

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112020\
 Data File : VU041361.D
 Acq On : 20 Nov 2020 12:49
 Operator : SY/MD
 Sample : L4790-17DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4418DL

Quant Time: Nov 21 03:09:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 21 02:42:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17139	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.92	69	17181	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	31625	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	92244	51.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.72%
24) Chloroform-d	5.08	84	52040	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.72	65	34595	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.74	84	89738	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.70	67	31695	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.91	98	74581	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	8.19	79	12517	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.64	63	63313	48.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27788	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	28830	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

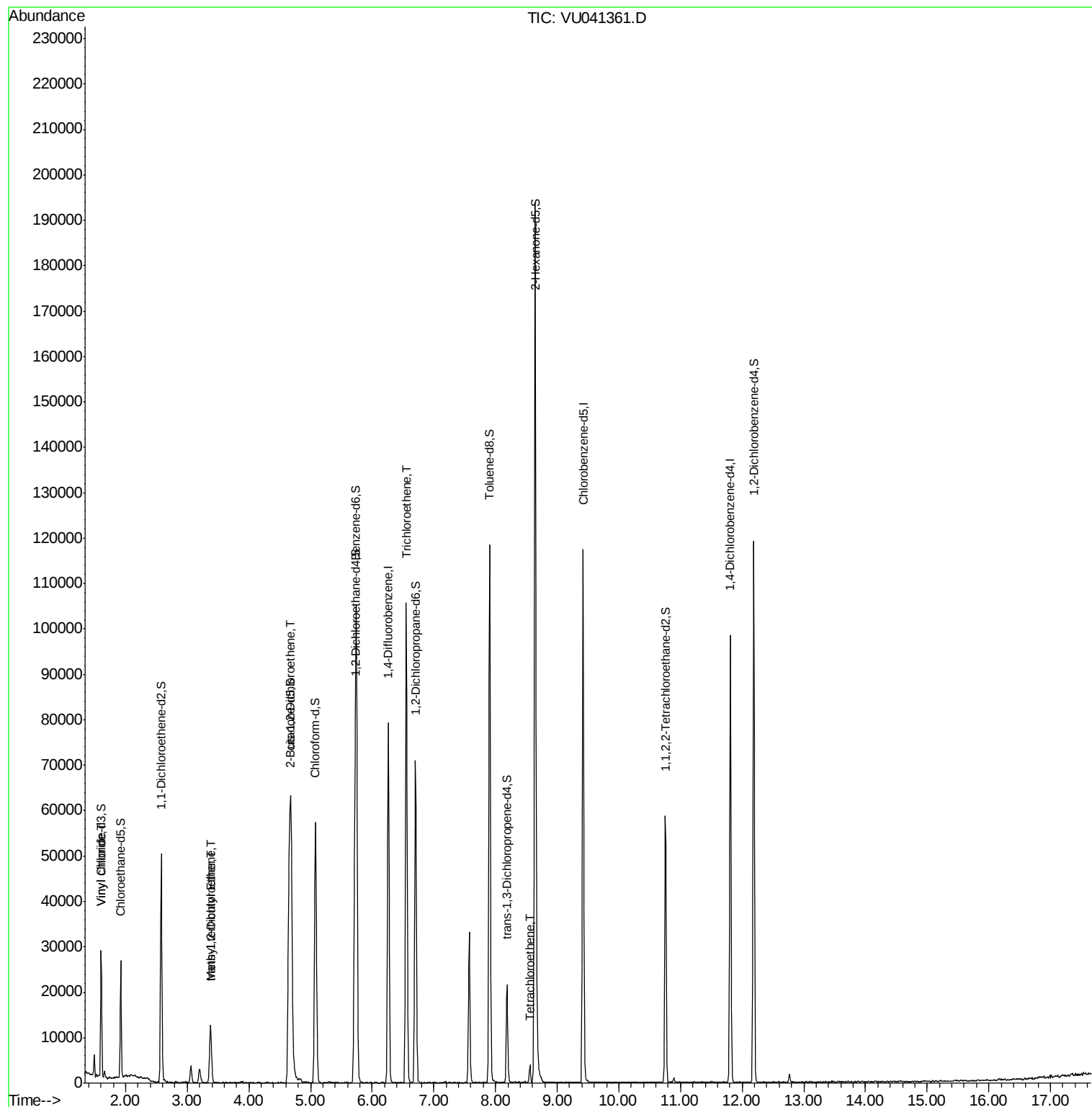
					Ovalue
5) Vinyl chloride	1.61	62	1672	0.328 ug/L	# 72
17) Methyl tert-butyl Ether	3.38	73	11864	1.135 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	819	0.220 ug/L	93
22) cis-1,2-Dichloroethene	4.68	96	18100	4.311 ug/L	96
34) Trichloroethene	6.56	95	35421	7.832 ug/L	96
47) Tetrachloroethene	8.56	164	744	0.223 ug/L	90

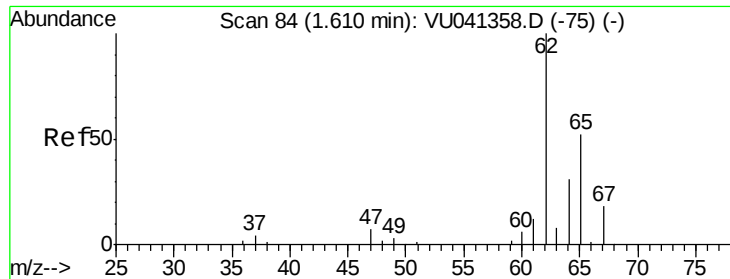
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 02:42:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.328 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041361.D

Acq: 20 Nov 2020 12:49

Instrument :

MSVOA_U

ClientSampled :

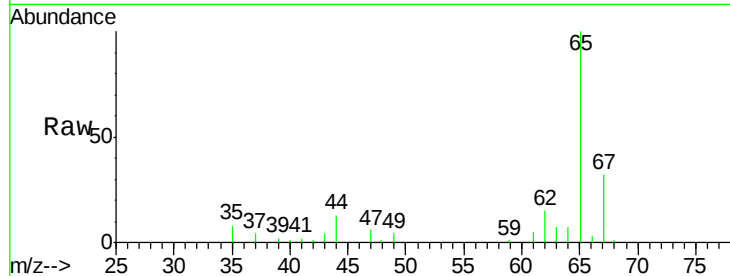
H4418DL

Tot Ion: 62 Resp: 1672

Ion Ratio Lower Upper

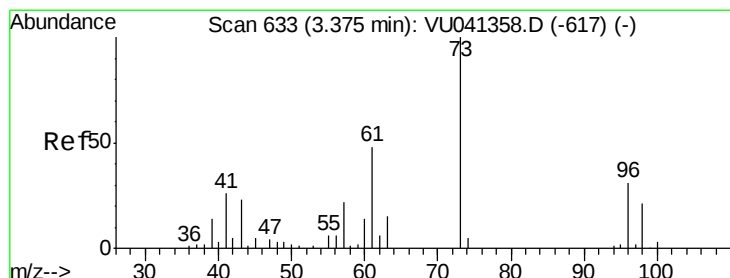
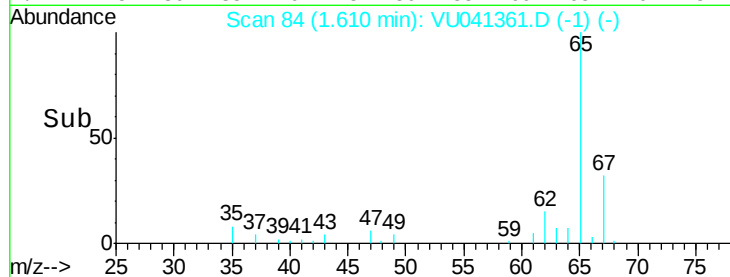
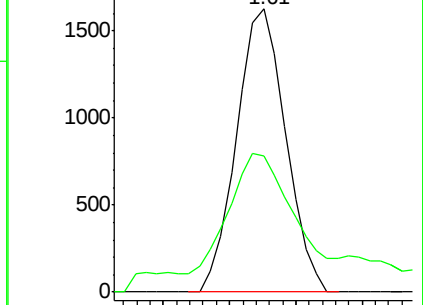
62 100

64 48.2 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 1.135 ug/L

RT: 3.38 min Scan# 634

Delta R.T. 0.00 min

Lab File: VU041361.D

Acq: 20 Nov 2020 12:49

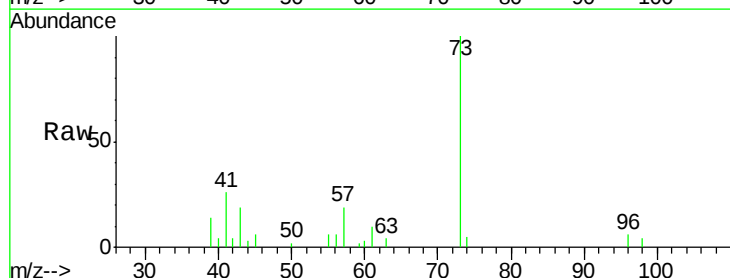
Tgt Ion: 73 Resp: 11864

Ion Ratio Lower Upper

73 100

43 21.3 18.5 27.7

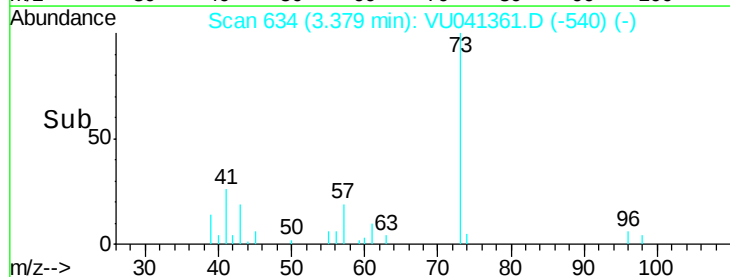
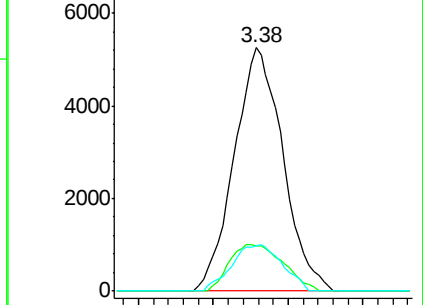
57 19.8 18.4 27.6

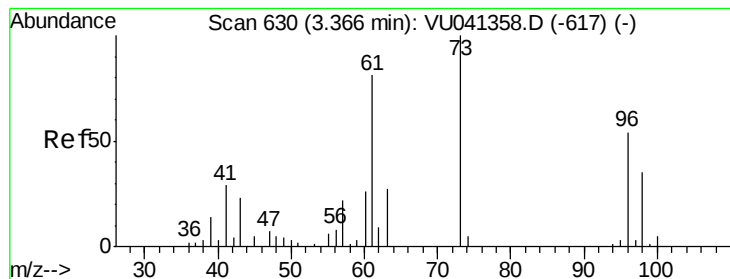


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.220 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041361.D

Acq: 20 Nov 2020 12:49

Instrument :

MSVOA_U

ClientSampleId :

H4418DL

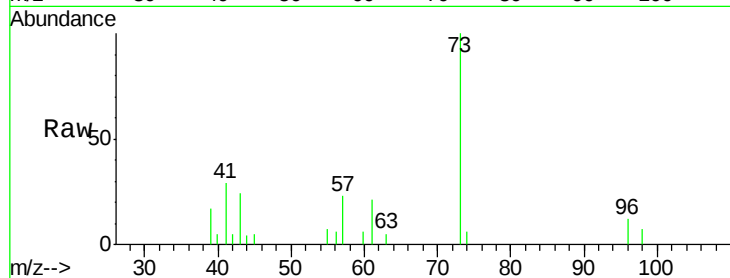
Tot Ion: 96 Resp: 819

Ion Ratio Lower Upper

96 100

61 167.7 110.9 205.9

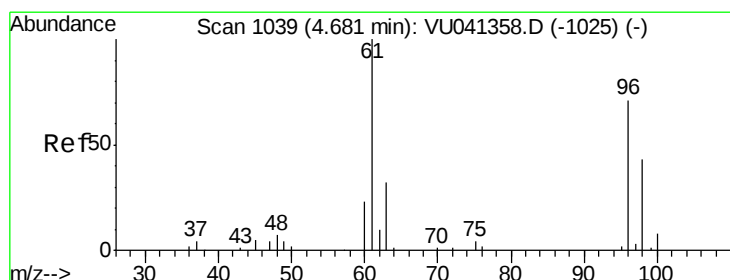
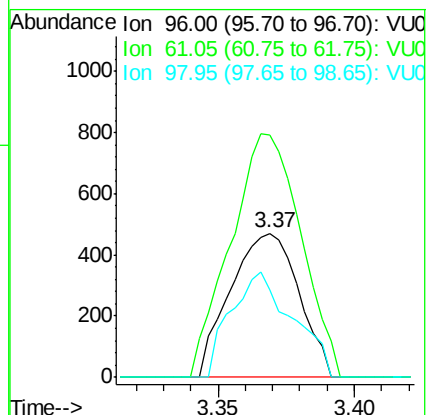
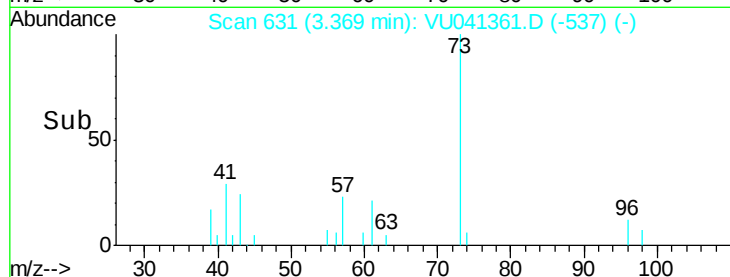
98 60.5 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 4.311 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041361.D

Acq: 20 Nov 2020 12:49

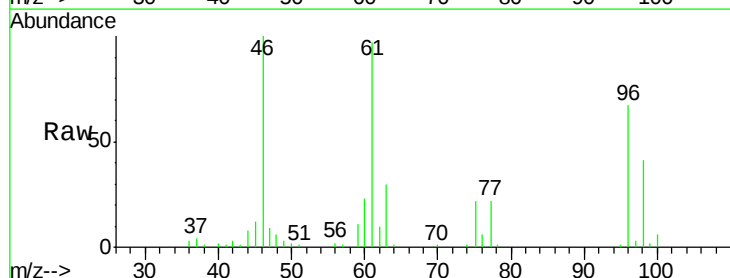
Tgt Ion: 96 Resp: 18100

Ion Ratio Lower Upper

96 100

61 144.2 97.2 180.4

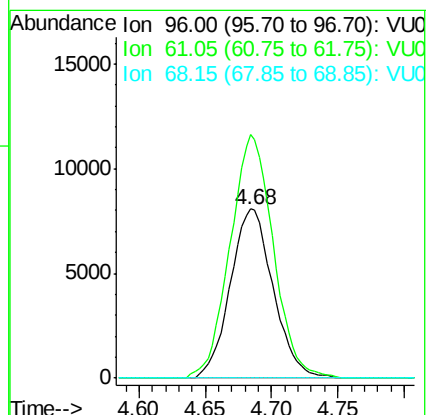
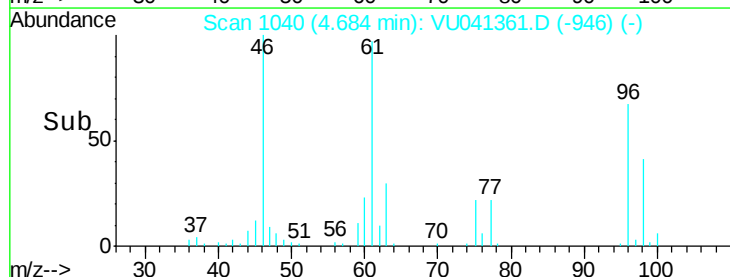
68 0.0 0.0 0.0

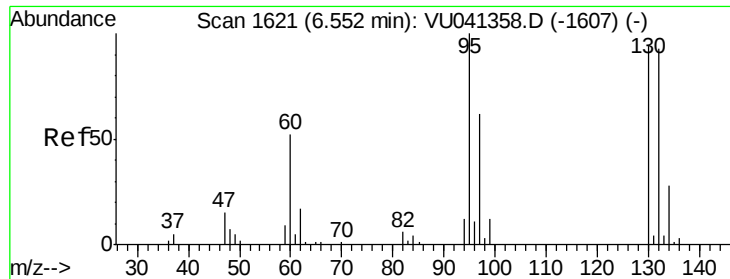


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 7.832 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041361.D

Acq: 20 Nov 2020 12:49

Instrument :

MSVOA_U

ClientSampleId :

H4418DL

Tot Ion: 95 Resp: 35421

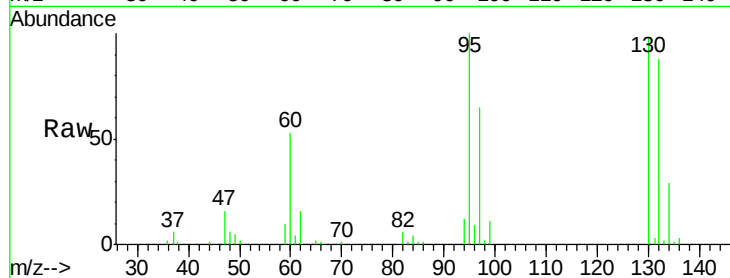
Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.6

132 88.5 64.8 120.4

130 97.7 64.8 120.4

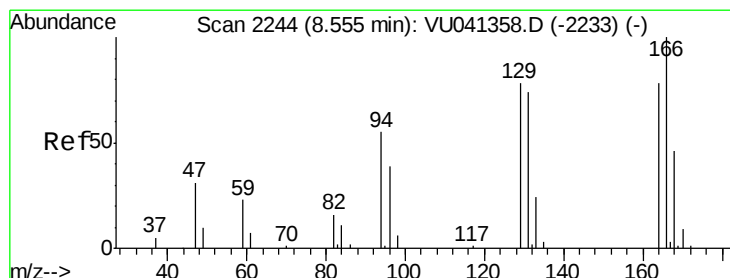
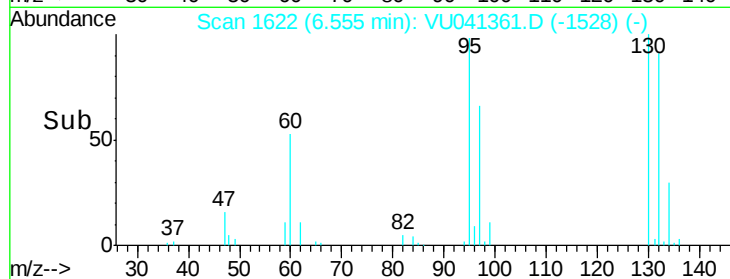
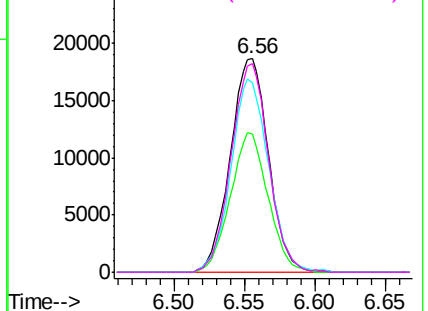


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.223 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041361.D

Acq: 20 Nov 2020 12:49

Tgt Ion:164 Resp: 744

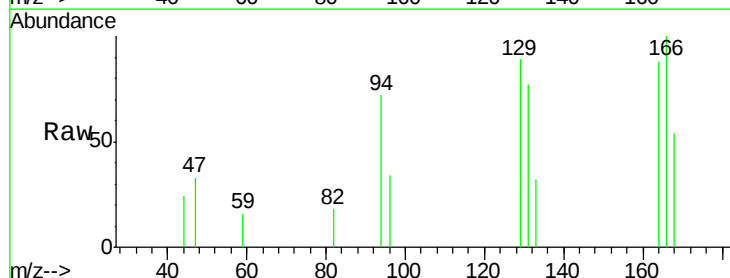
Ion Ratio Lower Upper

164 100

129 100.7 70.3 130.7

131 87.2 70.8 131.4

166 113.5 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

