

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037792.D
 Acq On : 17 Apr 2020 23:51
 Operator : JC/MD
 Sample : L2319-04
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD6

Quant Time: Apr 18 06:30:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	275366	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262818	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80867	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	76309	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.59	63	110072	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.66	46	312053	54.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.06%
24) Chloroform-d	5.10	84	159916	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	94864	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.76	84	327954	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	112495	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.92	98	291966	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.20	79	45926	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.65	63	261507	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	87258	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	107423	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

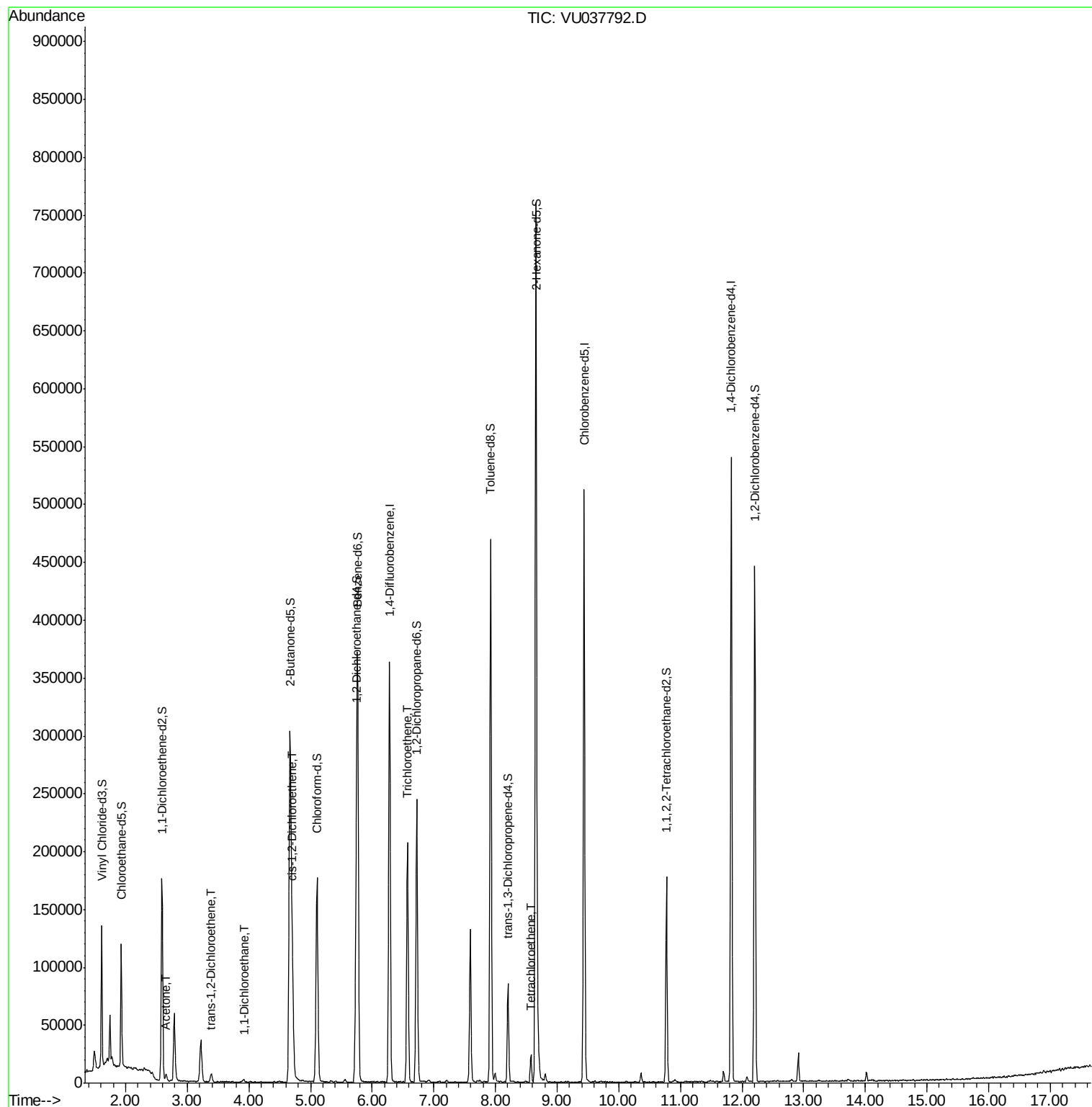
					Ovalue
13) Acetone	2.66	43	6927	1.836	ug/L 93
18) trans-1,2-Dichloroethene	3.39	96	2492	0.121	ug/L 94
19) 1,1-Dichloroethane	3.91	63	3215	0.081	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	38022	1.708	ug/L 93
34) Trichloroethene	6.57	95	70148	3.287	ug/L 97
47) Tetrachloroethene	8.57	164	4829	0.315	ug/L 89

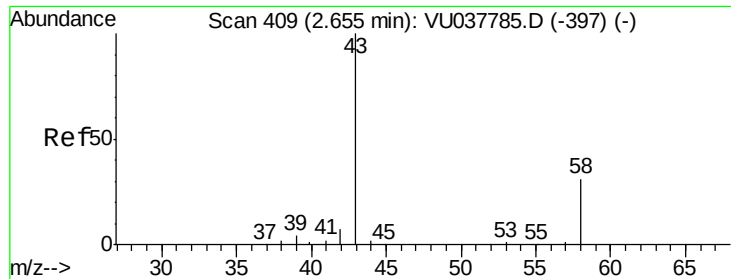
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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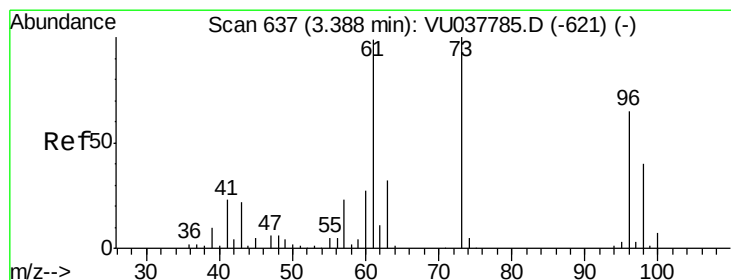
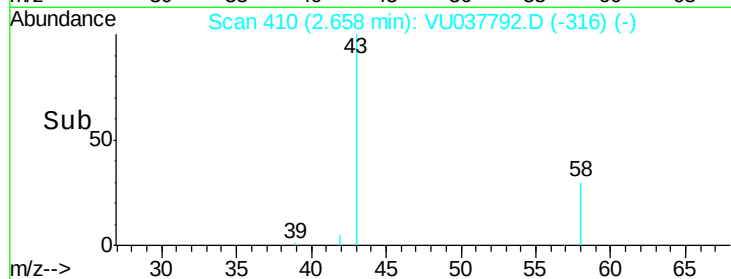
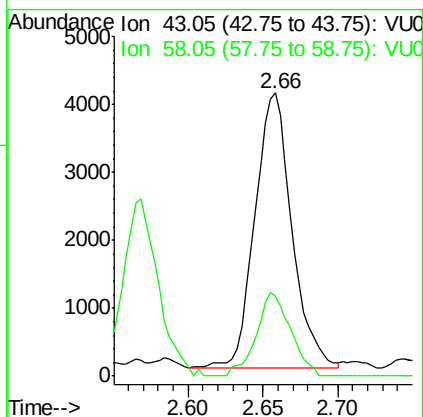
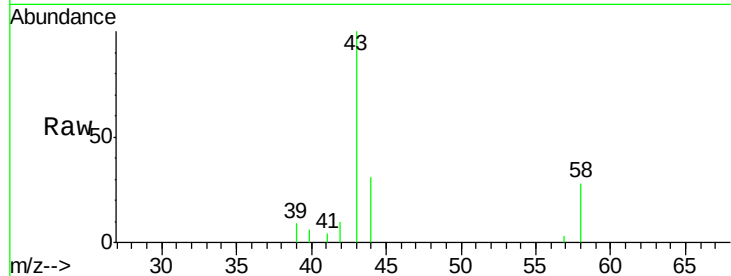




#13
Acetone
Concen: 1.836 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU037792.D
Acq: 17 Apr 2020 23:51

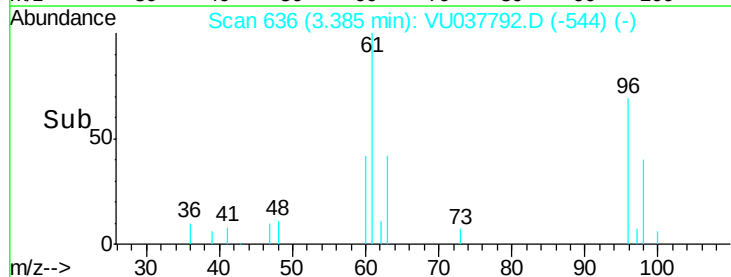
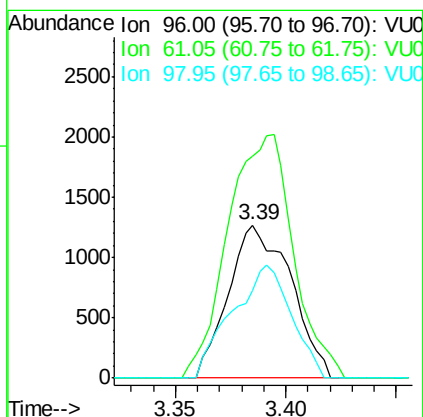
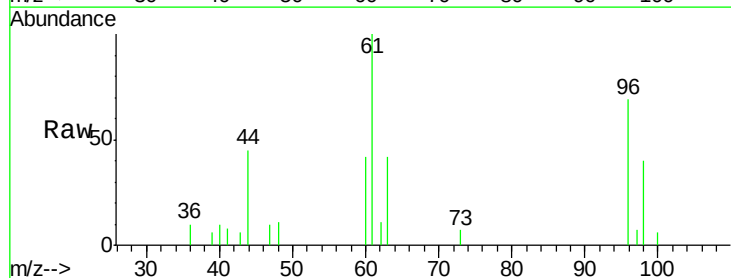
Instrument :
MSVOA_U
ClientSampleId :
C0AD6

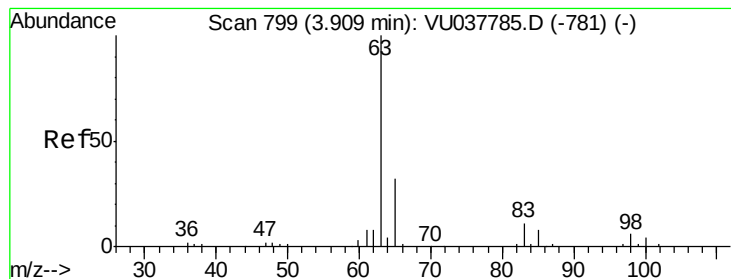
Tot Ion: 43 Resp: 6927
Ion Ratio Lower Upper
43 100
58 28.3 0.0 64.8



#18
trans-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU037792.D
Acq: 17 Apr 2020 23:51

Tgt Ion: 96 Resp: 2492
Ion Ratio Lower Upper
96 100
61 145.3 106.7 198.3
98 57.4 44.3 82.3





#19

1,1-Dichloroethane

Concen: 0.081 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU037792.D

Acq: 17 Apr 2020 23:51

Instrument :

MSVOA_U

ClientSampleId :

C0AD6

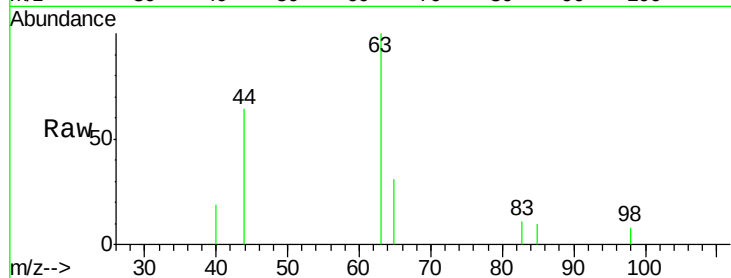
Tot Ion: 63 Resp: 3215

Ion Ratio Lower Upper

63 100

65 31.3 21.6 40.2

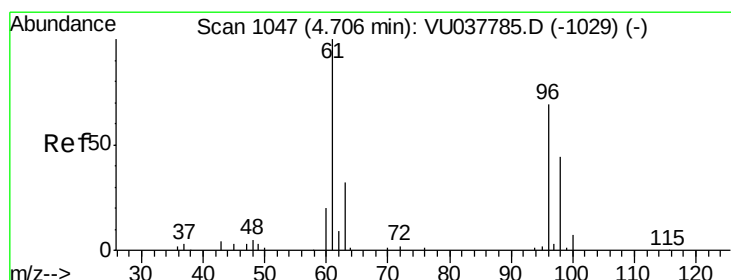
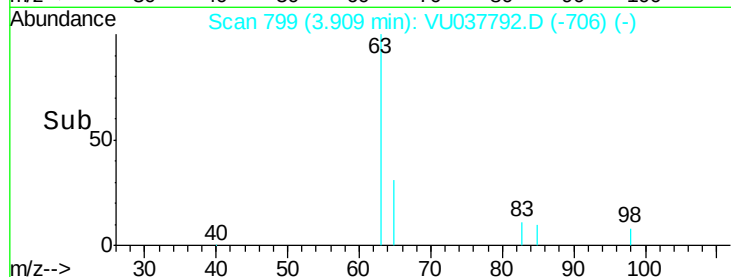
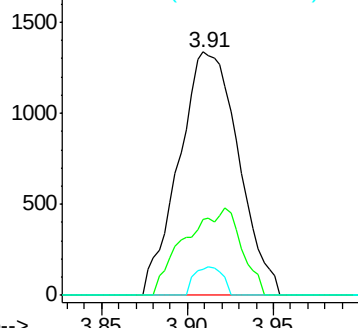
83 10.8 8.6 16.0



Abundance Ion 63.10 (62.80 to 63.80): VU037792.D (-954) (-)

Ion 65.10 (64.80 to 65.80): VU037792.D (-954) (-)

Ion 83.05 (82.75 to 83.75): VU037792.D (-954) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.708 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037792.D

Acq: 17 Apr 2020 23:51

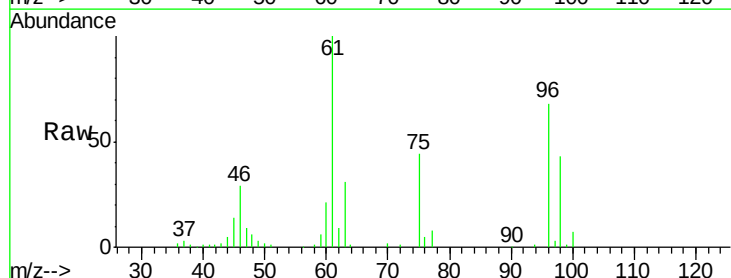
Tgt Ion: 96 Resp: 38022

Ion Ratio Lower Upper

96 100

61 147.4 97.0 180.2

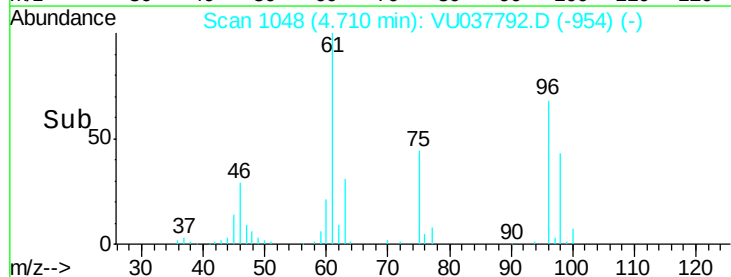
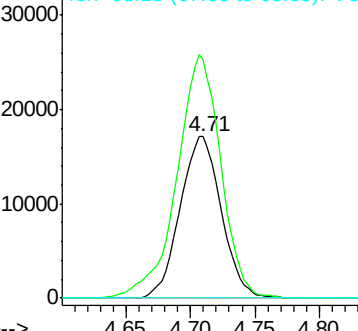
68 0.0 0.0 0.0

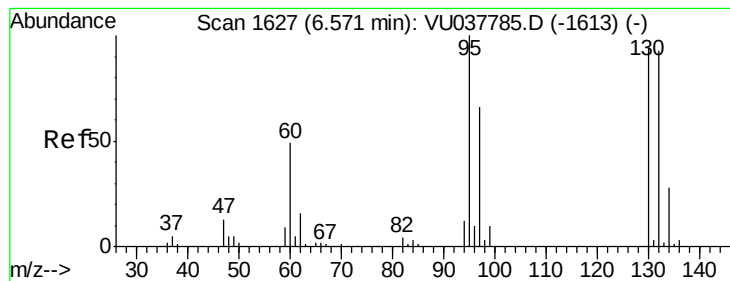


Abundance Ion 96.00 (95.70 to 96.70): VU037792.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU037792.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU037792.D (-954) (-)





#34

Trichloroethene

Concen: 3.287 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037792.D

Acq: 17 Apr 2020 23:51

Instrument :

MSVOA_U

ClientSampleId :

C0AD6

Tot Ion: 95 Resp: 70148

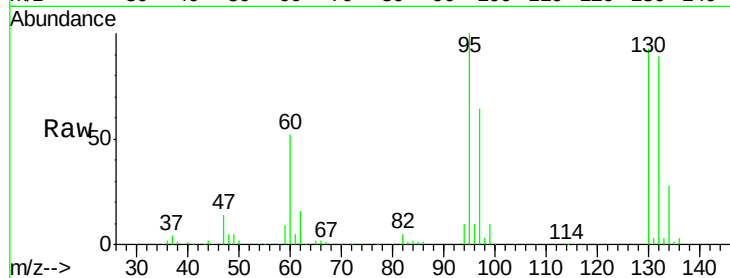
Ion Ratio Lower Upper

95 100

97 64.0 45.4 84.2

132 88.9 63.7 118.3

130 93.1 68.7 127.5



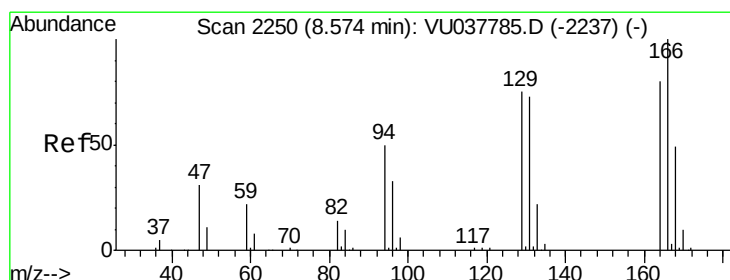
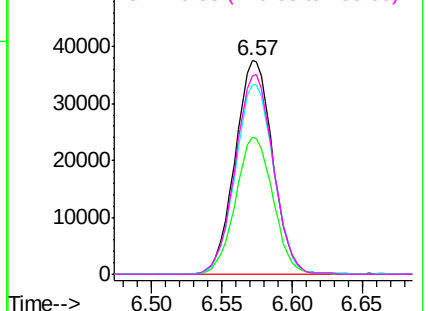
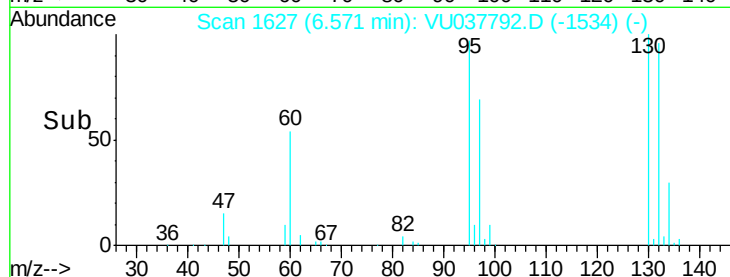
Abundance

Ion 95.00 (94.70 to 95.70): VU037792.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU037792.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU037792.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU037792.D (-1534) (-)



#47

Tetrachloroethene

Concen: 0.315 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU037792.D

Acq: 17 Apr 2020 23:51

Tgt Ion: 164 Resp: 4829

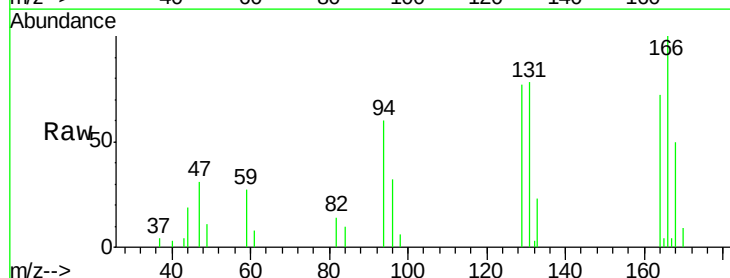
Ion Ratio Lower Upper

164 100

129 106.7 68.1 126.5

131 109.0 65.9 122.5

166 139.0 89.7 166.7



Abundance

Ion 163.90 (163.60 to 164.60): VU037792.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU037792.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU037792.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU037792.D (-2157) (-)

