

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060220\
 Data File : VU038504.D
 Acq On : 02 Jun 2020 19:23
 Operator : JC/MD
 Sample : L2856-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXD2

Quant Time: Jun 03 02:49:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	289644	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138019	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64913	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	65339	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.59	63	105319	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.67	46	354304	62.22	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.44%
24) Chloroform-d	5.10	84	180146	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.74	65	111055	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.76	84	342098	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	110545	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.92	98	275033	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.20	79	44388	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	300256	63.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106411	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	123489	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

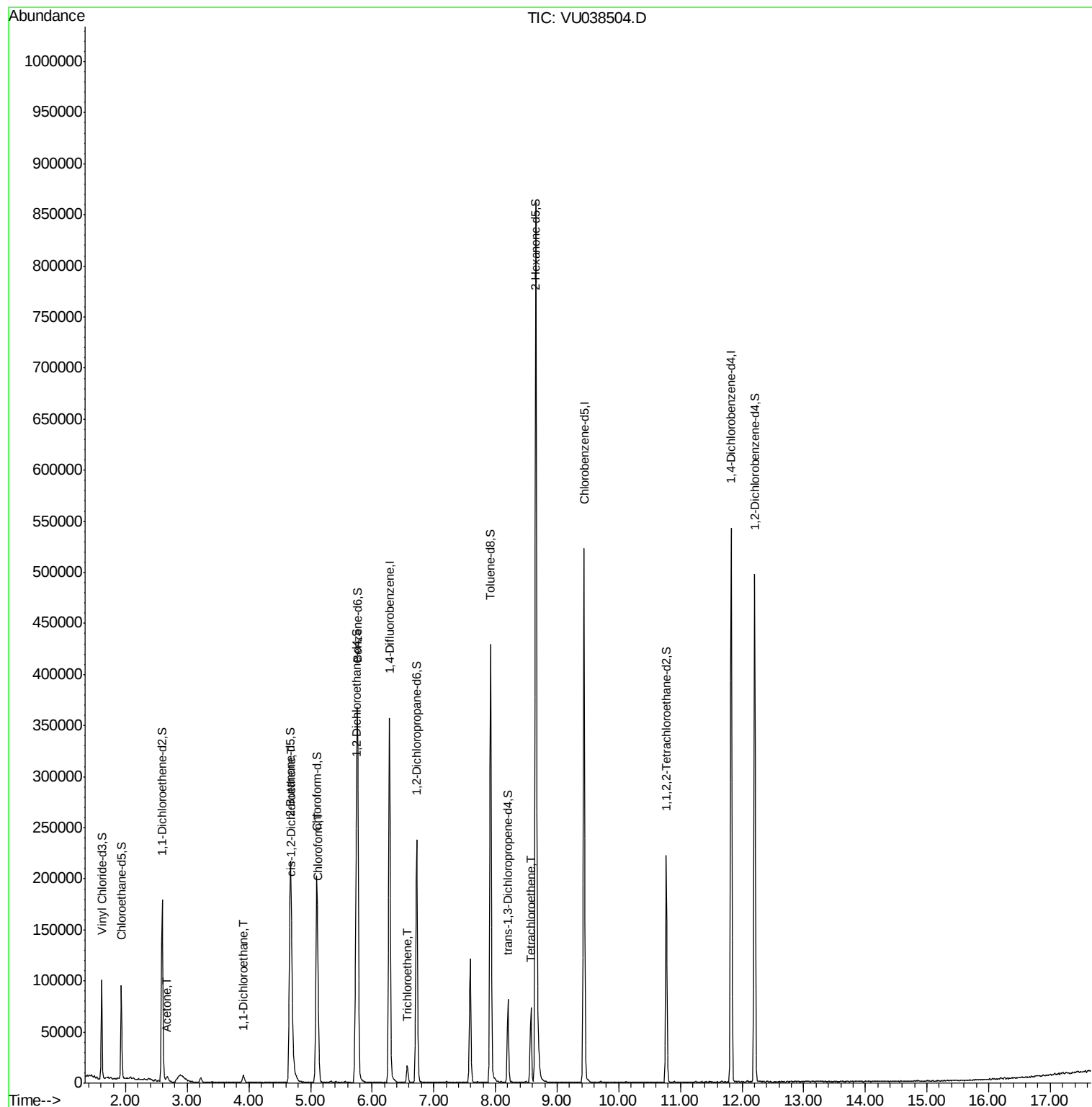
					Qvalue
13) Acetone	2.68	43	8017	2.15 ug/L	99
19) 1,1-Dichloroethane	3.91	63	8190	0.24 ug/L	93
22) cis-1,2-Dichloroethene	4.70	96	4935	0.24 ug/L	96
25) Chloroform	5.12	83	28255	0.81 ug/L	96
34) Trichloroethene	6.57	95	4680	0.22 ug/L	89
47) Tetrachloroethene	8.57	164	16529	1.08 ug/L	95

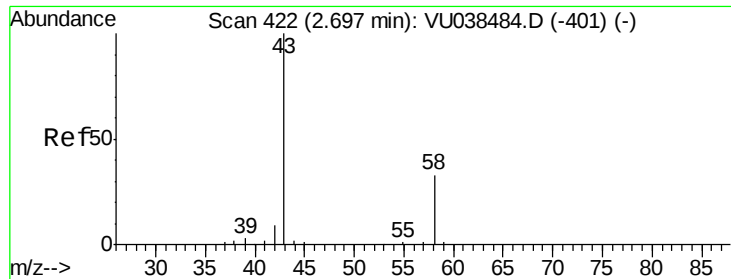
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 03 00:48:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.15 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.02 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

Instrument :

MSVOA_U

ClientSampleId :

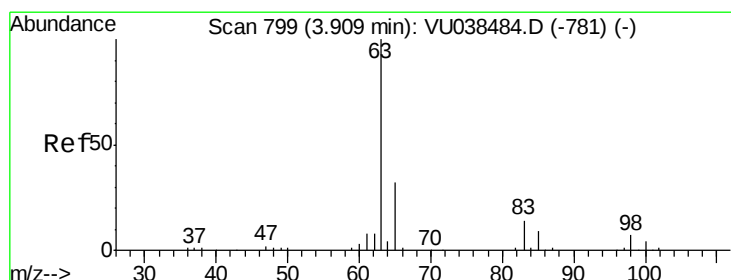
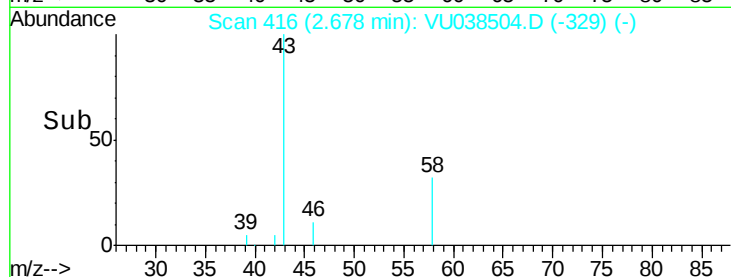
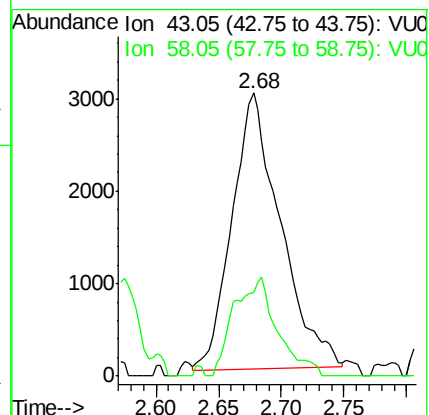
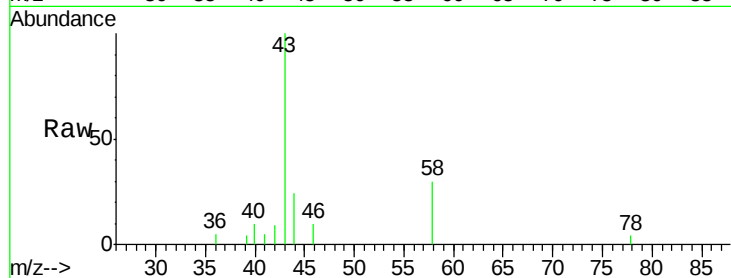
BFXD2

Tgt Ion: 43 Resp: 8017

Ion Ratio Lower Upper

43 100

58 32.1 0.0 65.6



#19

1,1-Dichloroethane

Concen: 0.24 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

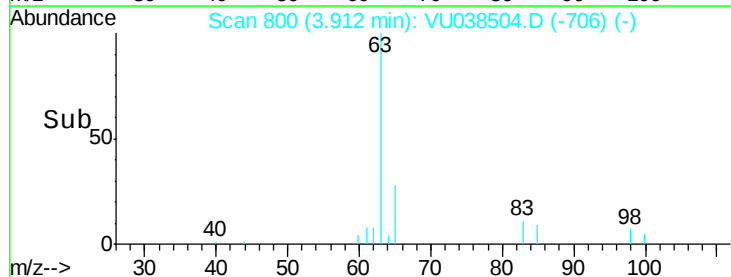
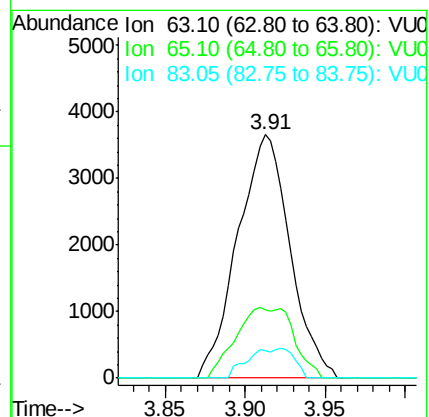
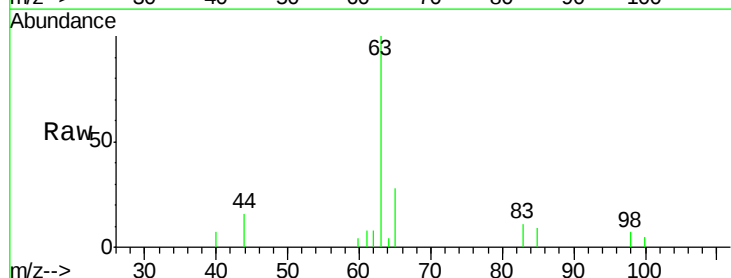
Tgt Ion: 63 Resp: 8190

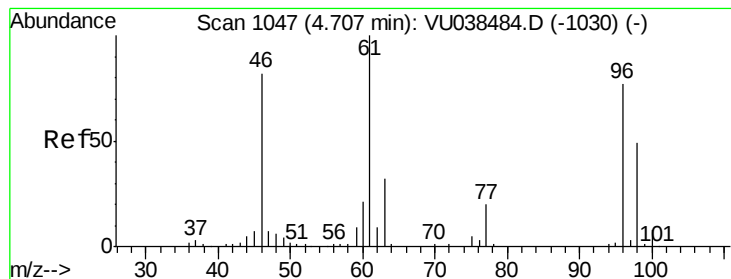
Ion Ratio Lower Upper

63 100

65 28.3 22.3 41.5

83 11.0 10.4 19.4





#22

cis-1,2-Dichloroethene

Concen: 0.24 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

Instrument :

MSVOA_U

ClientSampleId :

BFXD2

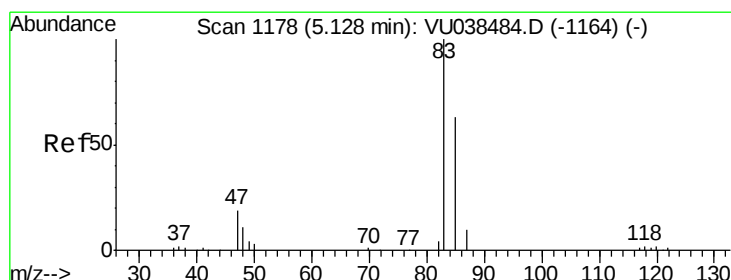
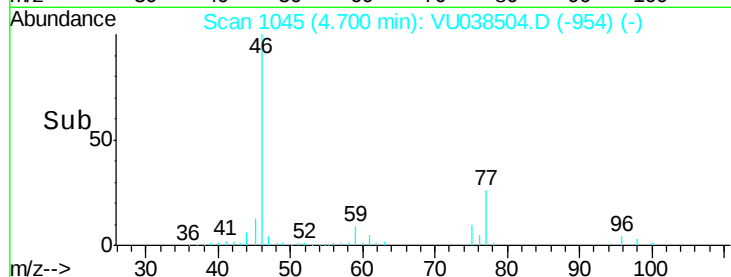
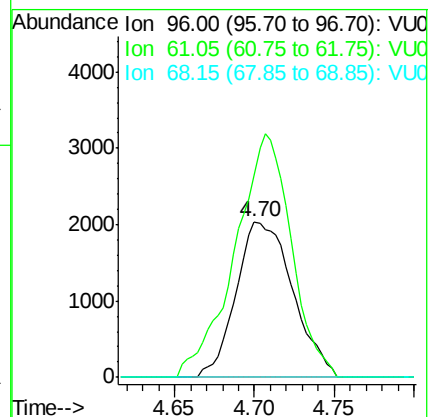
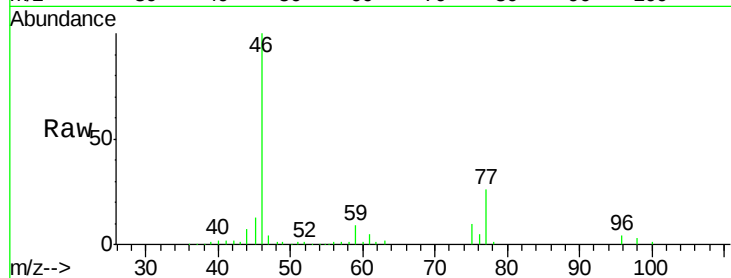
Tgt Ion: 96 Resp: 4935

Ion Ratio Lower Upper

96 100

61 129.6 94.0 174.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.81 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038504.D

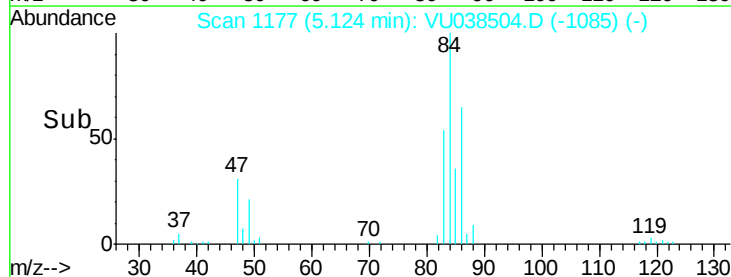
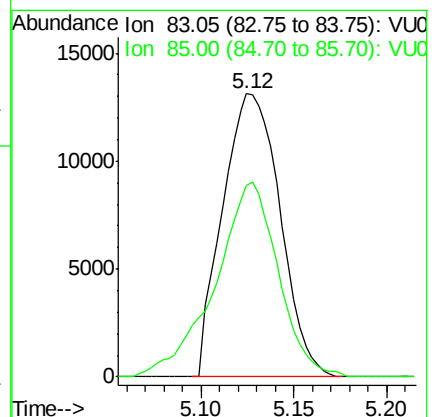
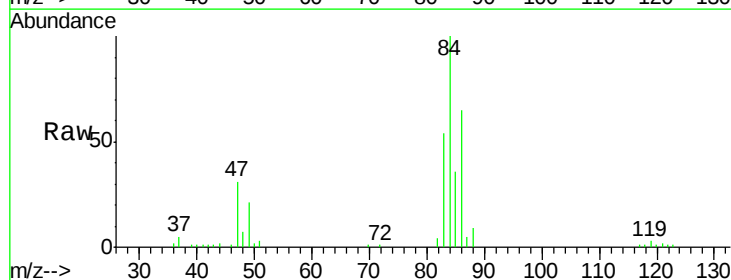
Acq: 02 Jun 2020 19:23

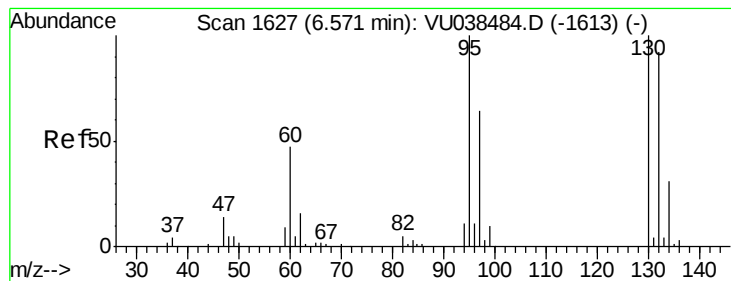
Tgt Ion: 83 Resp: 28255

Ion Ratio Lower Upper

83 100

85 67.6 44.9 83.5





#34

Trichloroethene

Concen: 0.22 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

Instrument :

MSVOA_U

ClientSampleId :

BFXD2

Tgt Ion: 95 Resp: 4680

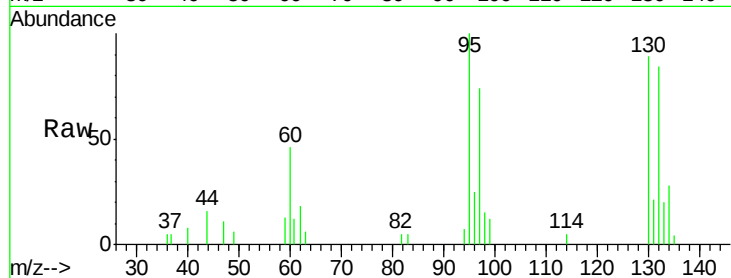
Ion Ratio Lower Upper

95 100

97 74.5 46.8 87.0

132 83.7 66.1 122.7

130 89.0 70.0 130.0

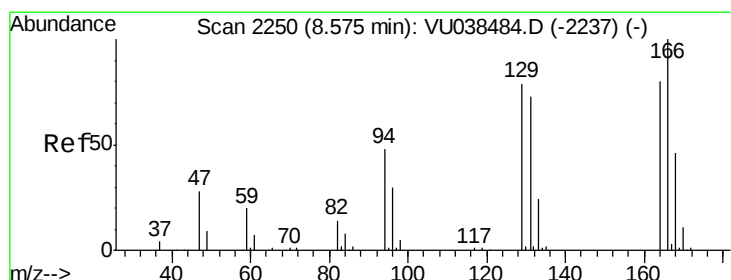
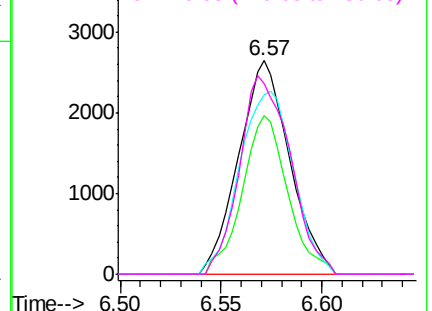
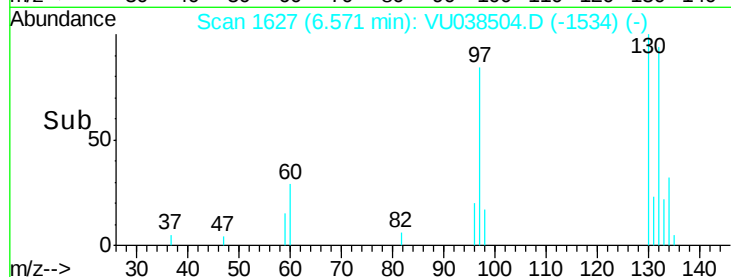


Abundance Ion 95.00 (94.70 to 95.70): VU038504.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038504.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038504.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038504.D (-1534) (-)



#47

Tetrachloroethene

Concen: 1.08 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038504.D

Acq: 02 Jun 2020 19:23

Tgt Ion: 164 Resp: 16529

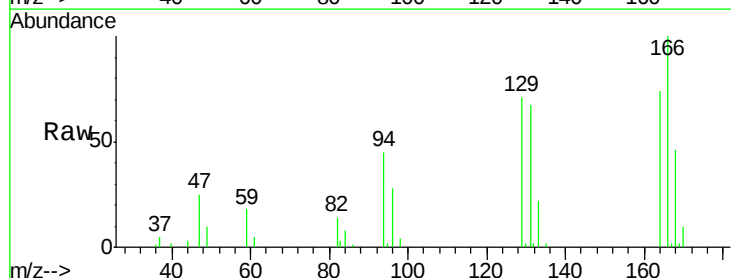
Ion Ratio Lower Upper

164 100

129 95.7 67.4 125.2

131 90.3 64.1 119.1

166 134.5 85.7 159.1



Abundance Ion 163.90 (163.60 to 164.60): VU038504.D (-2157) (-)

Ion 128.95 (128.65 to 129.65): VU038504.D (-2157) (-)

Ion 130.95 (130.65 to 131.65): VU038504.D (-2157) (-)

Ion 165.90 (165.60 to 166.60): VU038504.D (-2157) (-)

