

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041767.D
 Acq On : 23 Dec 2020 01:36
 Operator : SY/MD
 Sample : L5185-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S2

Quant Time: Dec 23 07:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136941	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127996	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31285	2.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.40%
7) Chloroethane-d5	1.92	69	37371	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.58	63	54193	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.66	46	207094	67.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.68%#
24) Chloroform-d	5.08	84	94975	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	56023	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.74	84	178278	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	61873	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.90	98	126287	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.19	79	21225	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	136479	48.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52910	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	51895	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

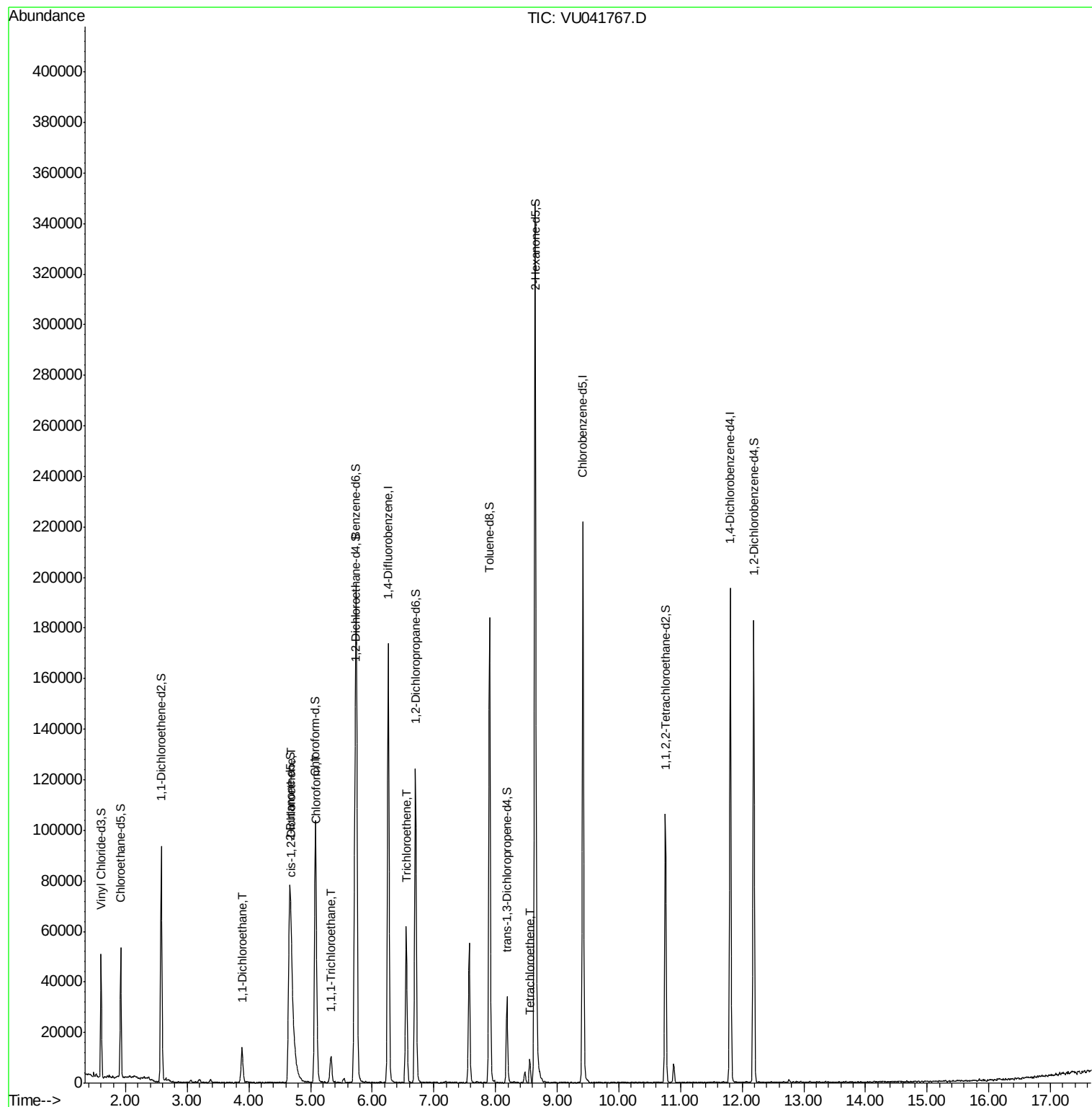
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
19) 1,1-Dichloroethane	3.89	63	16018	0.892	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	2172	0.205	ug/L	79
25) Chloroform	5.10	83	6779	0.375	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	8045	0.547	ug/L	97
34) Trichloroethene	6.55	95	22718	2.209	ug/L	97
47) Tetrachloroethene	8.56	164	2300	0.319	ug/L	90

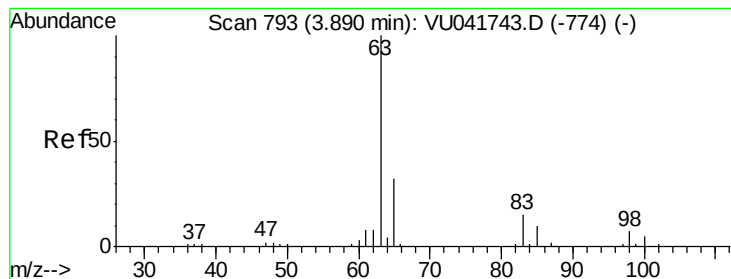
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.892 ug/L

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU041767.D

Acq: 23 Dec 2020 01:36

Instrument :

MSVOA_U

ClientSampleId :

BG4S2

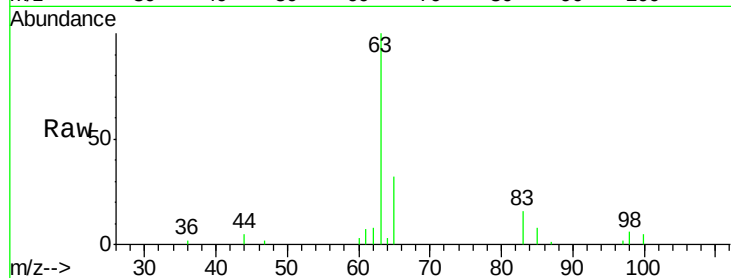
Tot Ion: 63 Resp: 16018

Ion Ratio Lower Upper

63 100

65 31.6 21.3 39.6

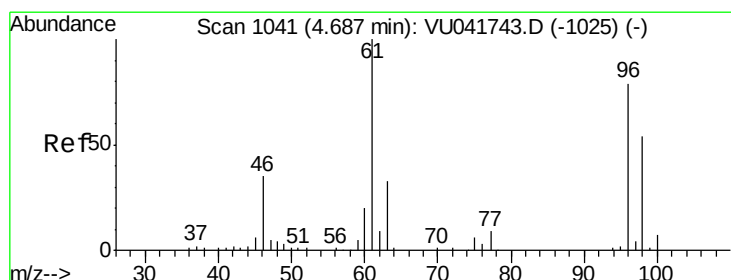
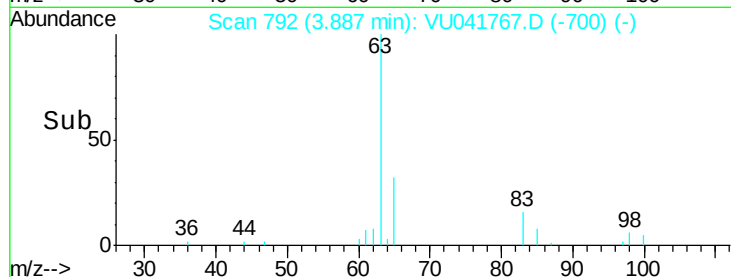
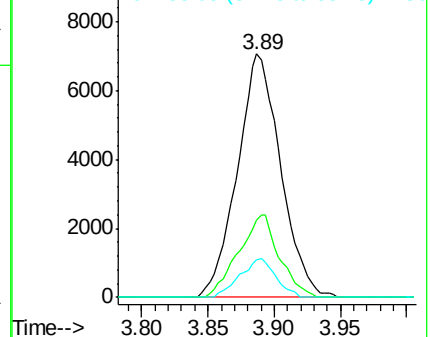
83 15.7 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.205 ug/L

RT: 4.69 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VU041767.D

Acq: 23 Dec 2020 01:36

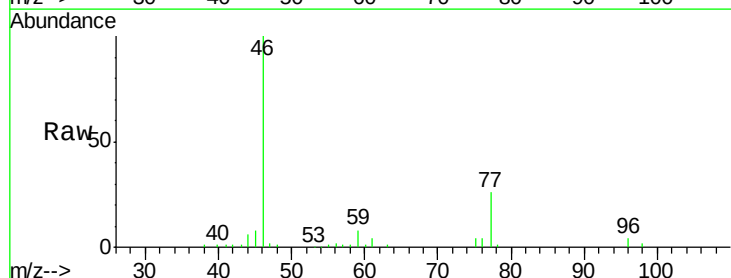
Tgt Ion: 96 Resp: 2172

Ion Ratio Lower Upper

96 100

61 102.4 88.8 165.0

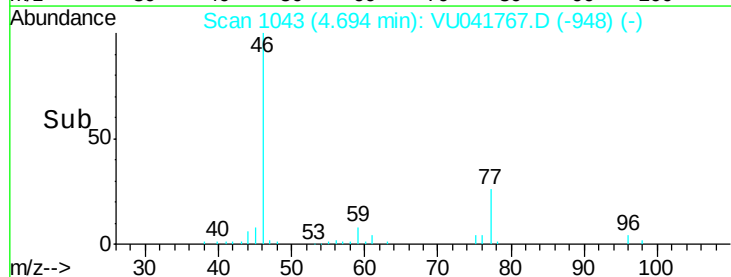
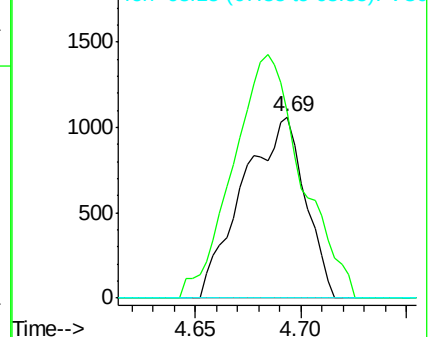
68 0.0 0.0 0.0

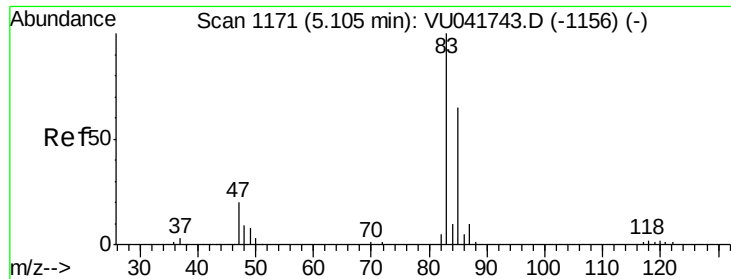


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

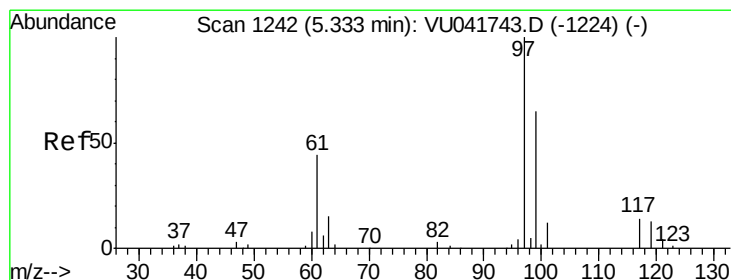
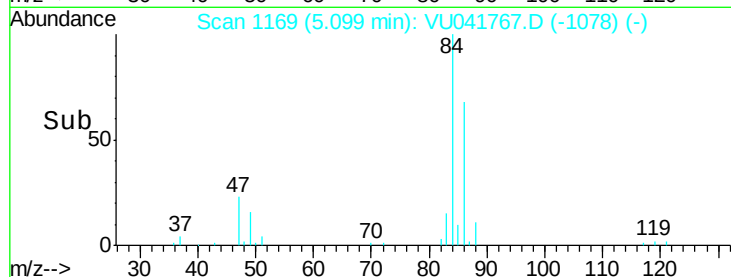
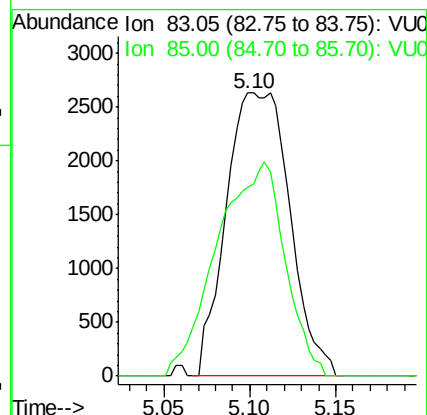
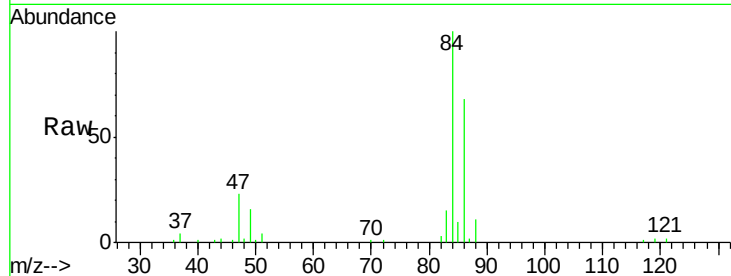




#25
Chloroform
Concen: 0.375 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU041767.D
Acq: 23 Dec 2020 01:36

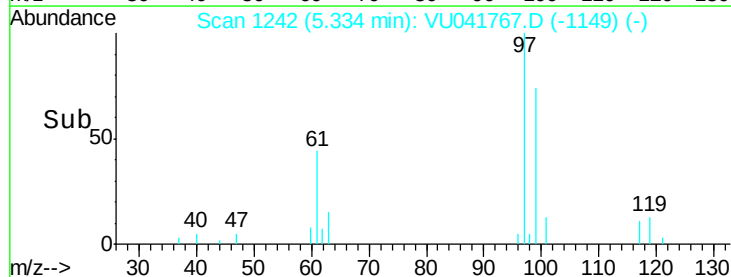
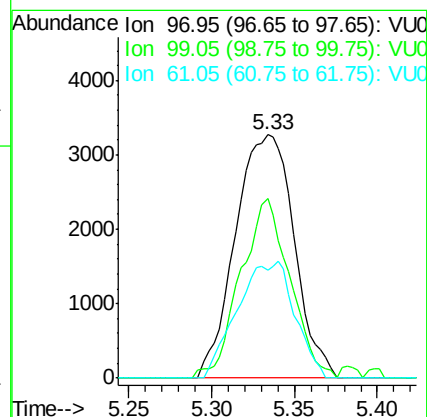
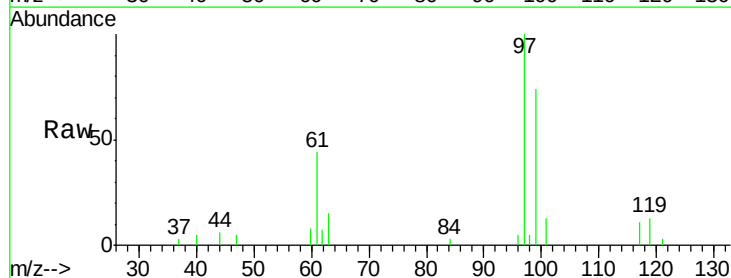
Instrument :
MSVOA_U
ClientSampled :
BG4S2

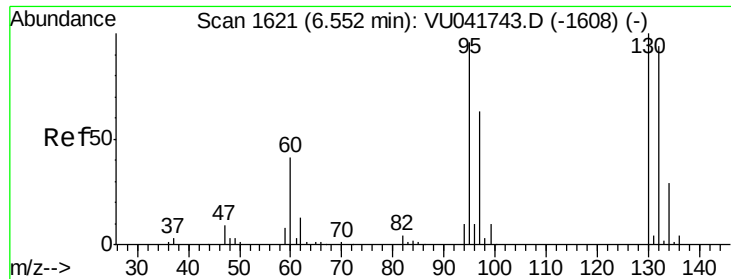
Tot Ion: 83 Resp: 6779
Ion Ratio Lower Upper
83 100
85 66.5 44.2 82.0



#29
1,1,1-Trichloroethane
Concen: 0.547 ug/L
RT: 5.33 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VU041767.D
Acq: 23 Dec 2020 01:36

Tgt Ion: 97 Resp: 8045
Ion Ratio Lower Upper
97 100
99 61.7 51.3 76.9
61 46.7 36.5 54.7





#34

Trichloroethene

Concen: 2.209 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041767.D

Acq: 23 Dec 2020 01:36

Instrument :

MSVOA_U

ClientSampleId :

BG4S2

Tot Ion: 95 Resp: 22718

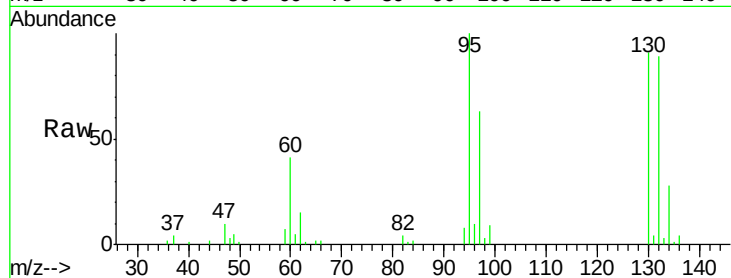
Ion Ratio Lower Upper

95 100

97 63.4 43.9 81.5

132 89.4 63.1 117.3

130 90.9 67.4 125.2

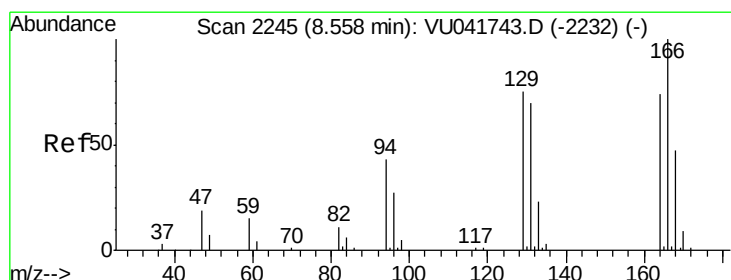
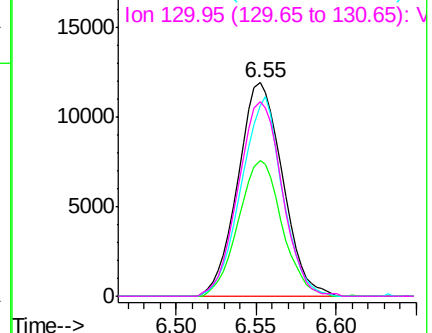
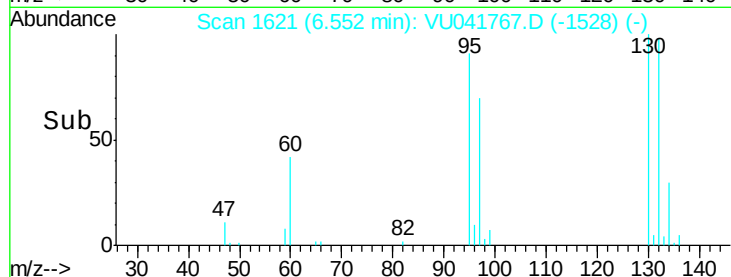


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.319 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041767.D

Acq: 23 Dec 2020 01:36

Tgt Ion: 164 Resp: 2300

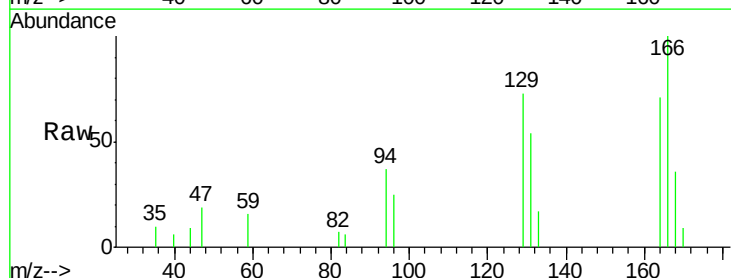
Ion Ratio Lower Upper

164 100

129 102.9 72.2 134.0

131 76.7 66.9 124.3

166 140.7 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

