

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036937.D
 Acq On : 27 Feb 2020 12:46
 Operator : JC/MD
 Sample : L1686-11ME
 Misc : 6.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW08ME

Quant Time: Feb 27 22:31:30 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	253793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	244128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	103860	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78561	36.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.72%
7) Chloroethane-d5	1.89	69	26917	15.26	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	30.52%#
11) 1,1-Dichloroethene-d2	2.56	63	107668	30.17	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.34%
21) 2-Butanone-d5	4.68	46	138293	96.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.73%
24) Chloroform-d	5.10	84	145172	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.22%
26) 1,2-Dichloroethane-d4	5.74	65	105548	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
32) Benzene-d6	5.75	84	323528	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
36) 1,2-Dichloropropane-d6	6.72	67	107497	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.00%
41) Toluene-d8	7.92	98	292666	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	8.20	79	47871	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.67	63	121780	108.89	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.89%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	167724	52.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.02%
64) 1,2-Dichlorobenzene-d4	12.21	152	96684	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%

Target Compounds

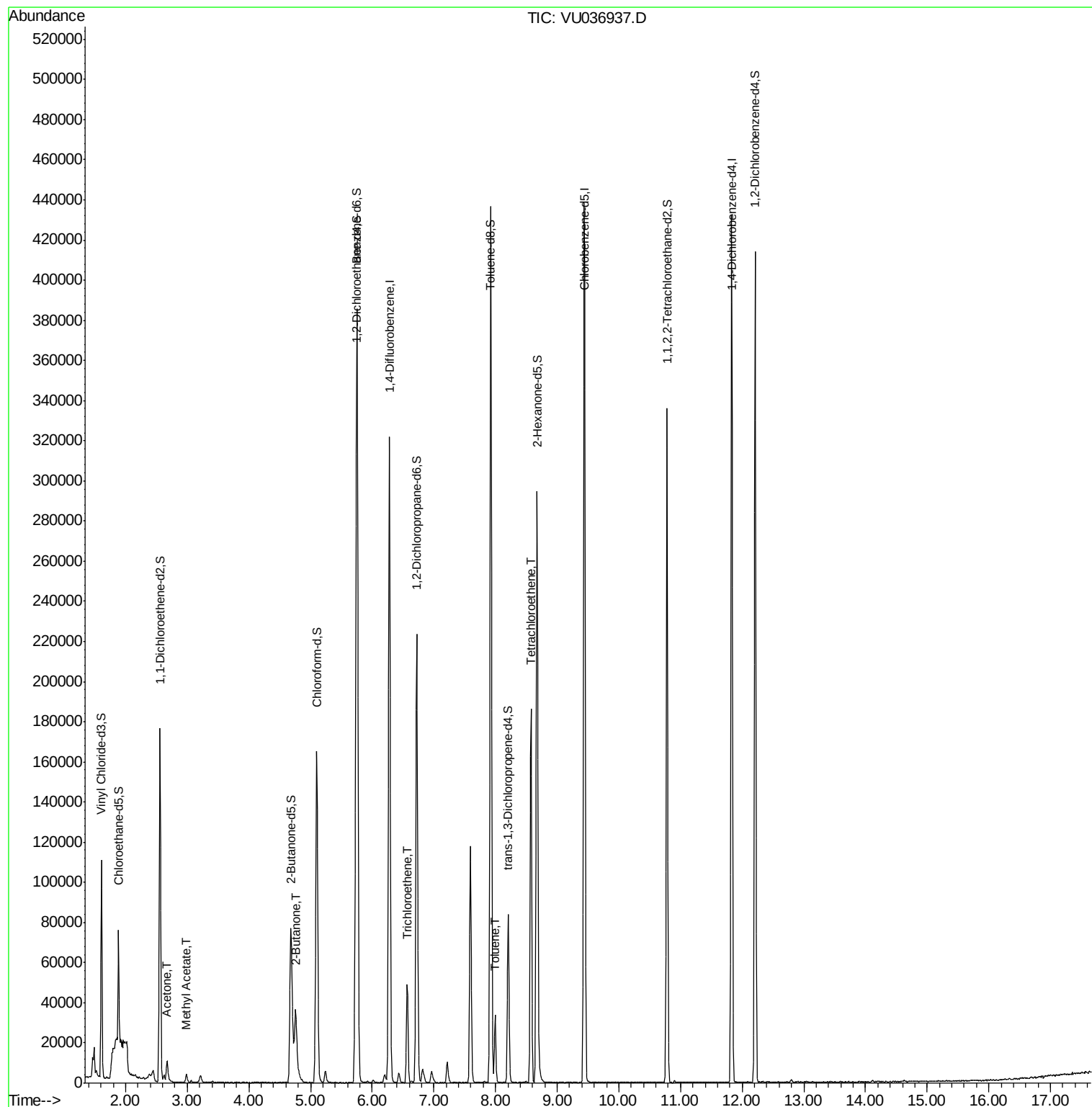
					Ovalue
13) Acetone	2.67	43	13098	8.907	ug/L 98
15) Methyl Acetate	2.98	43	5248	2.341	ug/L 100
22) 2-Butanone	4.76	43	52257	29.470	ug/L 95
34) Trichloroethene	6.57	95	16868	8.899	ug/L 99
42) Toluene	7.99	91	24210	2.946	ug/L 99
46) Tetrachloroethene	8.57	164	37620	30.126	ug/L 97

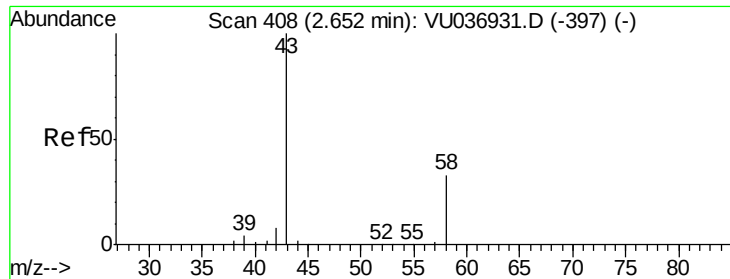
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.907 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.02 min

Lab File: VU036937.D

Acq: 27 Feb 2020 12:46

Instrument :

MSVOA_U

ClientSampleId :

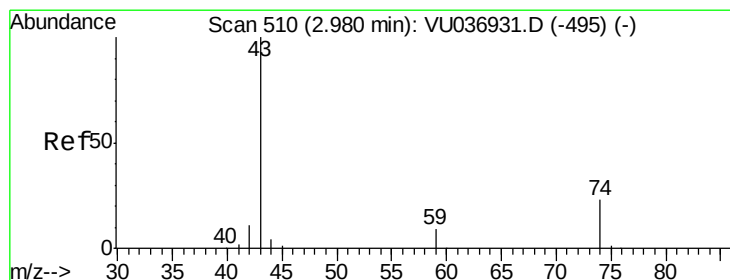
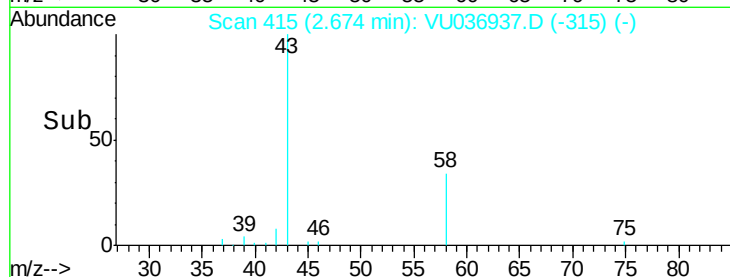
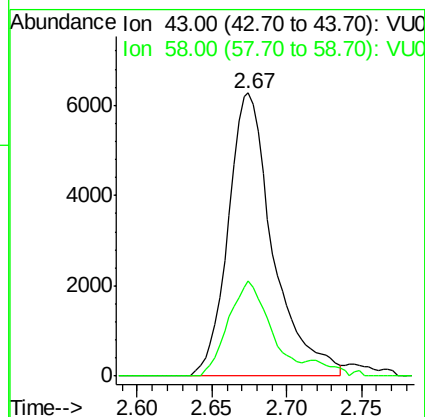
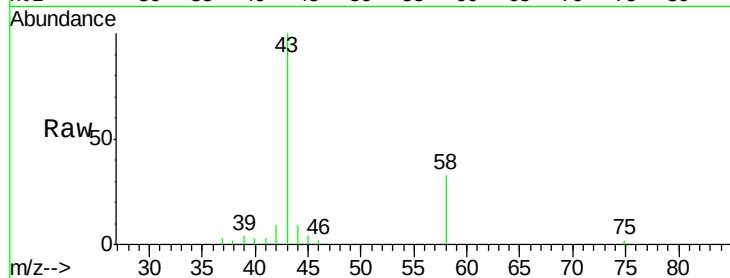
GAW08ME

Tot Ion: 43 Resp: 13098

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.6



#15

Methyl Acetate

Concen: 2.341 ug/L

RT: 2.98 min Scan# 511

Delta R.T. 0.00 min

Lab File: VU036937.D

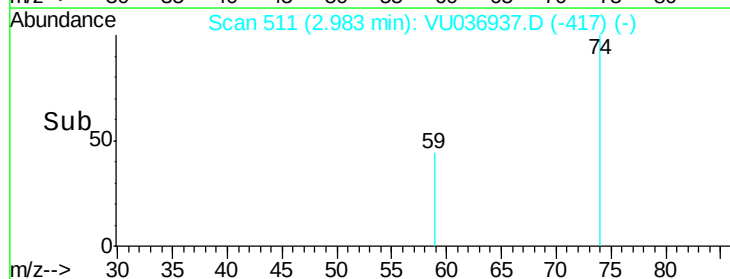
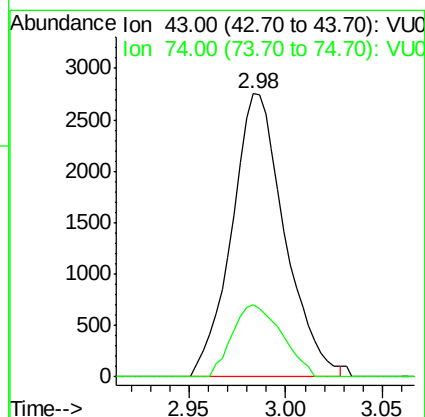
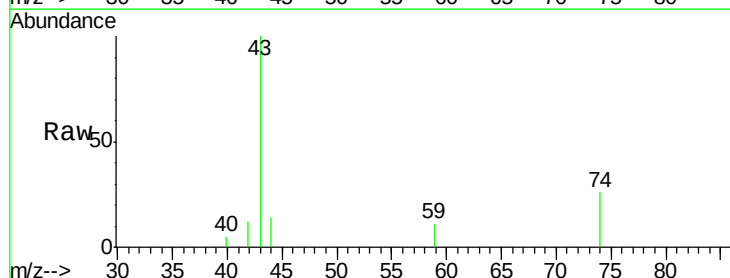
Acq: 27 Feb 2020 12:46

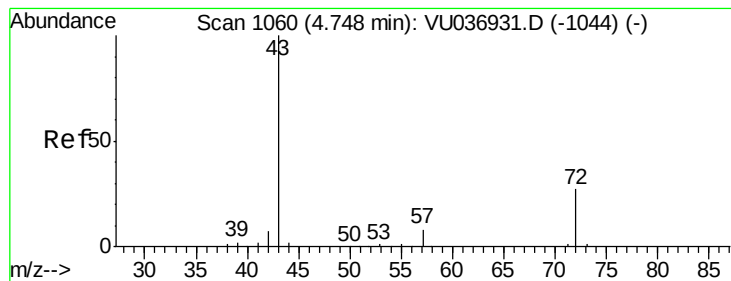
Tgt Ion: 43 Resp: 5248

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.4





#22

2-Butanone

Concen: 29.470 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VU036937.D

Acq: 27 Feb 2020 12:46

Instrument :

MSVOA_U

ClientSampleId :

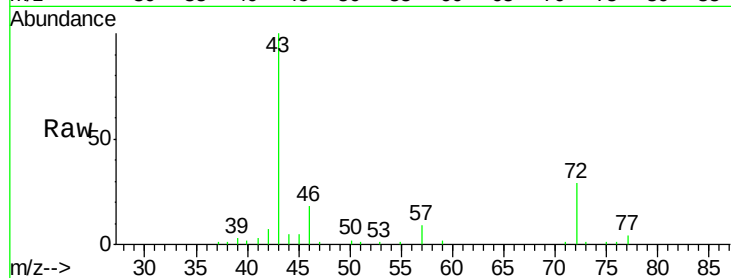
GAW08ME

Tot Ion: 43 Resp: 52257

Ion Ratio Lower Upper

43 100

72 24.9 13.9 41.6



Abundance Ion 43.00 (42.70 to 43.70): VU036937.D (-1044) (-)

Ion 72.00 (71.70 to 72.70): VU036937.D (-1044) (-)

4.76

20000

15000

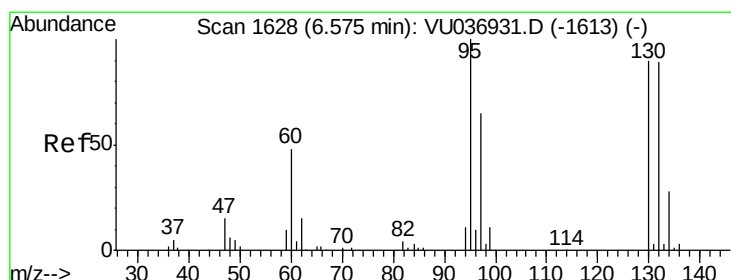
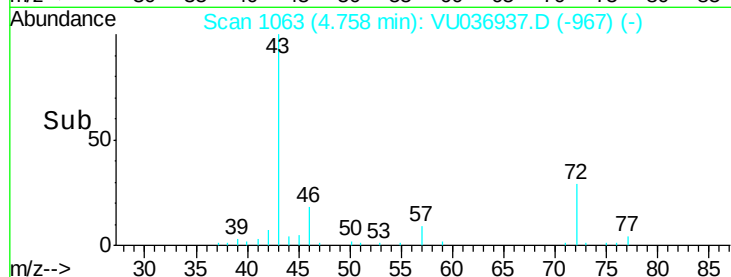
10000

5000

0

4.70 4.80 4.90

Time-->



#34

Trichloroethene

Concen: 8.899 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VU036937.D

Acq: 27 Feb 2020 12:46

Tgt Ion: 95 Resp: 16868

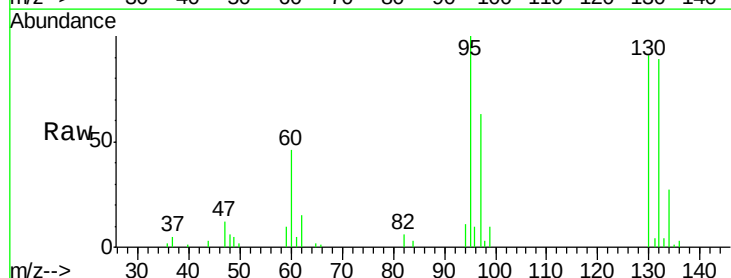
Ion Ratio Lower Upper

95 100

97 62.9 44.1 81.9

132 88.6 60.6 112.6

130 91.4 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU036937.D (-1613) (-)

Ion 97.00 (96.70 to 97.70): VU036937.D (-1613) (-)

Ion 132.00 (131.70 to 132.70): VU036937.D (-1613) (-)

Ion 130.00 (129.70 to 130.70): VU036937.D (-1613) (-)

6.57

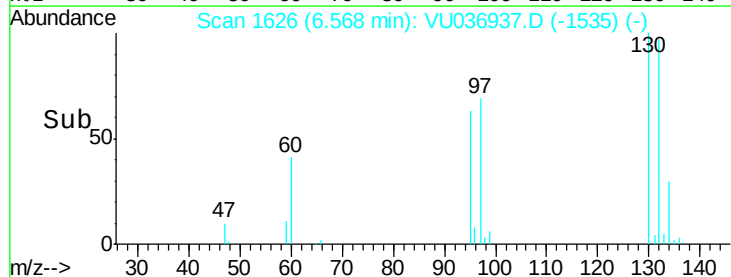
10000

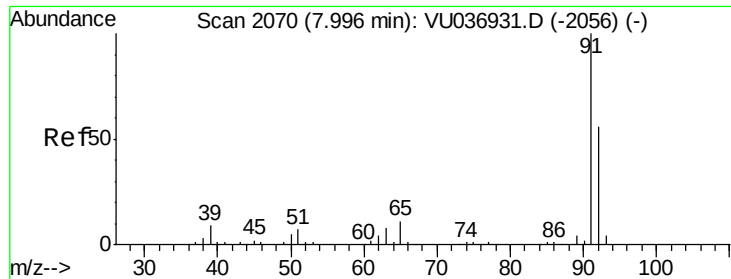
5000

0

6.50 6.55 6.60

Time-->





#42

Toluene

Concen: 2.946 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU036937.D

Acq: 27 Feb 2020 12:46

Instrument :

MSVOA_U

ClientSampleId :

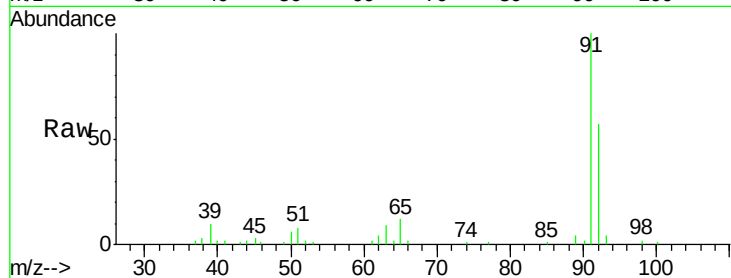
GAW08ME

Tot Ion: 91 Resp: 24210

Ion Ratio Lower Upper

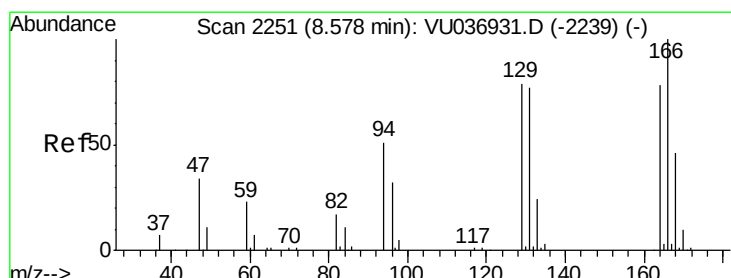
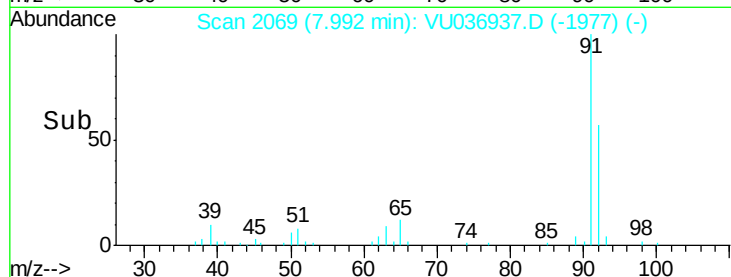
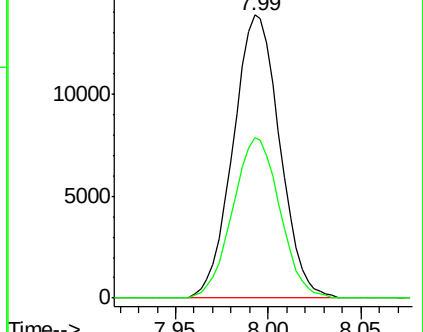
91 100

92 56.7 39.4 73.2



Abundance Ion 91.00 (90.70 to 91.70): VU036937.D (-1977) (-)

Ion 92.00 (91.70 to 92.70): VU036937.D (-1977) (-)



#46

Tetrachloroethene

Concen: 30.126 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036937.D

Acq: 27 Feb 2020 12:46

Tgt Ion: 164 Resp: 37620

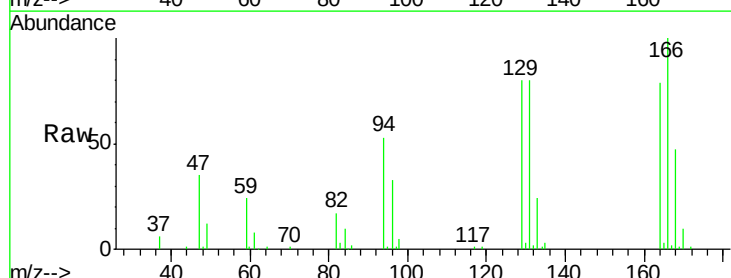
Ion Ratio Lower Upper

164 100

129 101.7 72.0 133.8

131 101.7 67.9 126.1

166 126.8 87.1 161.7



Abundance Ion 164.00 (163.70 to 164.70): VU036937.D (-2158) (-)

Ion 129.00 (128.70 to 129.70): VU036937.D (-2158) (-)

Ion 131.00 (130.70 to 131.70): VU036937.D (-2158) (-)

Ion 166.00 (165.70 to 166.70): VU036937.D (-2158) (-)

