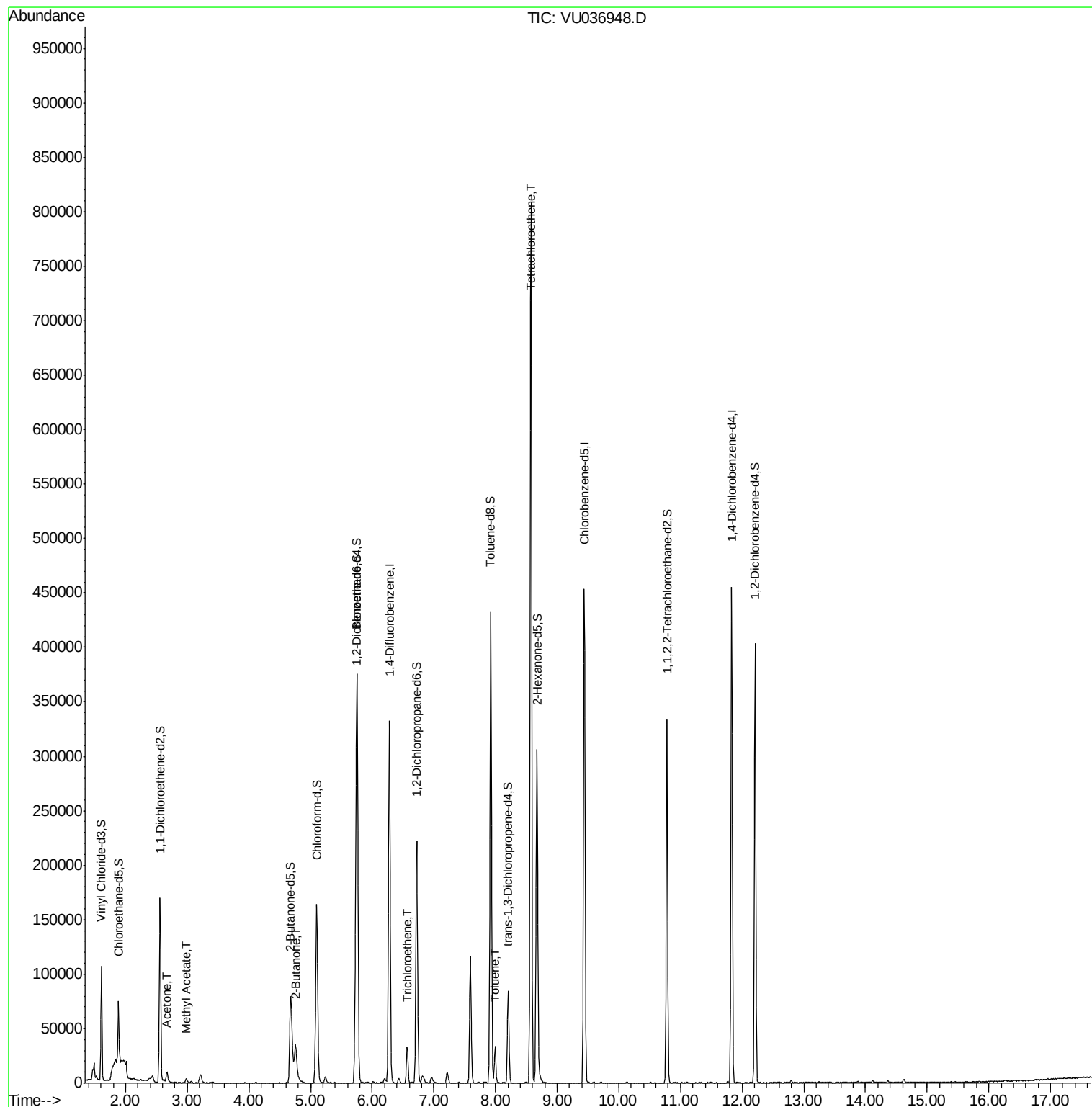
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	12131	7.997	ug/L	98
15) Methyl Acetate	2.98	43	5470	2.366	ug/L	98
22) 2-Butanone	4.76	43	52800	28.863	ug/L	95
34) Trichloroethene	6.57	95	10720	5.469	ug/L	97
42) Toluene	7.99	91	23918	2.815	ug/L	99
46) Tetrachloroethene	8.57	164	165158	127.901	ug/L	99

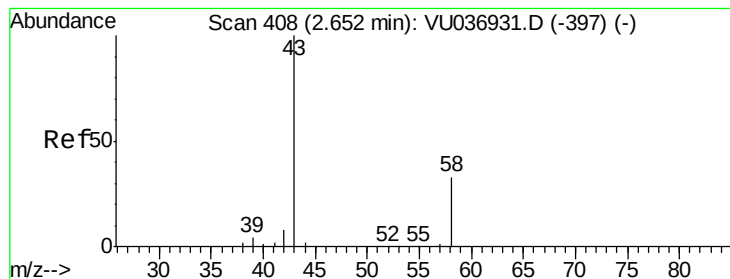
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.997 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.02 min

Lab File: VU036948.D

Acq: 27 Feb 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

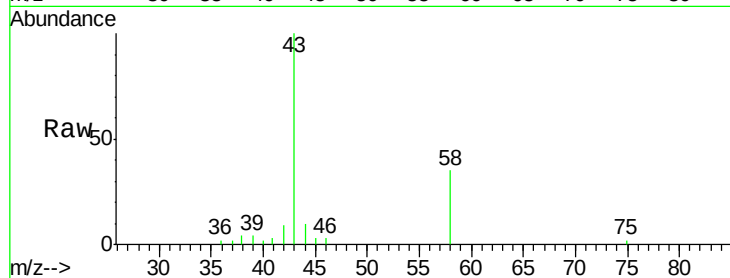
GAW06ME

Tot Ion: 43 Resp: 12131

Ion Ratio Lower Upper

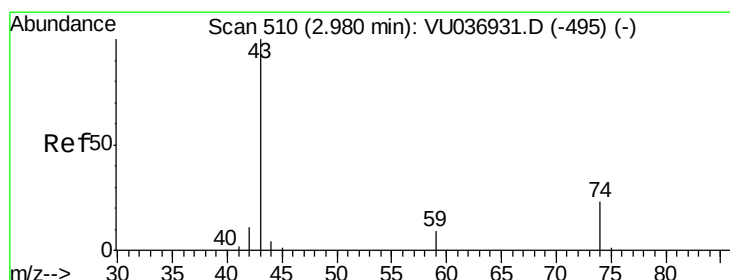
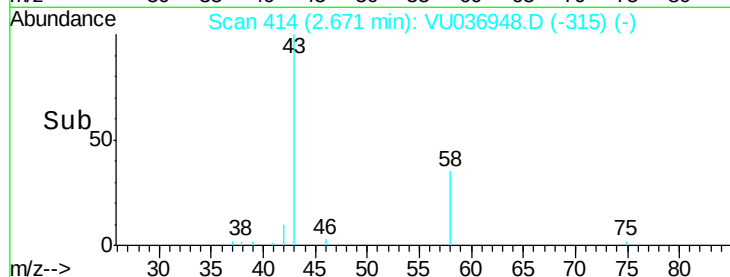
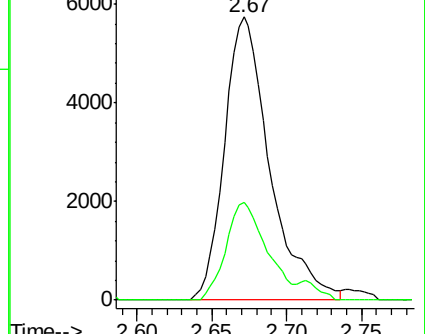
43 100

58 31.3 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036948.D (-414) (-)

Ion 58.00 (57.70 to 58.70): VU036948.D (-414) (-)



#15

Methyl Acetate

Concen: 2.366 ug/L

RT: 2.98 min Scan# 511

Delta R.T. 0.00 min

Lab File: VU036948.D

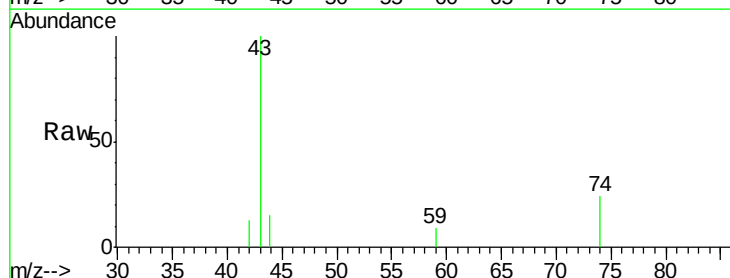
Acq: 27 Feb 2020 17:19

Tgt Ion: 43 Resp: 5470

Ion Ratio Lower Upper

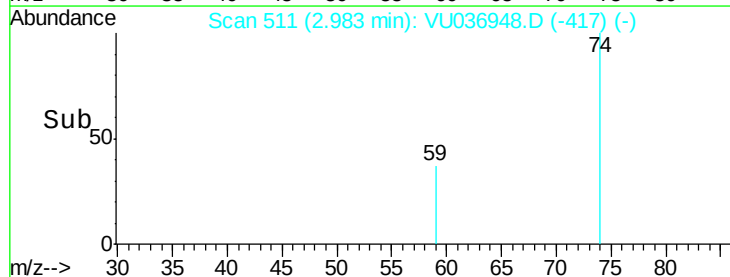
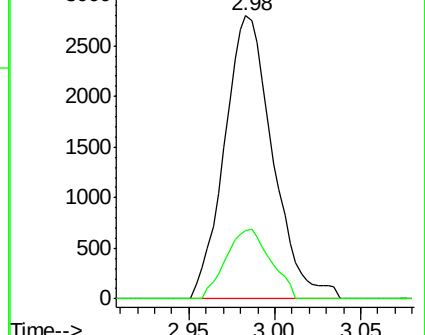
43 100

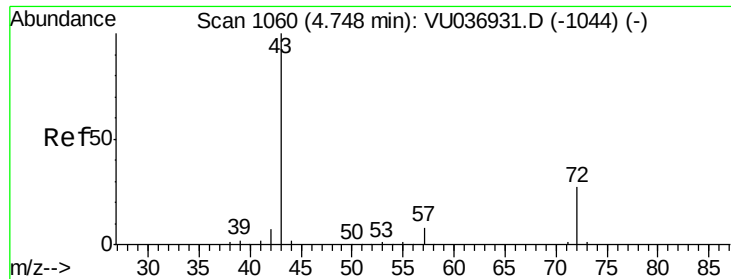
74 22.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VU036948.D (-417) (-)

Ion 74.00 (73.70 to 74.70): VU036948.D (-417) (-)





#22

2-Butanone

Concen: 28.863 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VU036948.D

Acq: 27 Feb 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

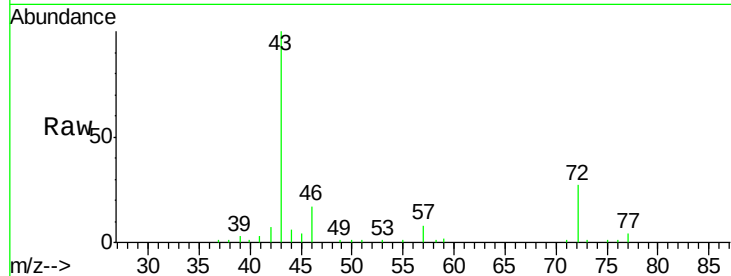
GAW06ME

Tot Ion: 43 Resp: 52800

Ion Ratio Lower Upper

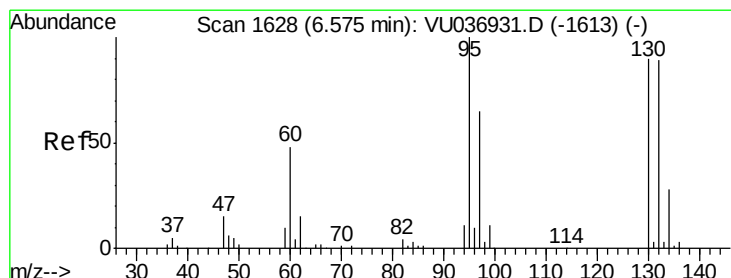
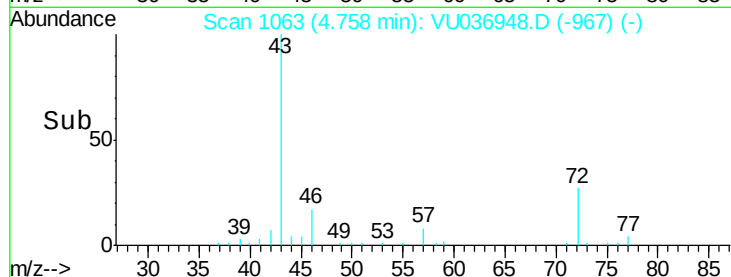
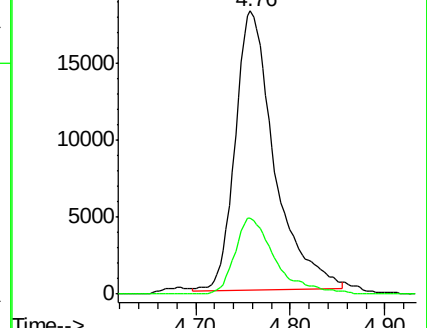
43 100

72 25.1 13.9 41.6



Abundance Ion 43.00 (42.70 to 43.70): VU036948.D (-967) (-)

Ion 72.00 (71.70 to 72.70): VU036948.D (-967) (-)



#34

Trichloroethene

Concen: 5.469 ug/L

RT: 6.57 min Scan# 1625

Delta R.T. -0.01 min

Lab File: VU036948.D

Acq: 27 Feb 2020 17:19

Tgt Ion: 95 Resp: 10720

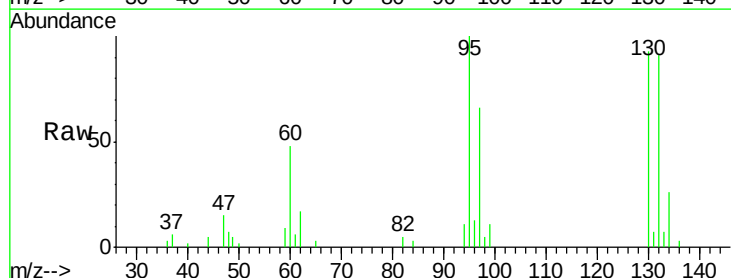
Ion Ratio Lower Upper

95 100

97 66.1 44.1 81.9

132 90.5 60.6 112.6

130 92.6 64.9 120.5

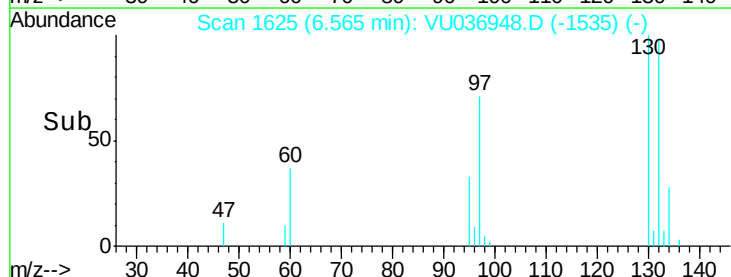
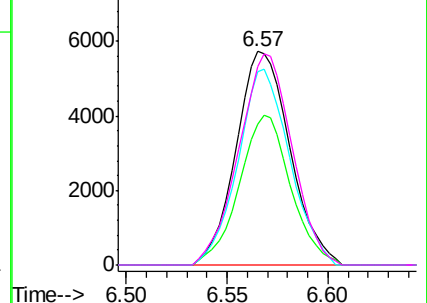


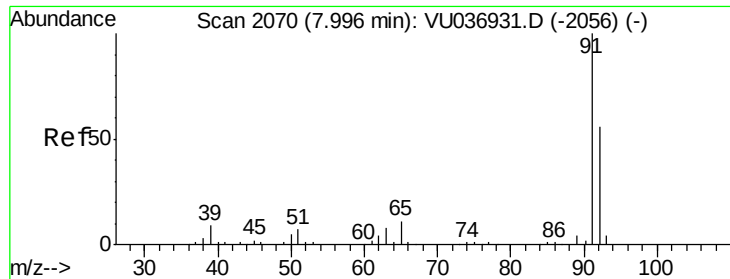
Abundance Ion 95.00 (94.70 to 95.70): VU036948.D (-1535) (-)

Ion 97.00 (96.70 to 97.70): VU036948.D (-1535) (-)

Ion 132.00 (131.70 to 132.70): VU036948.D (-1535) (-)

Ion 130.00 (129.70 to 130.70): VU036948.D (-1535) (-)





#42

Toluene

Concen: 2.815 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU036948.D

Acq: 27 Feb 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

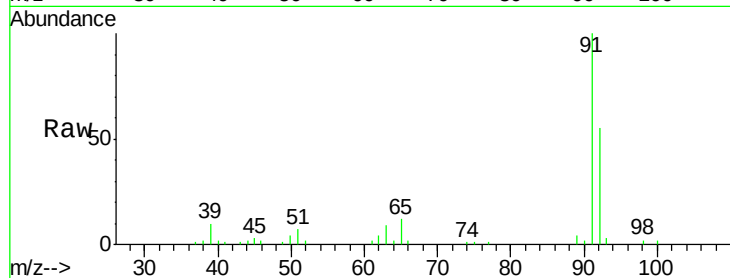
GAW06ME

Tot Ion: 91 Resp: 23918

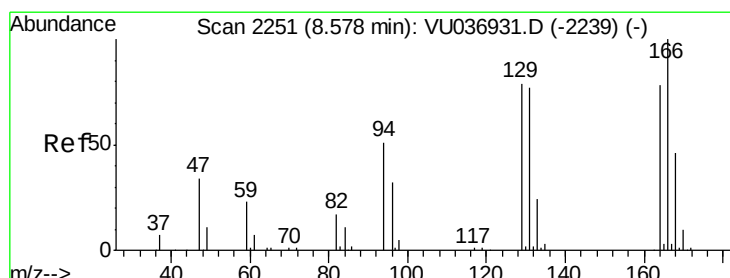
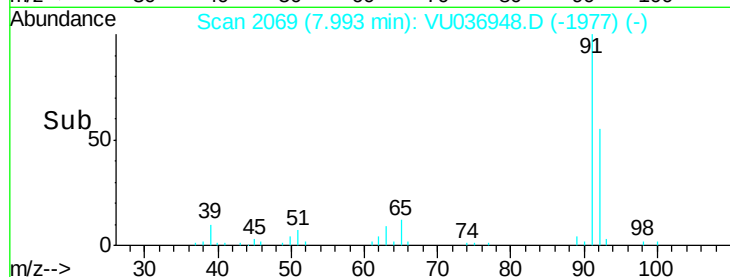
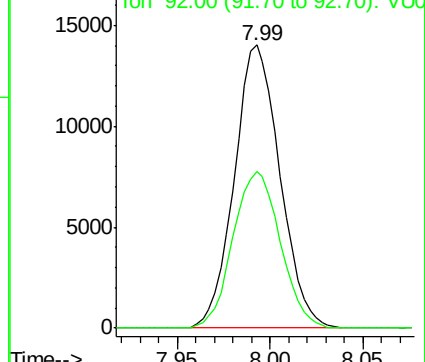
Ion Ratio Lower Upper

91 100

92 55.3 39.4 73.2



Abundance Ion 91.00 (90.70 to 91.70): VU036931.D (-2056) (-)



#46

Tetrachloroethene

Concen: 127.901 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036948.D

Acq: 27 Feb 2020 17:19

Tgt Ion: 164 Resp: 165158

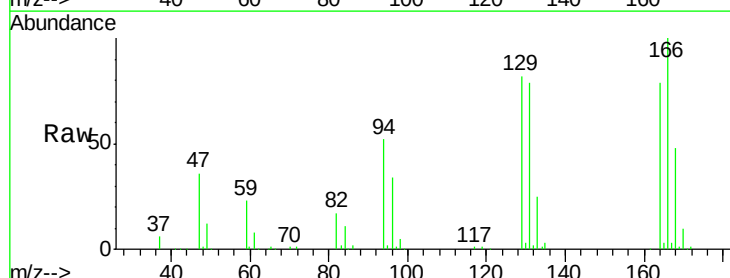
Ion Ratio Lower Upper

164 100

129 102.9 72.0 133.8

131 99.7 67.9 126.1

166 126.1 87.1 161.7



Abundance Ion 164.00 (163.70 to 164.70): VU036931.D (-2239) (-)

