

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037783.D
 Acq On : 17 Apr 2020 18:23
 Operator : JC/MD
 Sample : L2292-10DL 5X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8L4DL

Quant Time: Apr 18 04:59:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 01:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	248154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	245425	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78360	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.89	69	69433	4.38	ug/L	-0.04
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.58	63	101048	3.03	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	287418	55.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.46%
24) Chloroform-d	5.10	84	142603	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.74	65	85821	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	300242	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.72	67	104083	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.92	98	269136	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	43602	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.66	63	283437	57.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92677	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	111380	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

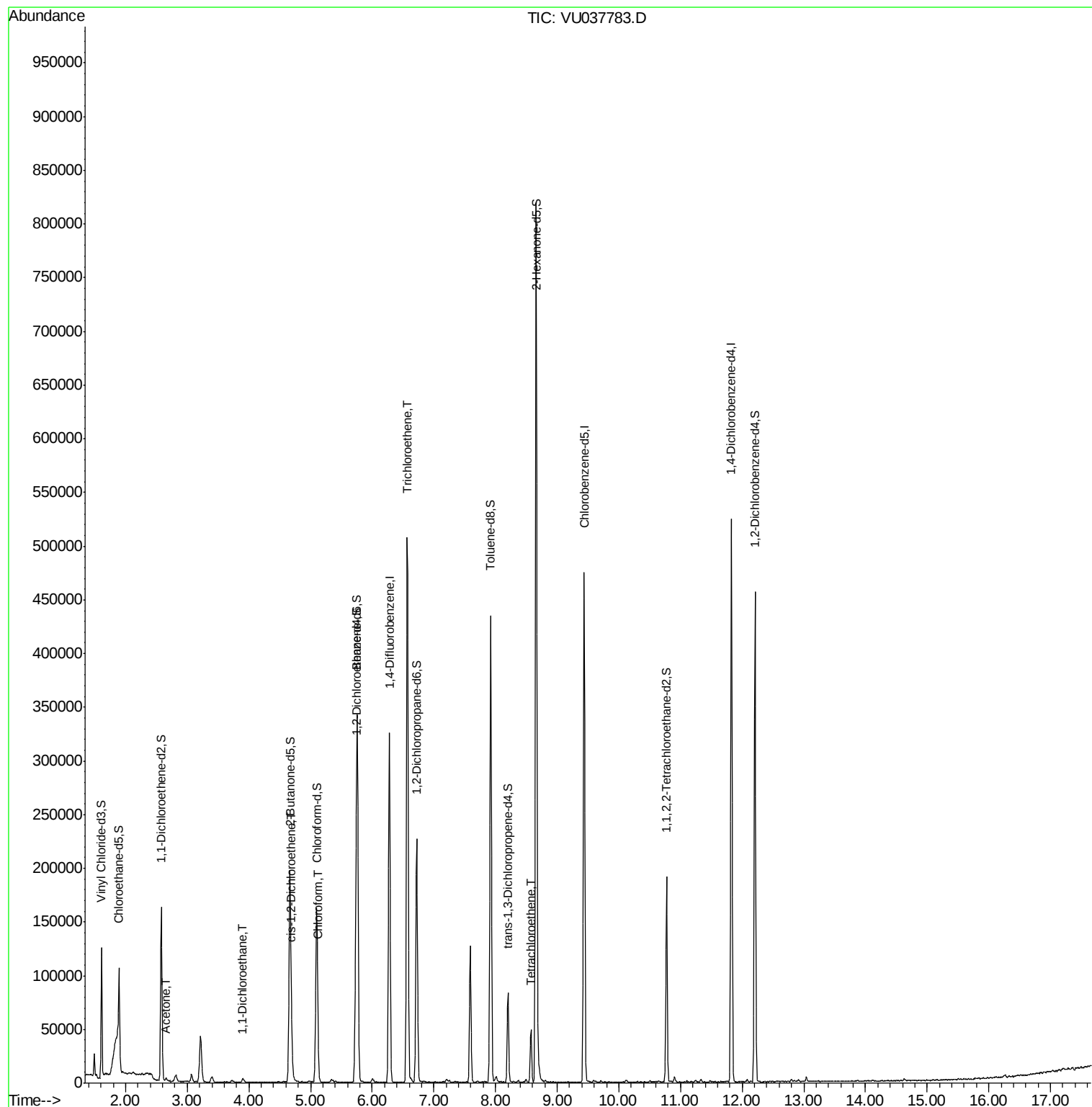
					Ovalue
13) Acetone	2.66	43	4018	1.182	ug/L 83
19) 1,1-Dichloroethane	3.90	63	3850	0.107	ug/L 97
22) cis-1,2-Dichloroethene	4.70	96	3585	0.179	ug/L 96
25) Chloroform	5.12	83	6468	0.190	ug/L 92
34) Trichloroethene	6.57	95	172716	8.667	ug/L 97
47) Tetrachloroethene	8.57	164	10161	0.710	ug/L 92

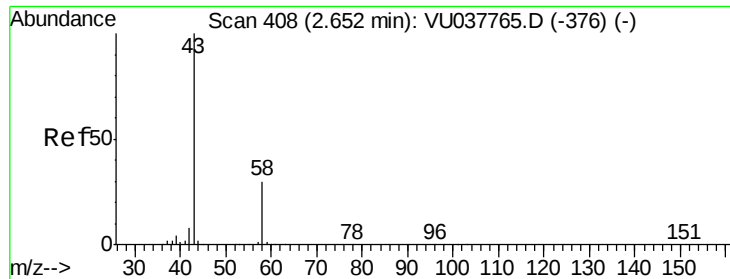
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 01:19:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.182 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037783.D

Acq: 17 Apr 2020 18:23

Instrument :

MSVOA_U

ClientSampleId :

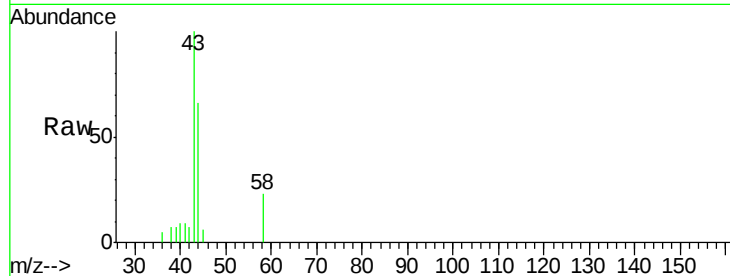
BF8L4DL

Tot Ion: 43 Resp: 4018

Ion Ratio Lower Upper

43 100

58 22.6 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037783.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU037783.D (-315) (-)

2.66

2000

1500

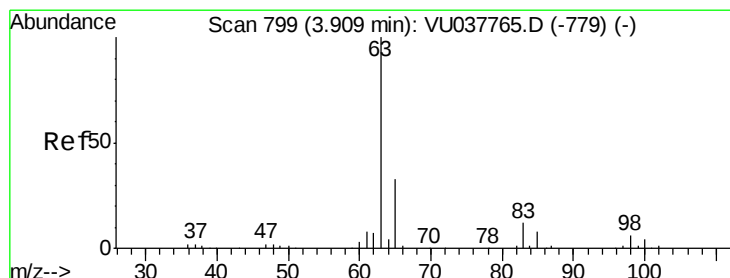
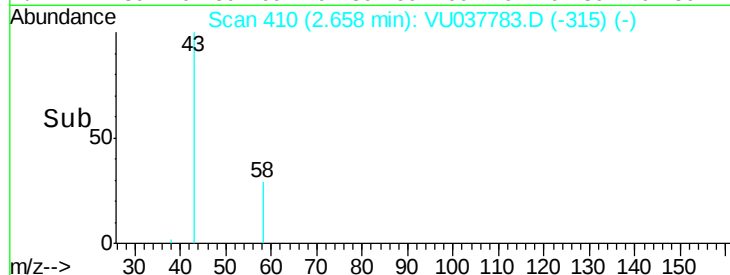
1000

500

0

Time-->

2.60 2.65 2.70



#19

1,1-Dichloroethane

Concen: 0.107 ug/L

RT: 3.90 min Scan# 797

Delta R.T. -0.01 min

Lab File: VU037783.D

Acq: 17 Apr 2020 18:23

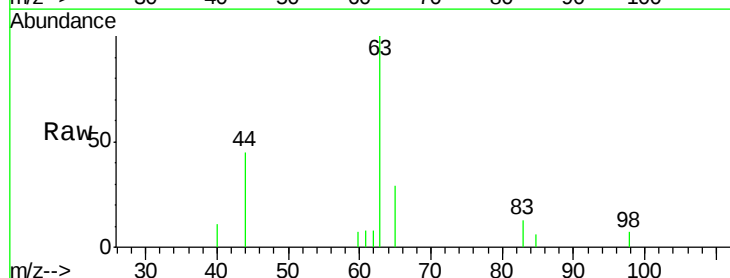
Tgt Ion: 63 Resp: 3850

Ion Ratio Lower Upper

63 100

65 28.9 21.6 40.2

83 12.5 8.6 16.0



Abundance Ion 63.10 (62.80 to 63.80): VU037783.D (-706) (-)

Ion 65.10 (64.80 to 65.80): VU037783.D (-706) (-)

Ion 83.05 (82.75 to 83.75): VU037783.D (-706) (-)

3.90

2000

1500

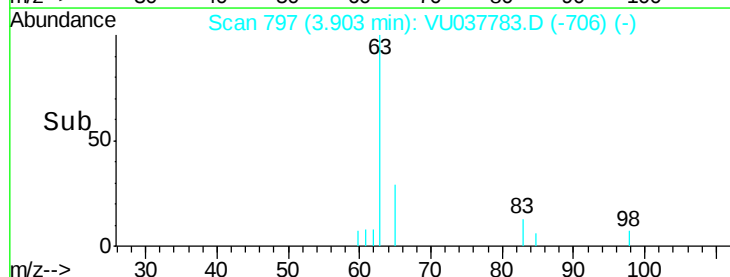
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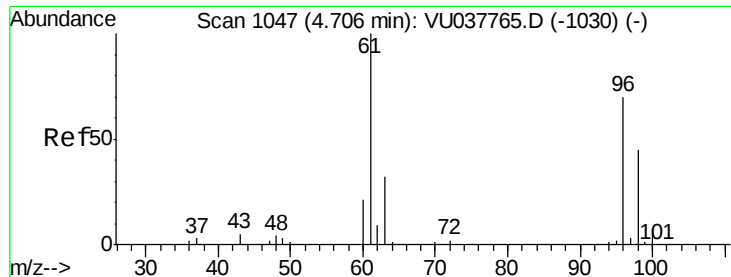
500

0

Time-->

3.85 3.90 3.95





#22

cis-1,2-Dichloroethene

Concen: 0.179 ug/L

RT: 4.70 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VU037783.D

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Instrument :

MSVOA_U

ClientSampleId :

BF8L4DL

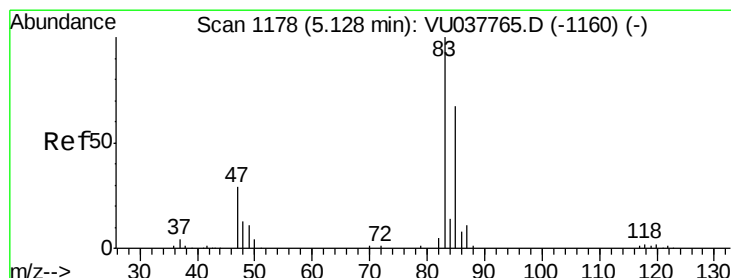
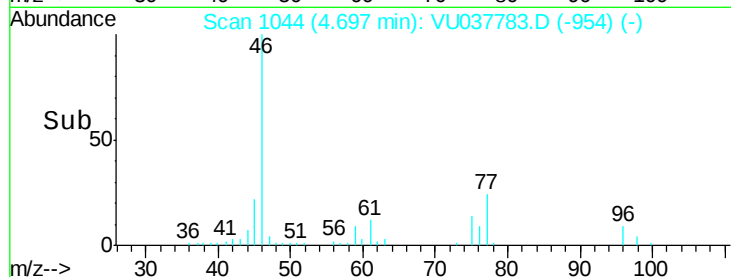
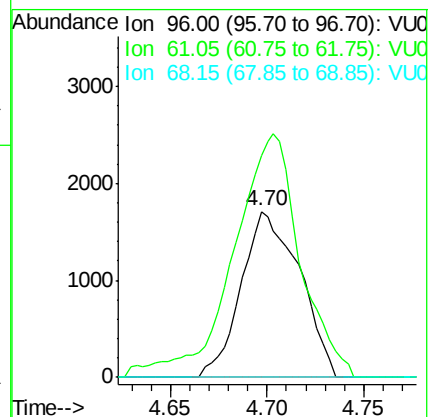
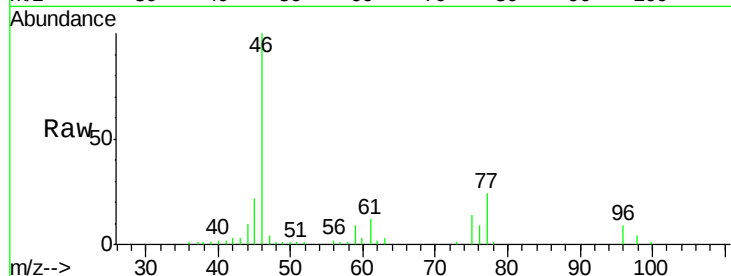
Tot Ion: 96 Resp: 3585

Ion Ratio Lower Upper

96 100

61 133.4 97.0 180.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.190 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU037783.D

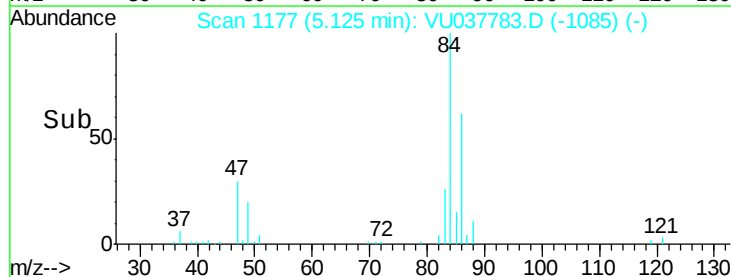
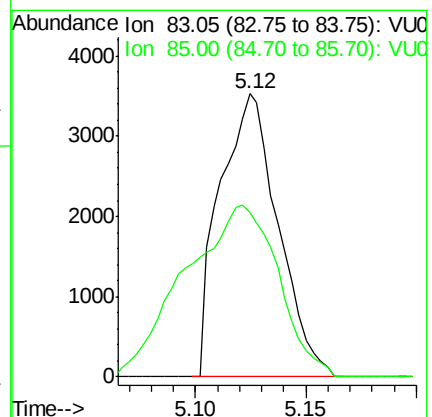
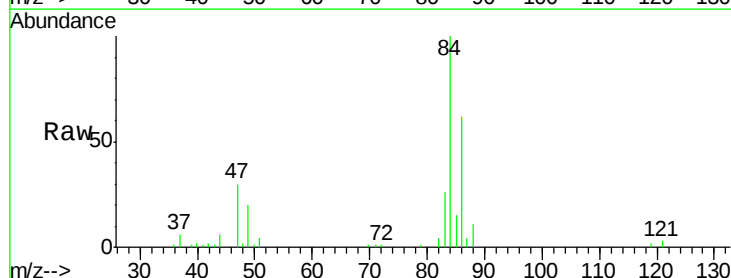
Acq: 17 Apr 2020 18:23

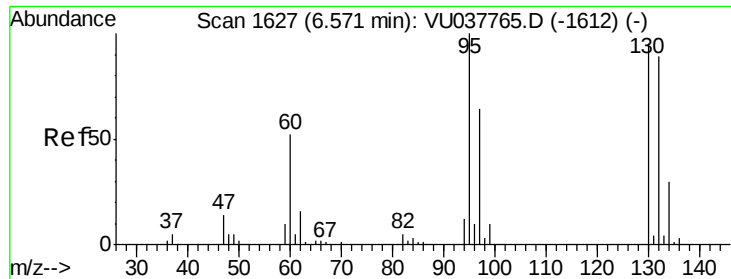
Tgt Ion: 83 Resp: 6468

Ion Ratio Lower Upper

83 100

85 58.1 44.9 83.3

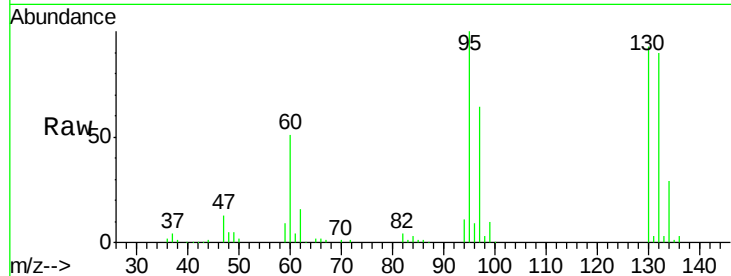




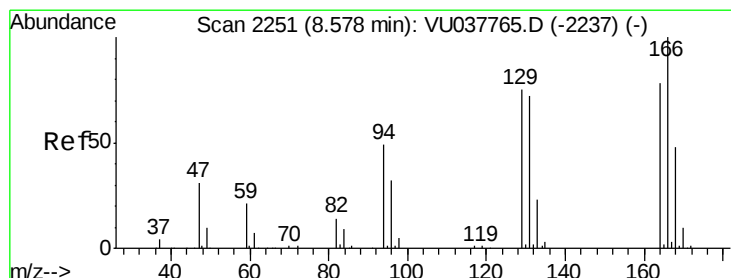
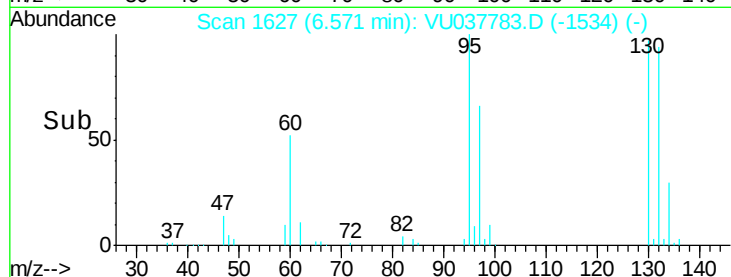
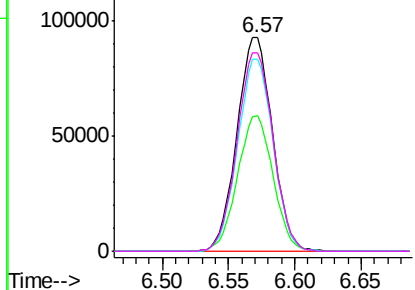
#34
 Trichloroethene
 Concen: 8.667 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037783.D
 Acq: 17 Apr 2020 18:23

Instrument :
 MSVOA_U
 ClientSampleID :
 BF8L4DL

Tot Ion: 95 Resp: 172716
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.4 84.2
 132 90.2 63.7 118.3
 130 92.9 68.7 127.5

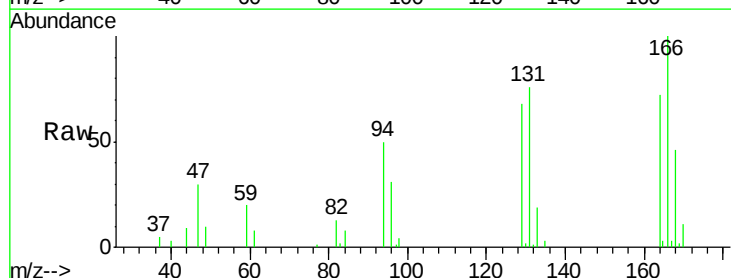


Abundance Ion 95.00 (94.70 to 95.70): VU037783.D (-1534) (-)
 Ion 96.95 (96.65 to 97.65): VU037783.D (-1534) (-)
 Ion 131.95 (131.65 to 132.65): VU037783.D (-1534) (-)
 Ion 129.95 (129.65 to 130.65): VU037783.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 0.710 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037783.D
 Acq: 17 Apr 2020 18:23

Tgt Ion: 164 Resp: 10161
 Ion Ratio Lower Upper
 164 100
 129 94.3 68.1 126.5
 131 105.4 65.9 122.5
 166 138.4 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): VU037783.D (-2158) (-)
 Ion 128.95 (128.65 to 129.65): VU037783.D (-2158) (-)
 Ion 130.95 (130.65 to 131.65): VU037783.D (-2158) (-)
 Ion 165.90 (165.60 to 166.60): VU037783.D (-2158) (-)

