

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111920\
 Data File : VU041346.D
 Acq On : 19 Nov 2020 16:26
 Operator : SY/MD
 Sample : L4790-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4389DL

Quant Time: Nov 20 07:06:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25455	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15305	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.92	69	15106	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.58	63	25168	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.66	46	90907	49.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	5.08	84	43820	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	28137	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	69521	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.70	67	25935	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.91	98	53280	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	8.19	79	9832	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.64	63	62337	46.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25586	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	23225	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

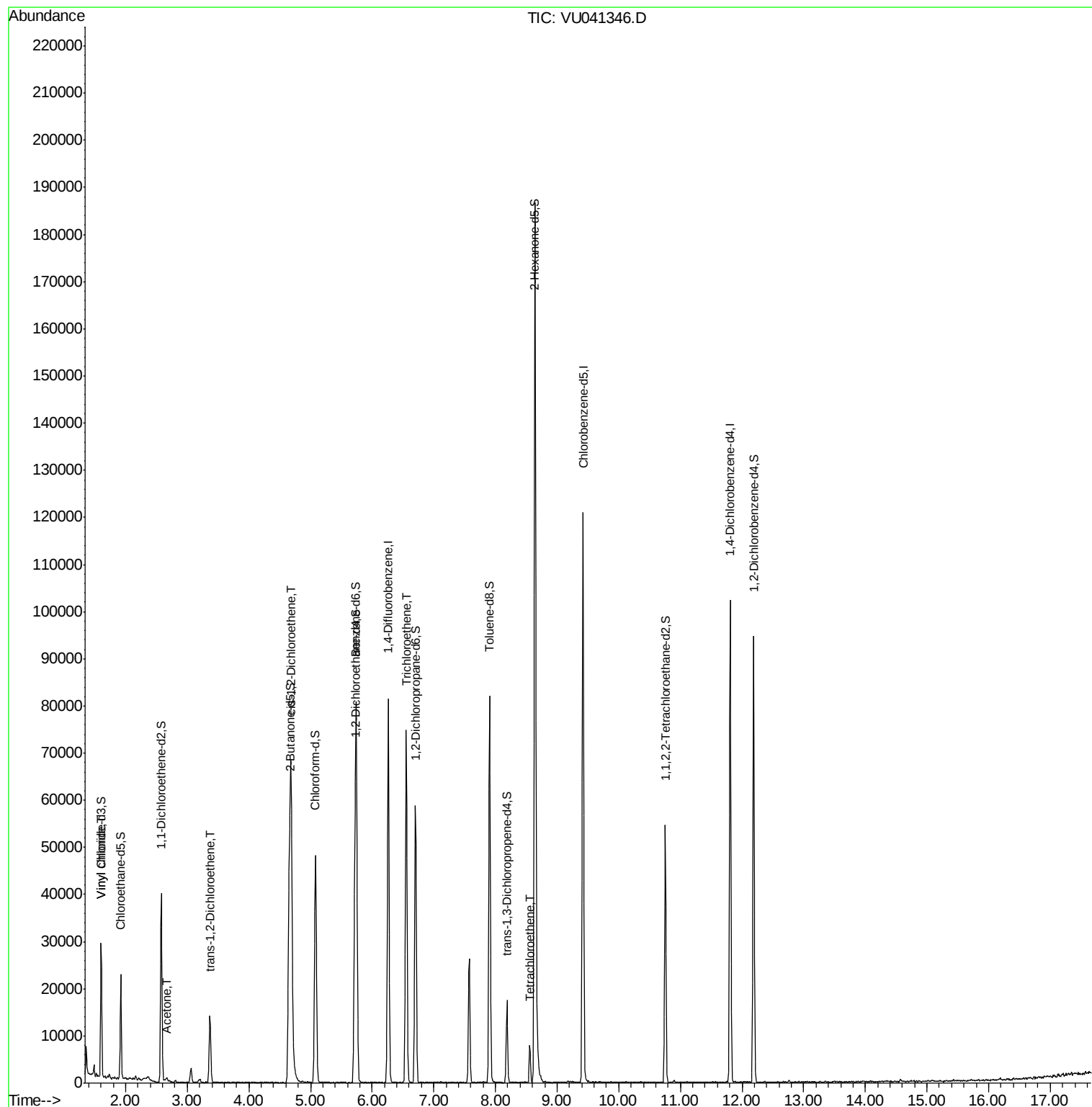
					Ovalue
5) Vinyl chloride	1.61	62	3502	0.671 ug/L	86
13) Acetone	2.67	43	1332	1.102 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	5602	1.470 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	20332	4.725 ug/L	99
34) Trichloroethene	6.55	95	25316	5.517 ug/L	99
47) Tetrachloroethene	8.56	164	1474	0.435 ug/L	87

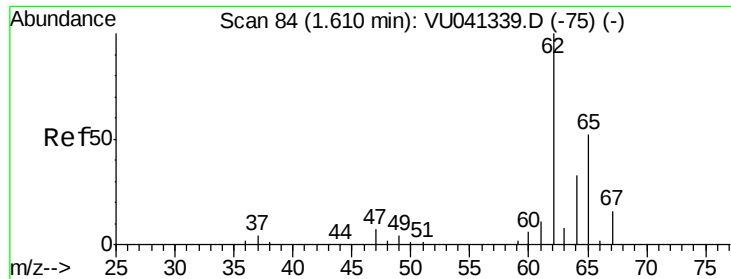
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.671 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041346.D

Acq: 19 Nov 2020 16:26

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MSVOA_U

ClientSampleID :

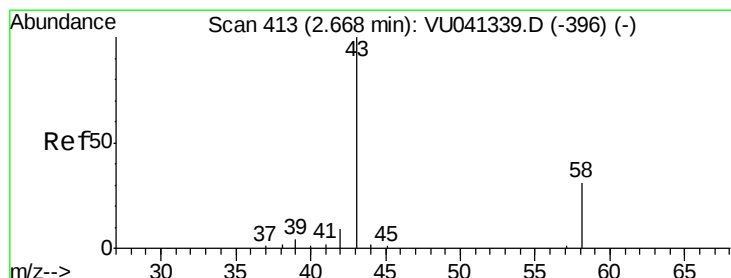
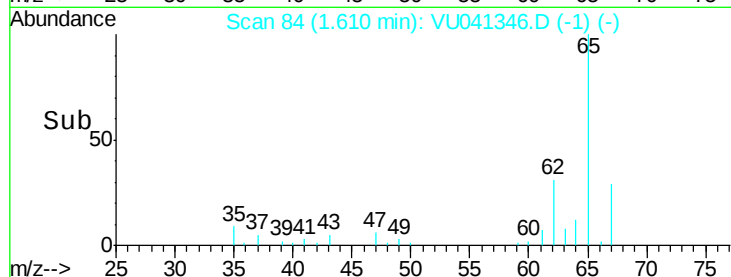
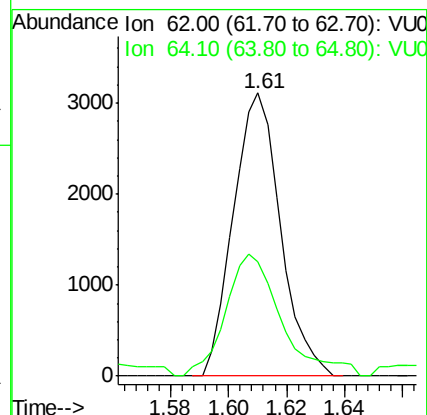
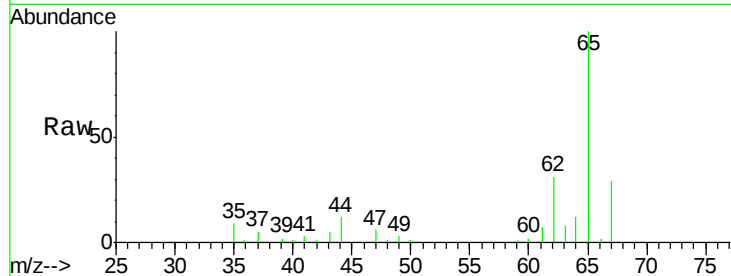
H4389DL

Tot Ion: 62 Resp: 3502

Ion Ratio Lower Upper

62 100

64 40.2 22.7 42.3



#13

Acetone

Concen: 1.102 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU041346.D

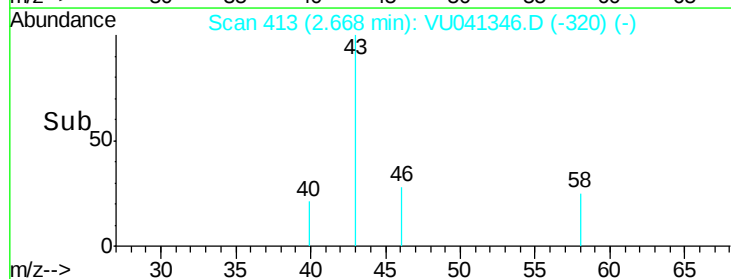
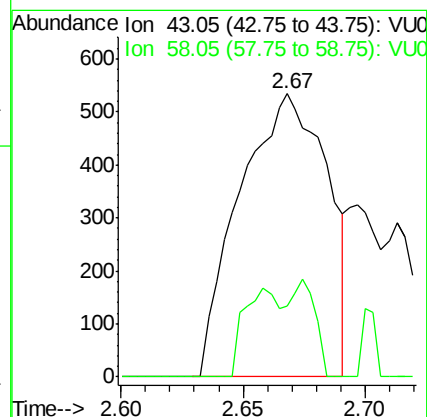
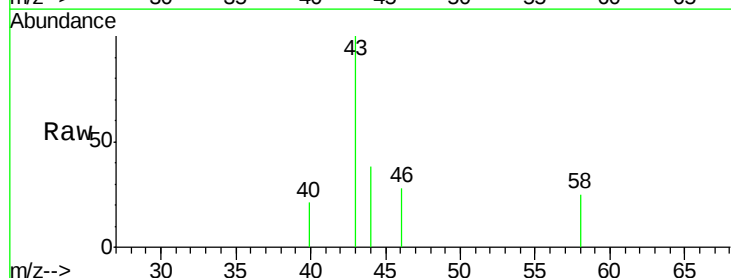
Acq: 19 Nov 2020 16:26

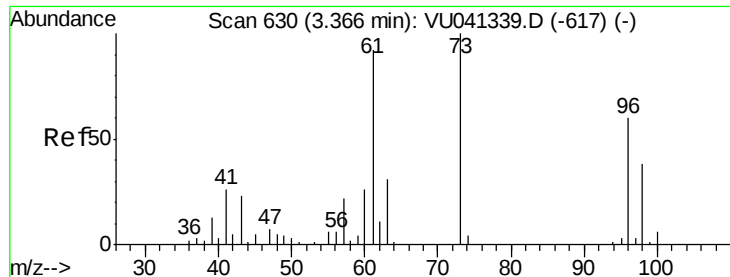
Tgt Ion: 43 Resp: 1332

Ion Ratio Lower Upper

43 100

58 10.7 0.0 25.4

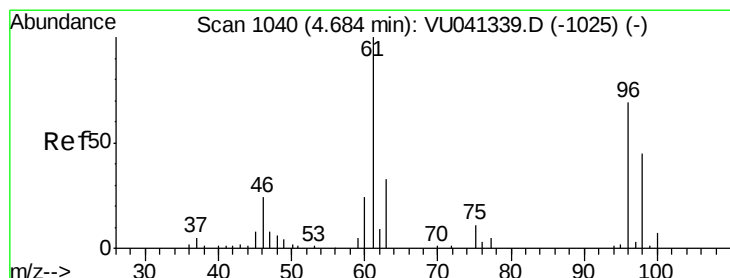
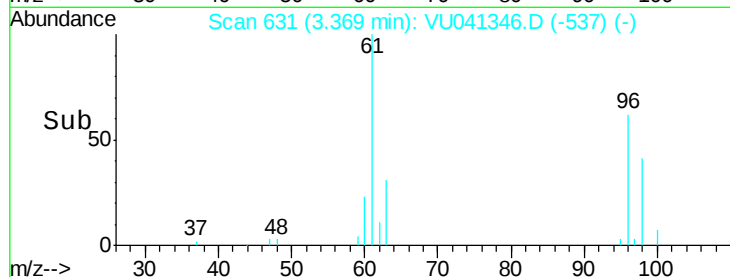
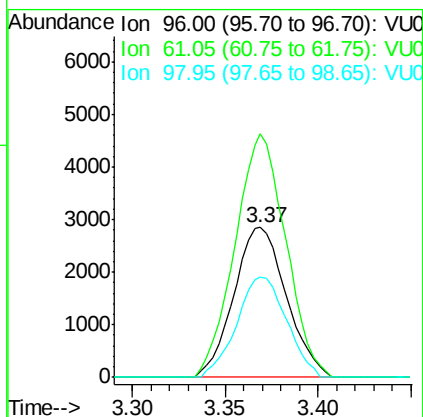
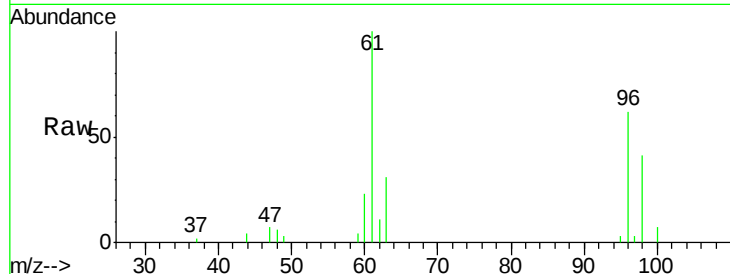




#18
trans-1,2-Dichloroethene
Concen: 1.470 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041346.D
Acq: 19 Nov 2020 16:26

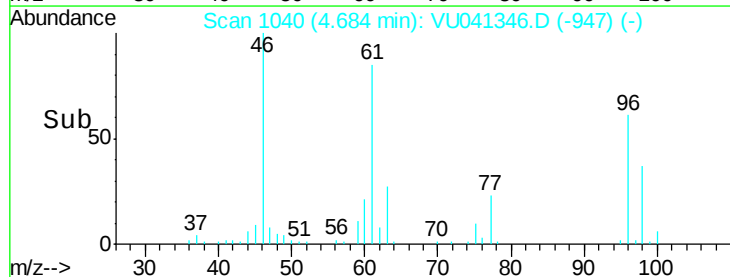
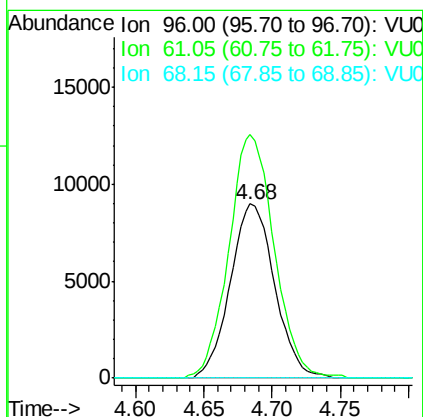
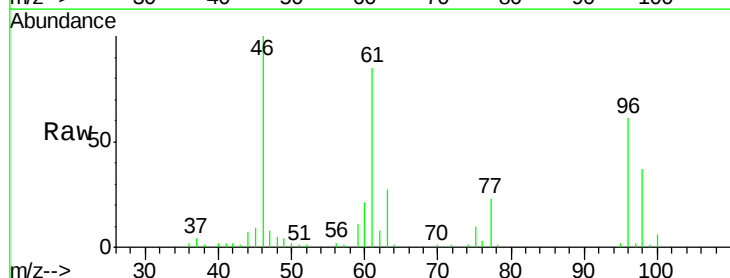
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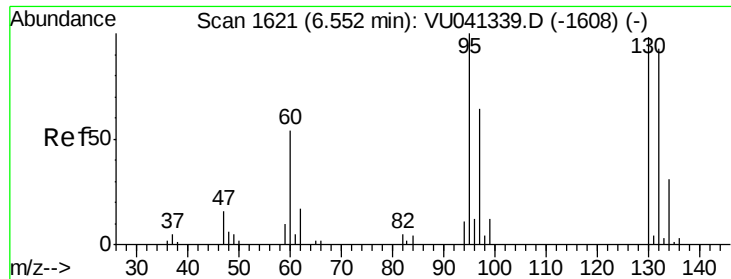
Tot Ion: 96 Resp: 5602
Ion Ratio Lower Upper
96 100
61 162.3 110.9 205.9
98 67.1 45.4 84.2



#22
cis-1,2-Dichloroethene
Concen: 4.725 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU041346.D
Acq: 19 Nov 2020 16:26

Tgt Ion: 96 Resp: 20332
Ion Ratio Lower Upper
96 100
61 139.7 97.2 180.4
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 5.517 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041346.D

Acq: 19 Nov 2020 16:26

Instrument :

MSVOA_U

ClientSampleId :

H4389DL

Tot Ion: 95 Resp: 25316

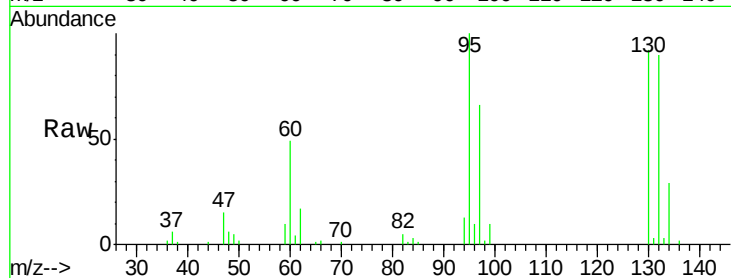
Ion Ratio Lower Upper

95 100

97 66.0 45.6 84.6

132 90.0 64.8 120.4

130 92.4 64.8 120.4



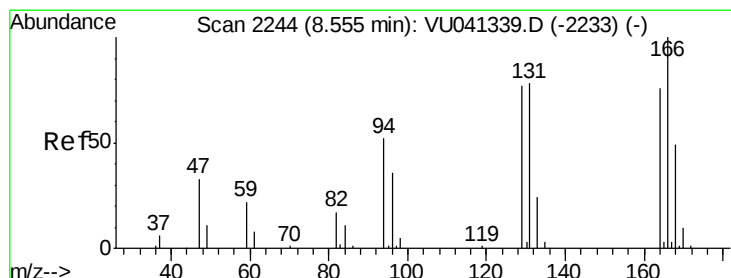
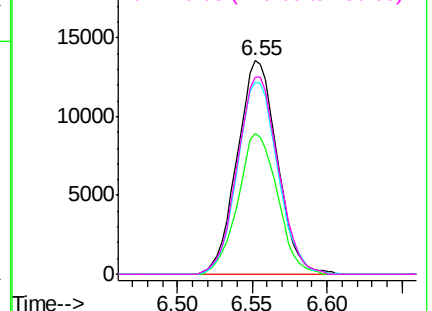
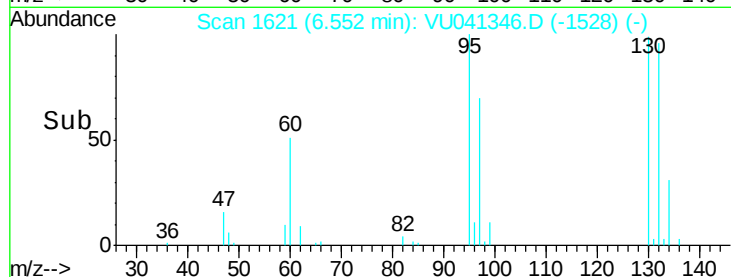
Abundance

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: 0.435 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041346.D

Acq: 19 Nov 2020 16:26

Tgt Ion: 164 Resp: 1474

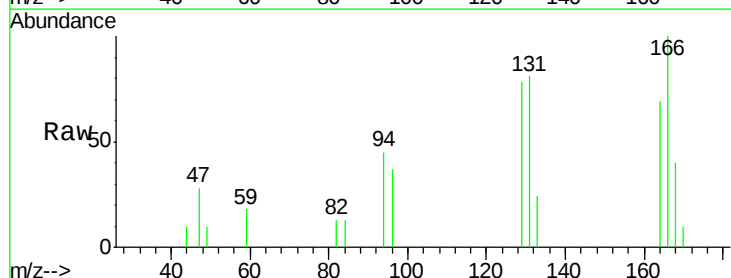
Ion Ratio Lower Upper

164 100

129 112.9 70.3 130.7

131 117.3 70.8 131.4

166 144.1 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

