

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041792.D
 Acq On : 23 Dec 2020 19:21
 Operator : SY/MD
 Sample : L5185-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S7

Quant Time: Dec 24 04:27:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127023	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52867	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37146	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.92	69	39548	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.58	63	59368	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.67	46	145253	50.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	5.08	84	87983	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	46941	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	158028	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	57018	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.90	98	122221	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.19	79	20151	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	125318	47.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48616	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46992	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

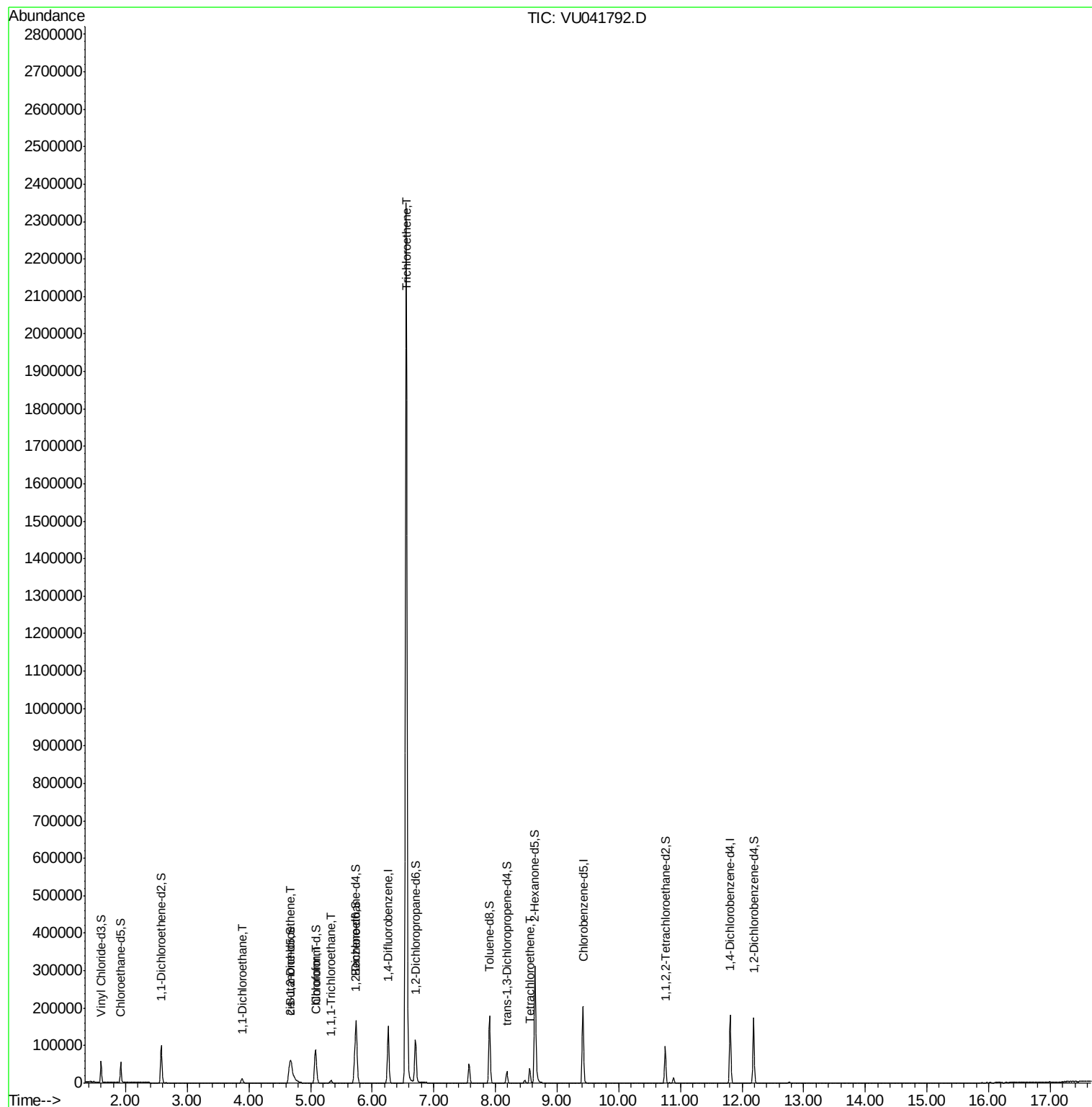
					Ovalue
19) 1,1-Dichloroethane	3.89	63	13604	0.817 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	8268	0.839 ug/L	84
25) Chloroform	5.10	83	7087	0.422 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	4930	0.358 ug/L	97
34) Trichloroethene	6.55	95	825228	85.637 ug/L	97
47) Tetrachloroethene	8.56	164	9141	1.355 ug/L	95

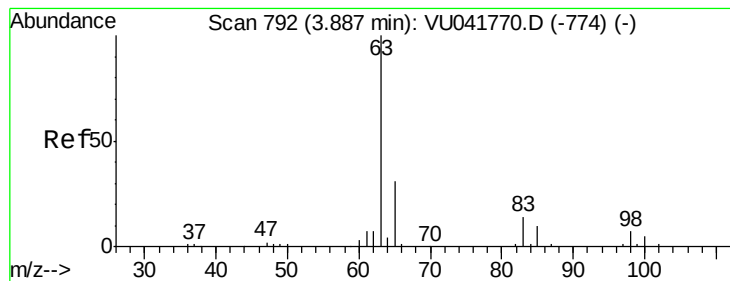
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.817 ug/L

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU041792.D

Acq: 23 Dec 2020 19:21

Instrument :

MSVOA_U

ClientSampleId :

BG4S7

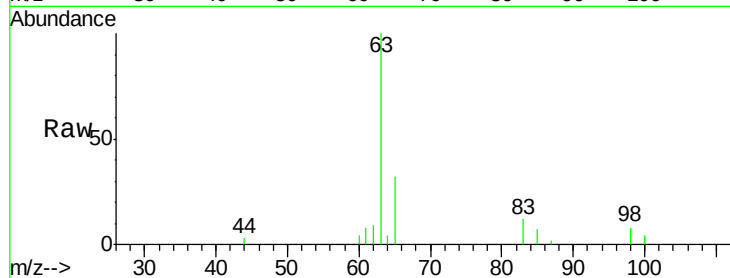
Tot Ion: 63 Resp: 13604

Ion Ratio Lower Upper

63 100

65 31.8 21.3 39.6

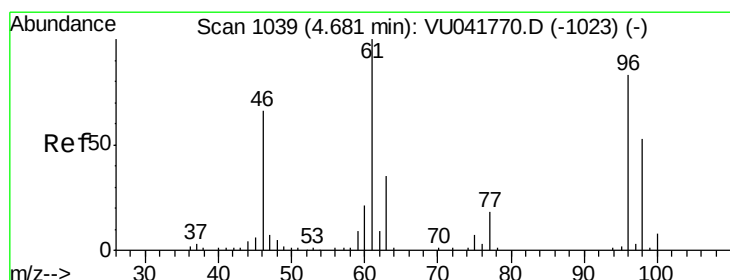
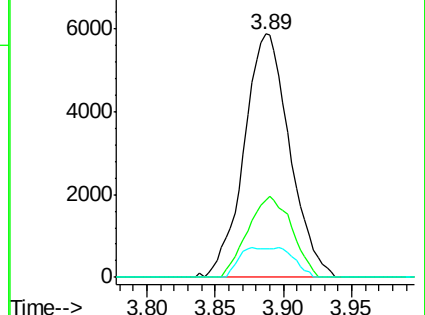
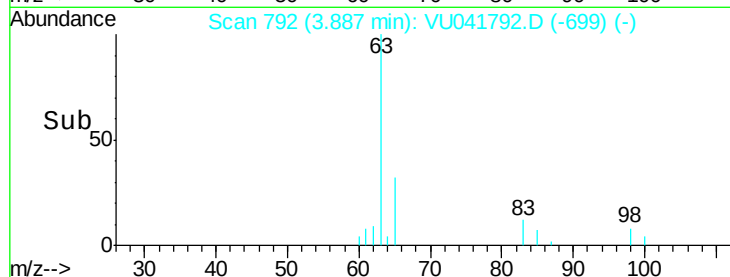
83 11.7 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU041792.D (-699) (-)

Ion 65.10 (64.80 to 65.80): VU041792.D (-699) (-)

Ion 83.05 (82.75 to 83.75): VU041792.D (-699) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.839 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041792.D

Acq: 23 Dec 2020 19:21

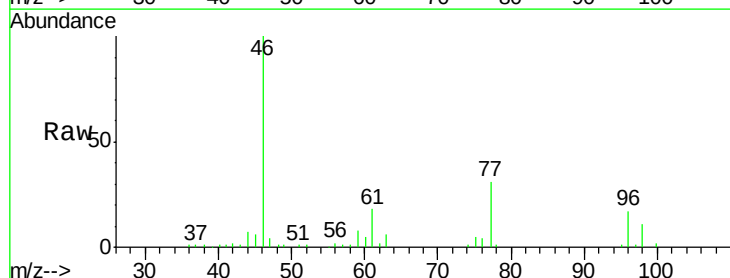
Tgt Ion: 96 Resp: 8268

Ion Ratio Lower Upper

96 100

61 108.1 88.8 165.0

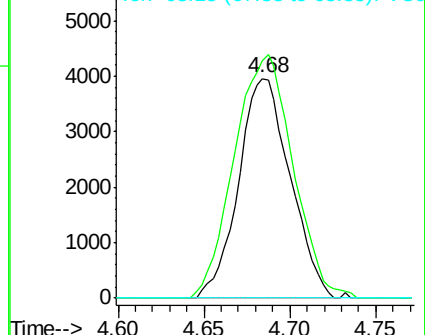
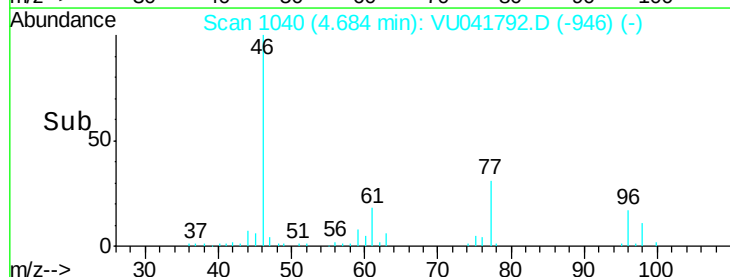
68 0.0 0.0 0.0

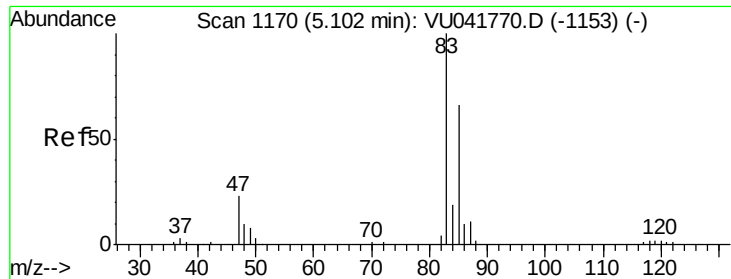


Abundance Ion 96.00 (95.70 to 96.70): VU041792.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU041792.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU041792.D (-946) (-)

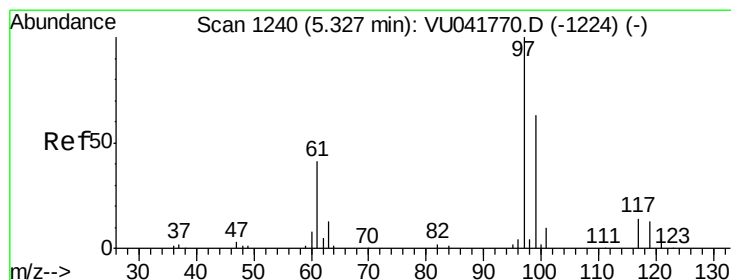
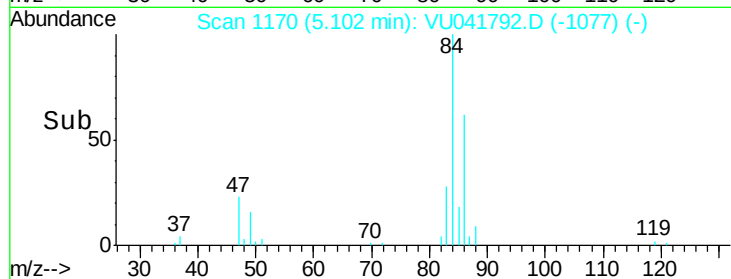
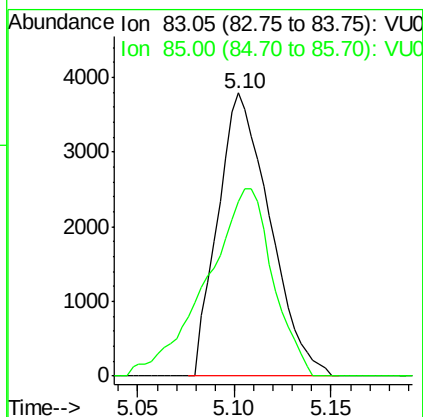
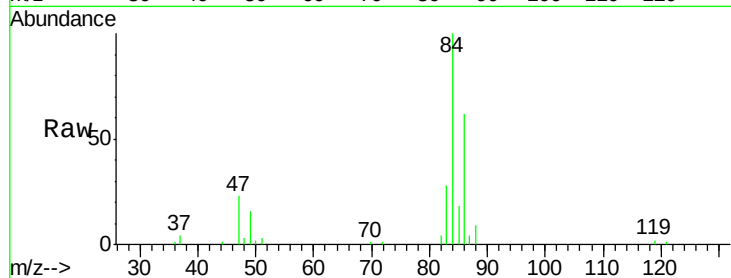




#25
Chloroform
Concen: 0.422 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041792.D
Acq: 23 Dec 2020 19:21

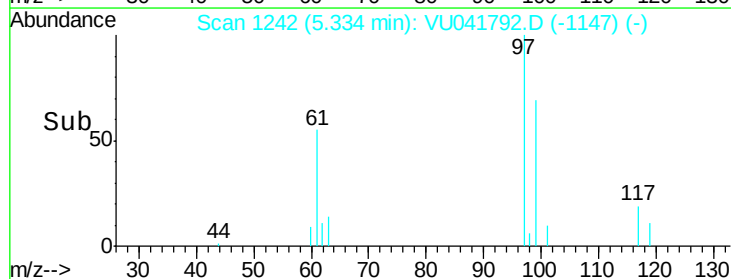
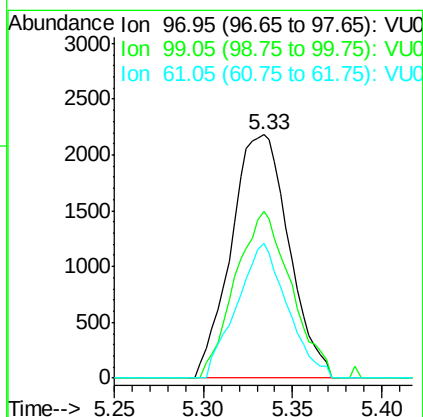
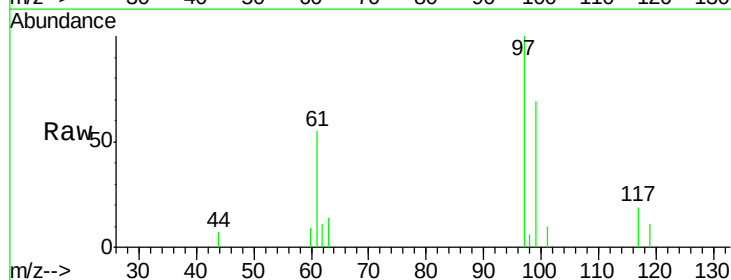
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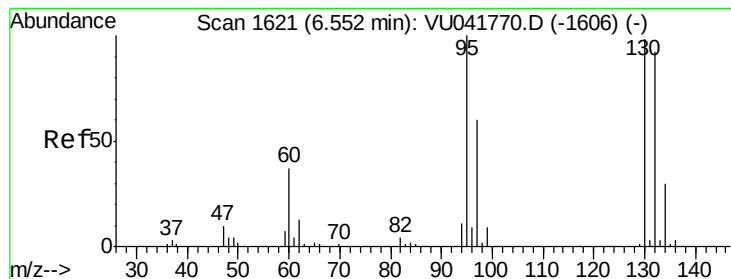
Tot Ion: 83 Resp: 7087
Ion Ratio Lower Upper
83 100
85 61.8 44.2 82.0



#29
1,1,1-Trichloroethane
Concen: 0.358 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VU041792.D
Acq: 23 Dec 2020 19:21

Tgt Ion: 97 Resp: 4930
Ion Ratio Lower Upper
97 100
99 66.1 51.3 76.9
61 48.4 36.5 54.7





#34

Trichloroethene

Concen: 85.637 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041792.D

Acq: 23 Dec 2020 19:21

Instrument :

MSVOA_U

ClientSampleId :

BG4S7

Tot Ion: 95 Resp: 825228

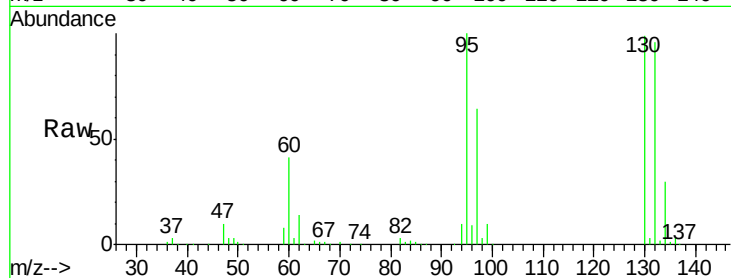
Ion Ratio Lower Upper

95 100

97 63.9 43.9 81.5

132 95.5 63.1 117.3

130 98.8 67.4 125.2

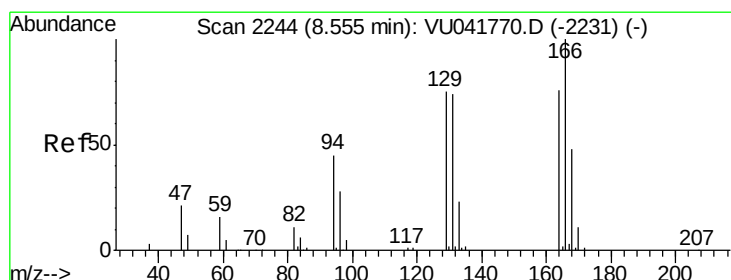
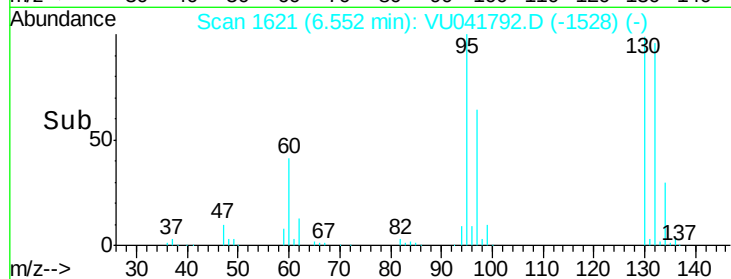
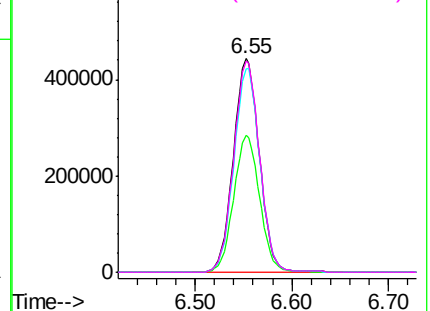


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.355 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041792.D

Acq: 23 Dec 2020 19:21

Tgt Ion:164 Resp: 9141

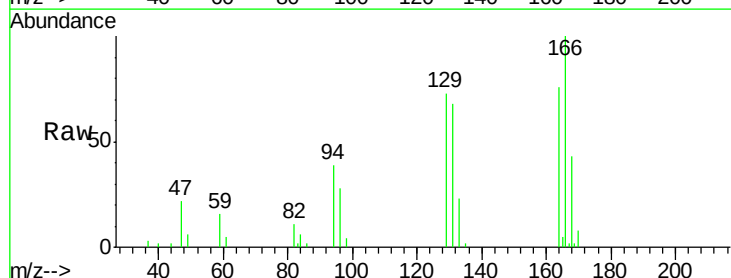
Ion Ratio Lower Upper

164 100

129 96.0 72.2 134.0

131 89.8 66.9 124.3

166 131.4 89.6 166.4



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

