

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037934.D
 Acq On : 30 Apr 2020 00:33
 Operator : JC/MD
 Sample : L2410-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF8

Quant Time: Apr 30 06:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	590454	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	238789	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	239519	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.93	69	209955	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.02%
11) 1,1-Dichloroethene-d2	2.59	63	292400	35.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.04%
21) 2-Butanone-d5	4.66	46	398494	97.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	5.10	84	391348	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	292323	53.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.44%
32) Benzene-d6	5.76	84	847908	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
36) 1,2-Dichloropropane-d6	6.72	67	291010	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.12%
41) Toluene-d8	7.92	98	727872	50.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.14%
43) trans-1,3-Dichloropropene-	8.20	79	109049	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
47) 2-Hexanone-d5	8.65	63	257593	90.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	398418	54.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.34%
64) 1,2-Dichlorobenzene-d4	12.20	152	256752	55.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.52%

Target Compounds

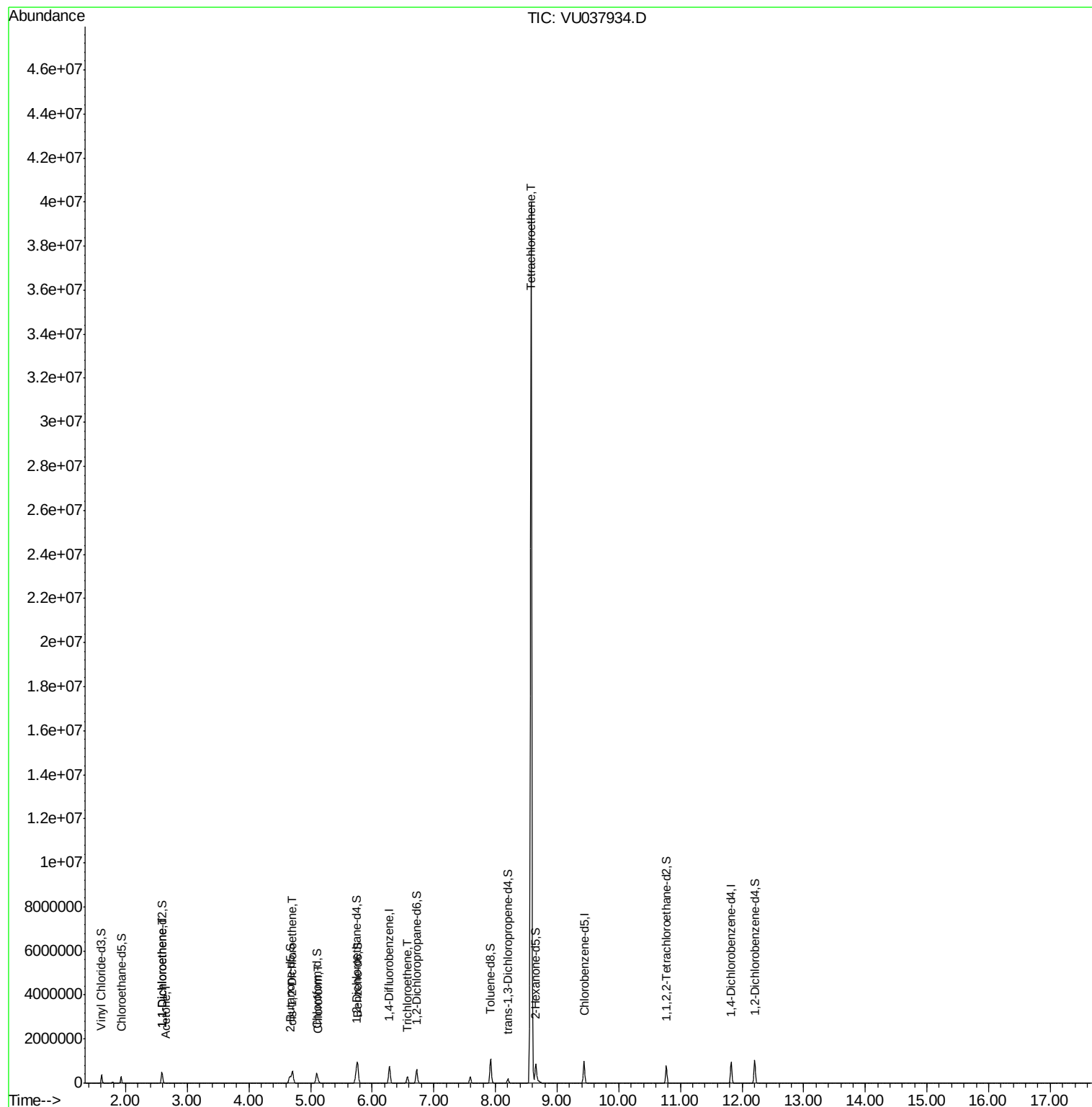
					Ovalue
12) 1,1-Dichloroethene	2.59	96	3356	0.936 ug/L	# 1
13) Acetone	2.65	43	7679	3.149 ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	264229	60.209 ug/L	94
25) Chloroform	5.13	83	22530	2.980 ug/L	97
34) Trichloroethene	6.57	95	94797	22.992 ug/L	96
46) Tetrachloroethene	8.58	164	8314561	2759.029 ug/L	96

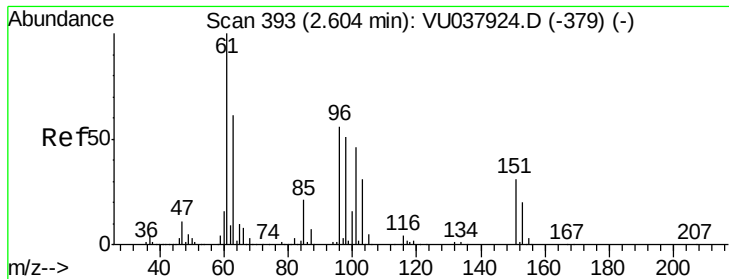
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.936 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037934.D

Acq: 30 Apr 2020 00:33

Instrument :

MSVOA_U

ClientSampleId :

DBEF8

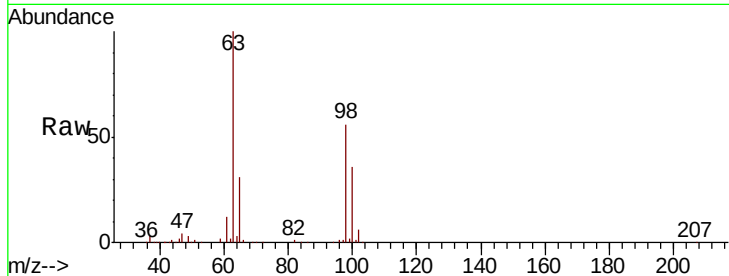
Tot Ion: 96 Resp: 3356

Ion Ratio Lower Upper

96 100

61 1263.5 134.1 249.0#

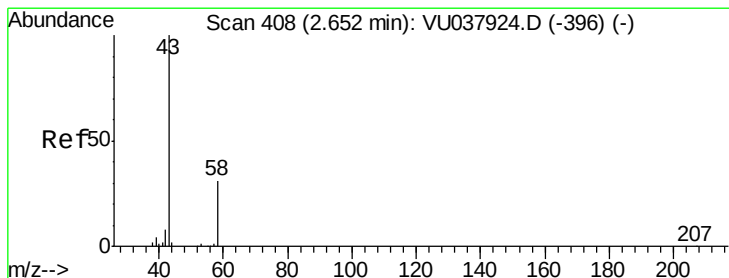
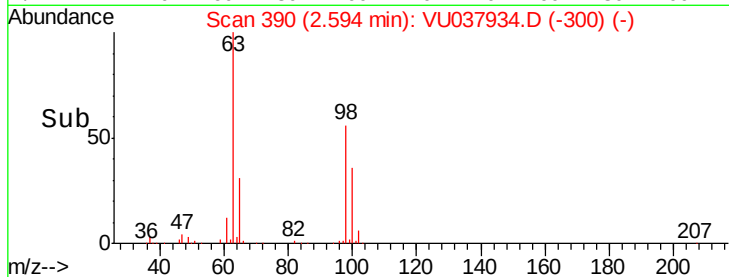
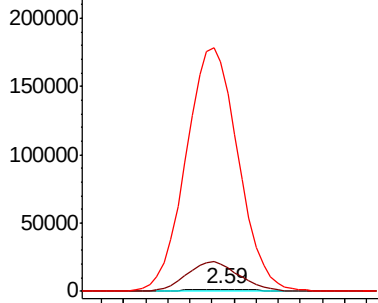
63 10661.2 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU037934.D (-390) (-)

Ion 61.00 (60.70 to 61.70): VU037934.D (-390) (-)

Ion 63.00 (62.70 to 63.70): VU037934.D (-390) (-)



#13

Acetone

Concen: 3.149 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037934.D

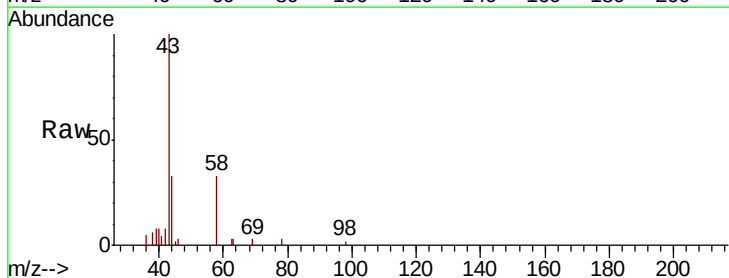
Acq: 30 Apr 2020 00:33

Tgt Ion: 43 Resp: 7679

Ion Ratio Lower Upper

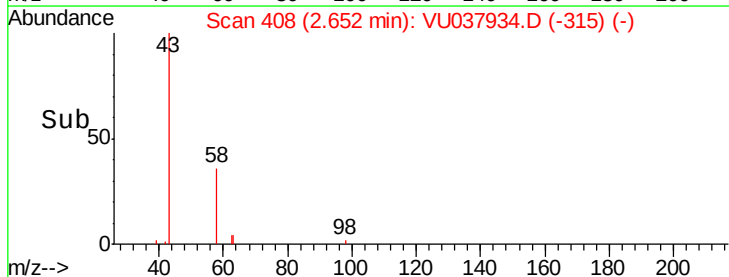
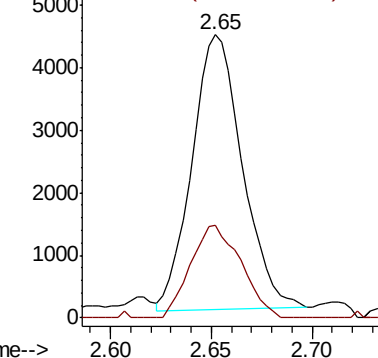
43 100

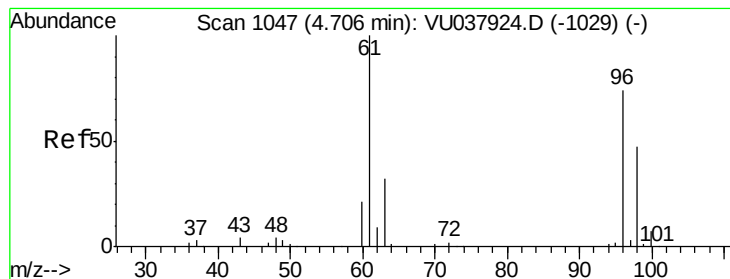
58 33.6 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037934.D (-408) (-)

Ion 58.00 (57.70 to 58.70): VU037934.D (-408) (-)





#20

cis-1,2-Dichloroethene

Concen: 60.209 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037934.D

Acq: 30 Apr 2020 00:33

Instrument :

MSVOA_U

ClientSampled :

DBEF8

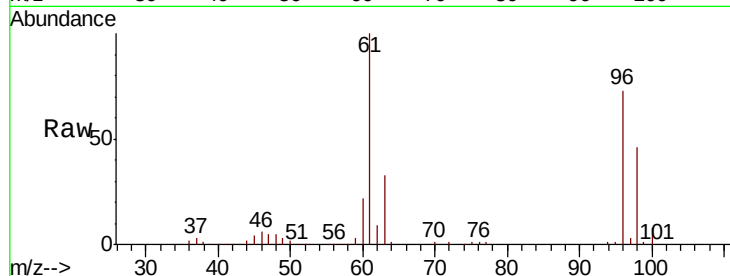
Tot Ion: 96 Resp: 264229

Ion Ratio Lower Upper

96 100

61 136.3 100.4 186.4

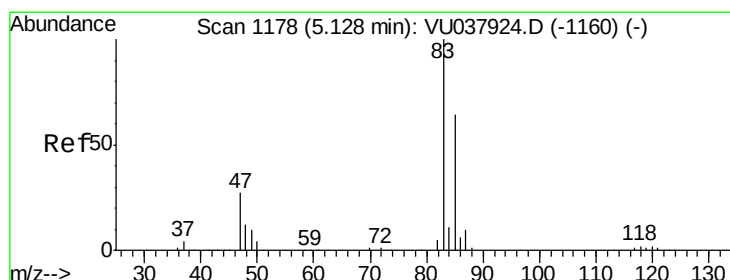
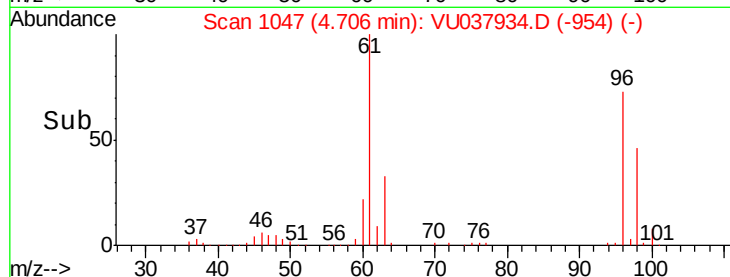
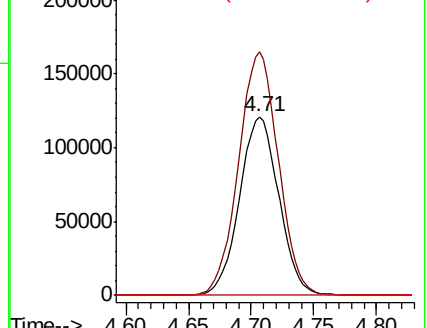
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037924.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU037924.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU037924.D (-1029) (-)



#25

Chloroform

Concen: 2.980 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037934.D

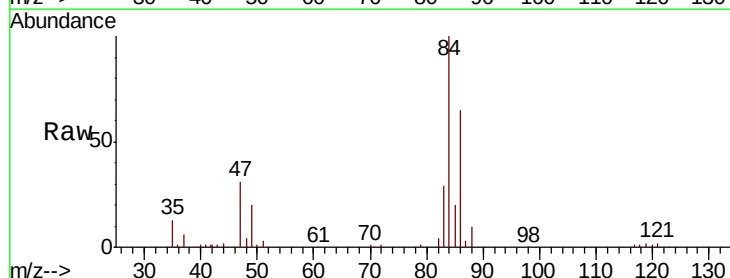
Acq: 30 Apr 2020 00:33

Tgt Ion: 83 Resp: 22530

Ion Ratio Lower Upper

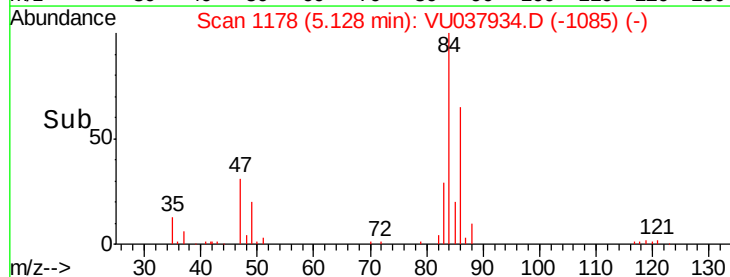
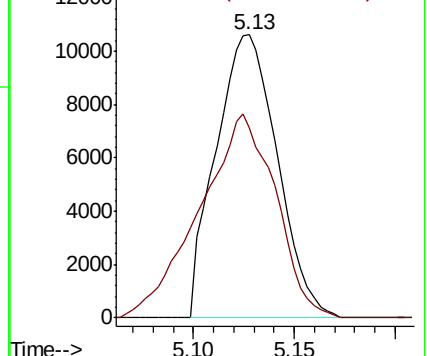
83 100

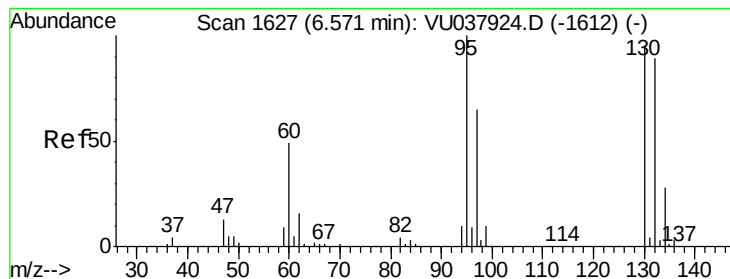
85 67.2 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU037924.D (-1160) (-)

Ion 85.00 (84.70 to 85.70): VU037924.D (-1160) (-)





#34

Trichloroethene

Concen: 22.992 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037934.D

Acq: 30 Apr 2020 00:33

Instrument :

MSVOA_U

ClientSampleId :

DBEF8

Tot Ion: 95 Resp: 94797

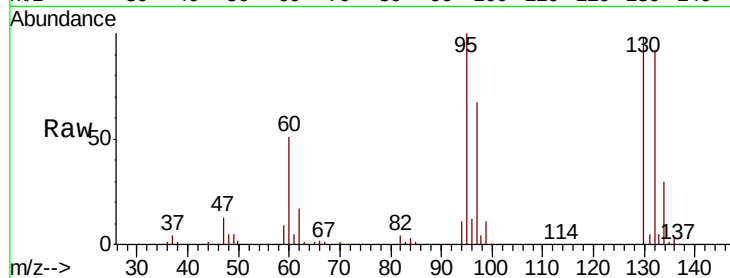
Ion Ratio Lower Upper

95 100

97 67.3 44.4 82.5

132 91.6 65.0 120.6

130 98.3 65.5 121.7



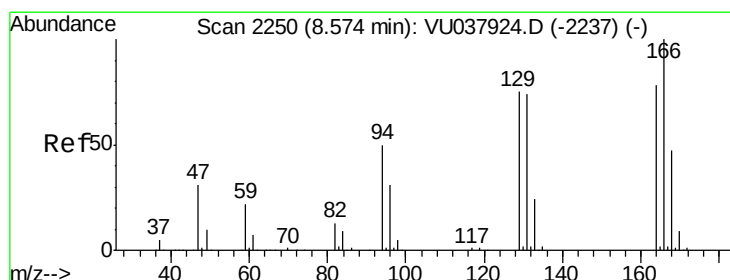
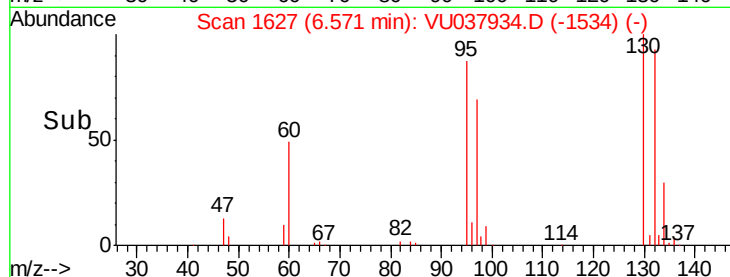
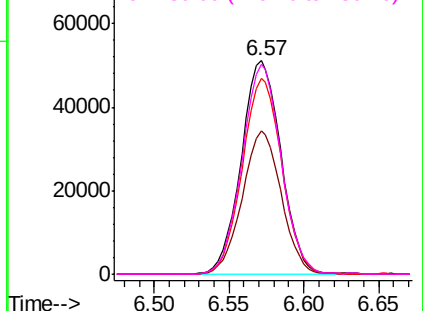
Abundance

Ion 95.00 (94.70 to 95.70): VU037924.D (-1612) (-)

Ion 97.00 (96.70 to 97.70): VU037924.D (-1612) (-)

Ion 132.00 (131.70 to 132.70): VU037924.D (-1612) (-)

Ion 130.00 (129.70 to 130.70): VU037924.D (-1612) (-)



#46

Tetrachloroethene

Concen: 2759.029 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037934.D

Acq: 30 Apr 2020 00:33

Tgt Ion: 164 Resp: 8314561

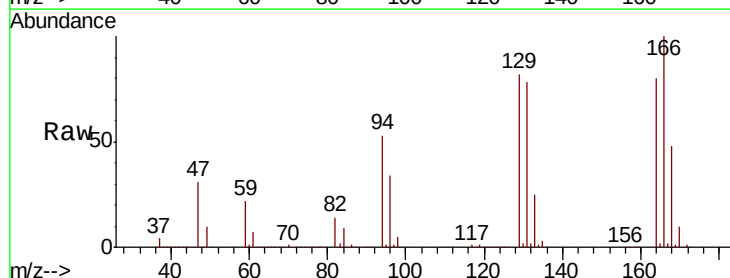
Ion Ratio Lower Upper

164 100

129 102.3 67.3 125.1

131 97.4 64.8 120.4

166 125.4 88.5 164.4



Abundance

Ion 164.00 (163.70 to 164.70): VU037924.D (-2237) (-)

Ion 129.00 (128.70 to 129.70): VU037924.D (-2237) (-)

Ion 131.00 (130.70 to 131.70): VU037924.D (-2237) (-)

Ion 166.00 (165.70 to 166.70): VU037924.D (-2237) (-)

