

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110520\
 Data File : VU041108.D
 Acq On : 05 Nov 2020 16:39
 Operator : SY/MD
 Sample : L4648-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA8

Quant Time: Nov 06 02:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 01:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	52156	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	55531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24164	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20792	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	18006	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.58	63	32875	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.65	46	81126	56.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	5.08	84	44885	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.72	65	27892	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.74	84	82788	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.70	67	28574	5.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.20%
41) Toluene-d8	7.91	98	69033	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.19	79	10623	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.64	63	62768	55.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24289	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	27463	6.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.60%#

Target Compounds

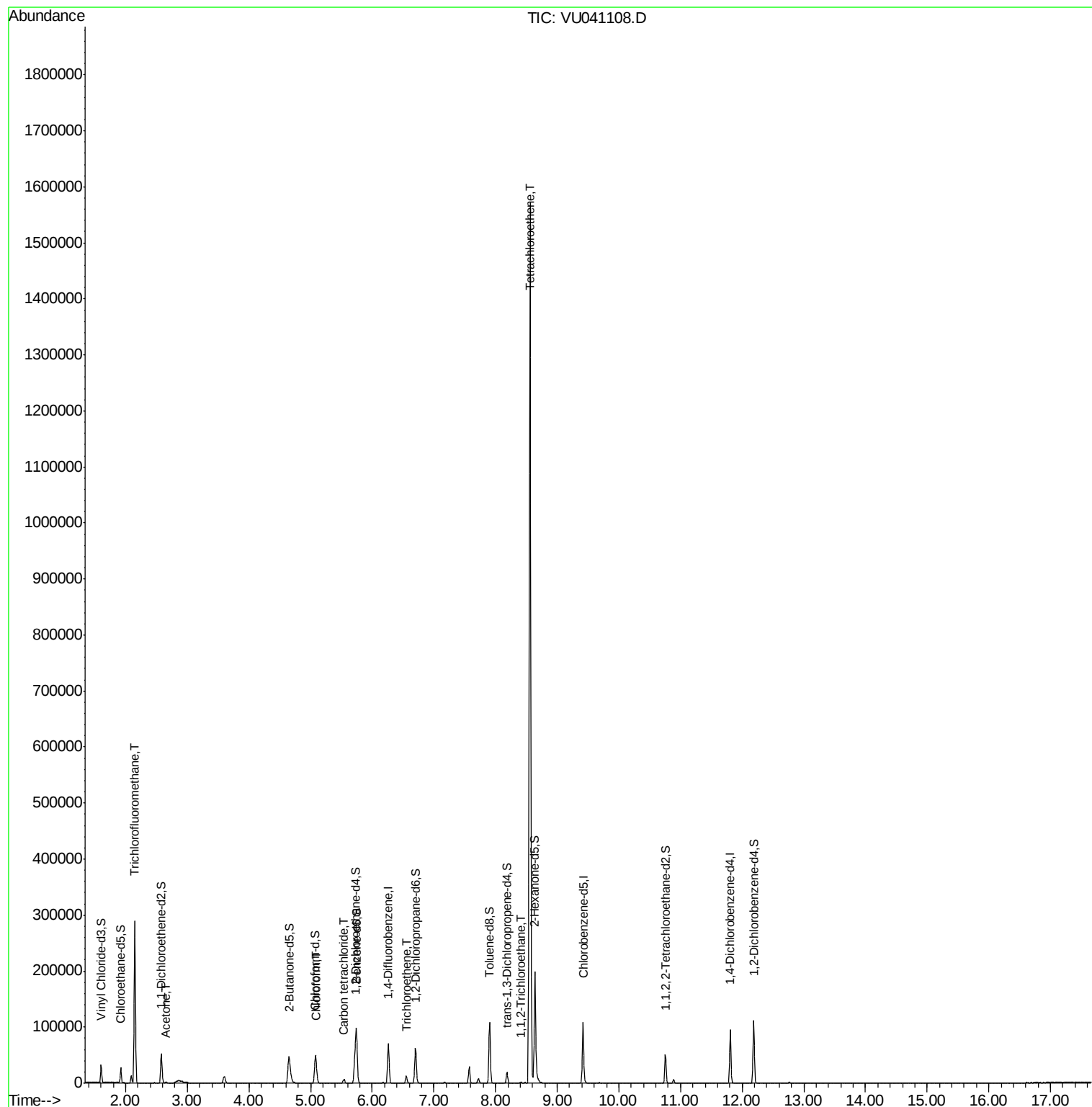
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.15	101	182490	27.410	ug/L	99
13) Acetone	2.65	43	2100	2.129	ug/L	85
25) Chloroform	5.11	83	2779	0.370	ug/L	96
31) Carbon tetrachloride	5.54	117	4021	0.669	ug/L	99
34) Trichloroethene	6.55	95	3901	0.924	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	617	0.185	ug/L	87
47) Tetrachloroethene	8.56	164	316839	102.042	ug/L	97

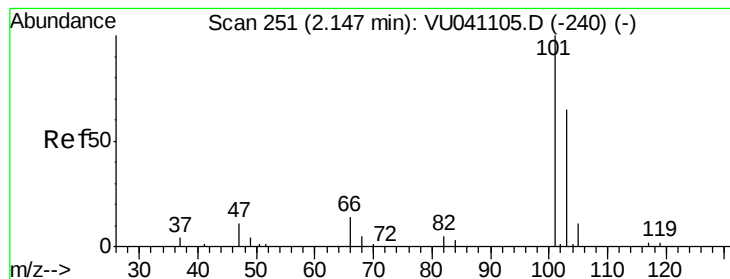
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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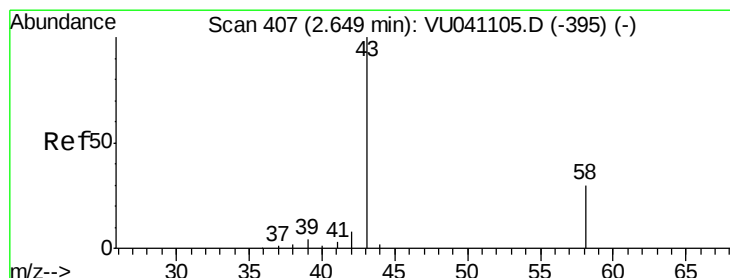
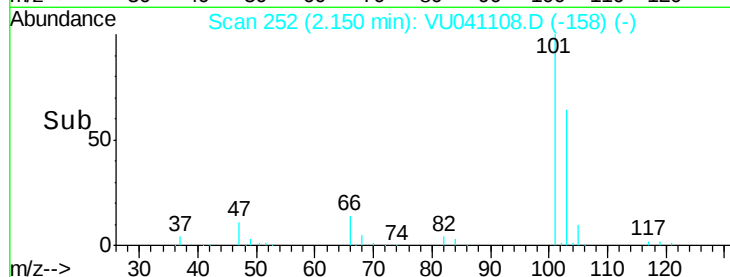
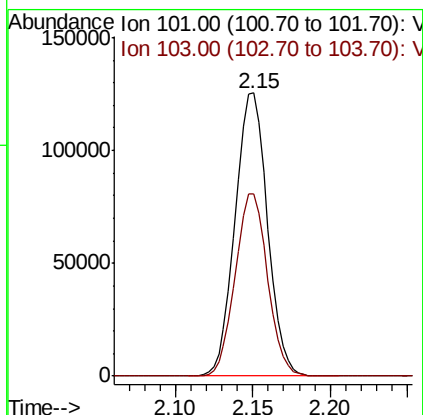
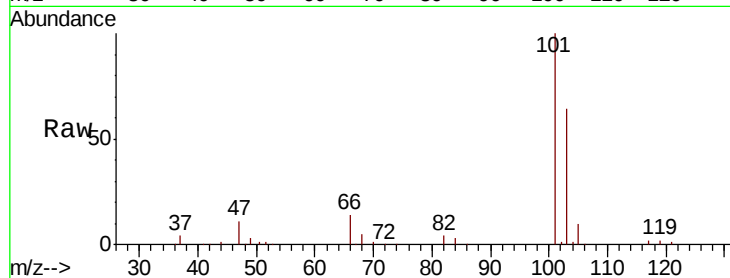


#9

Trichlorofluoromethane
 Concen: 27.410 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU041108.D
 Acq: 05 Nov 2020 16:39

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 MSVOA_U
 ClientSampleId :
 C0AA8

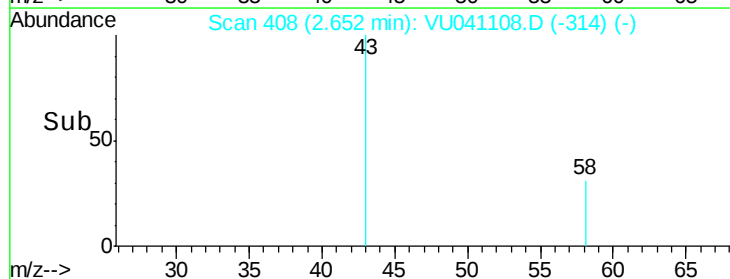
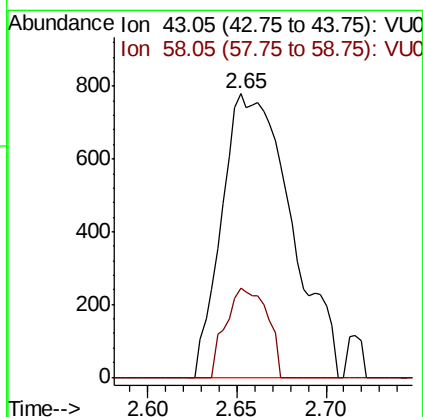
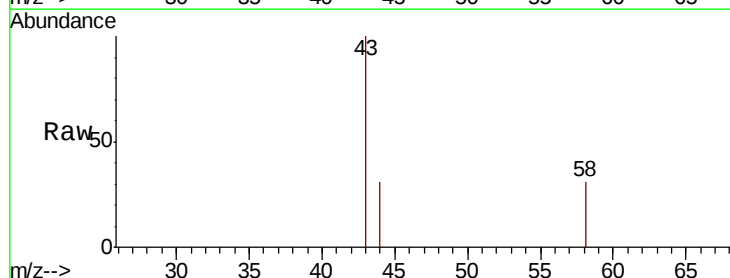
Tot Ion:101 Resp: 182490
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.4

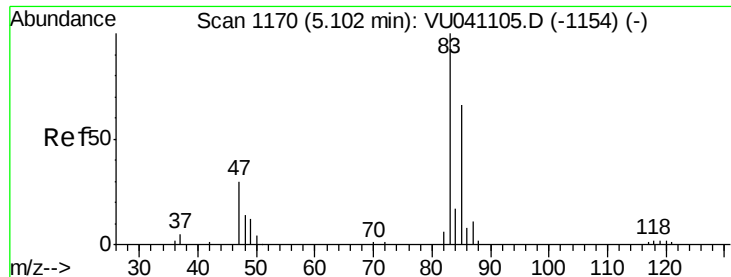


#13

Acetone
 Concen: 2.129 ug/L
 RT: 2.65 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VU041108.D
 Acq: 05 Nov 2020 16:39

Tgt Ion: 43 Resp: 2100
 Ion Ratio Lower Upper
 43 100
 58 18.6 0.0 25.4

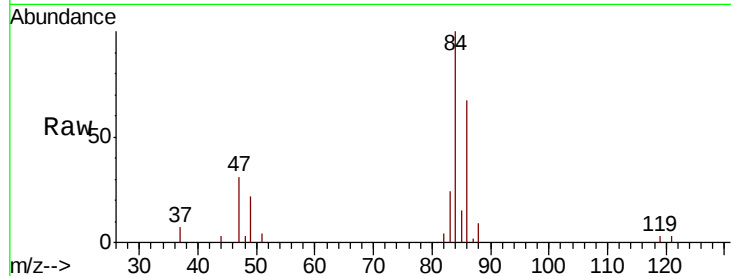




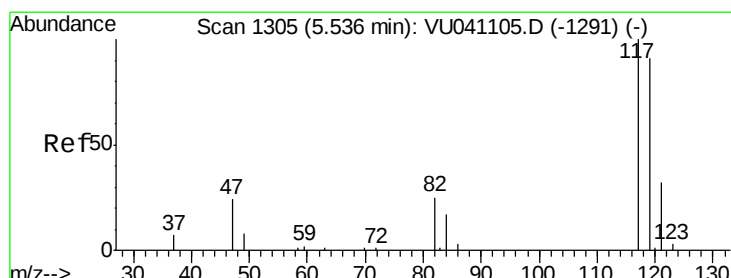
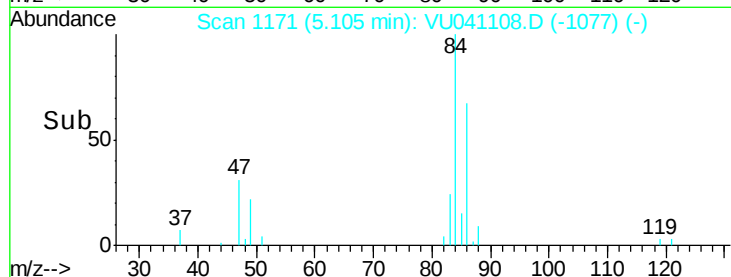
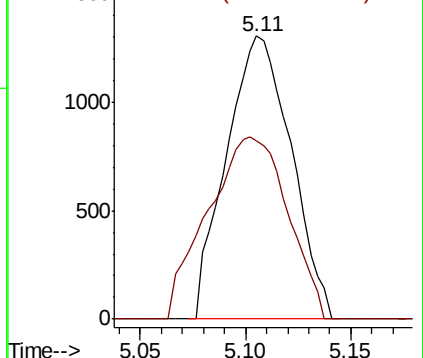
#25
Chloroform
Concen: 0.370 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041108.D
Acq: 05 Nov 2020 16:39

Instrument :
MSVOA_U
ClientSampleId :
C0AA8

Tot Ion: 83 Resp: 2779
Ion Ratio Lower Upper
83 100
85 62.9 46.1 85.7

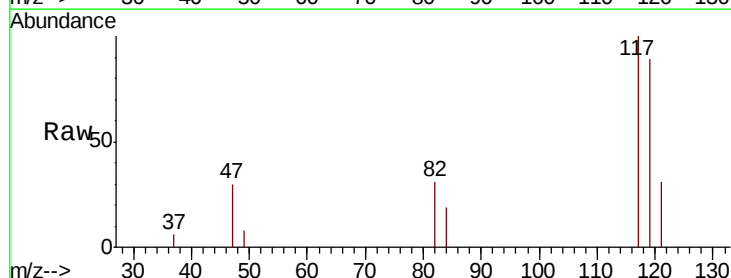


Abundance Ion 83.05 (82.75 to 83.75): VU041108.D (-1177) (-)
Ion 85.00 (84.70 to 85.70): VU041108.D (-1177) (-)

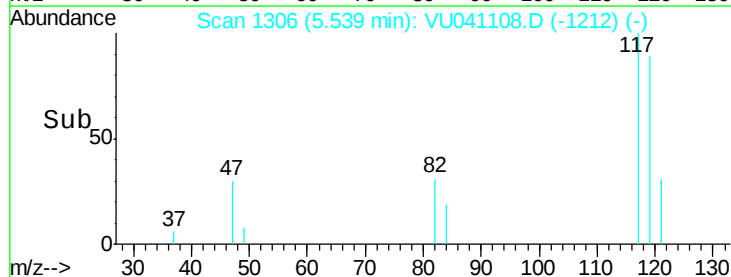
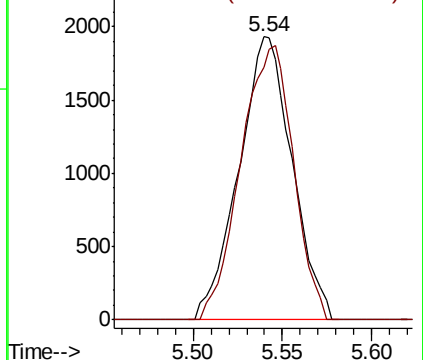


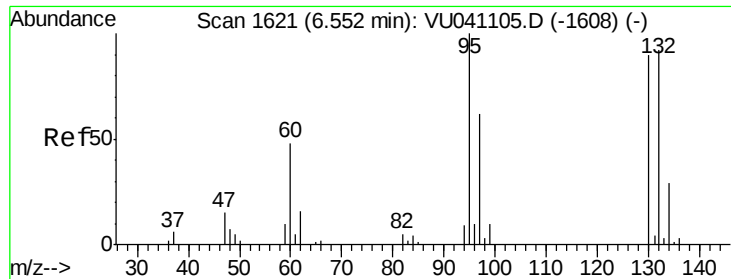
#31
Carbon tetrachloride
Concen: 0.669 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041108.D
Acq: 05 Nov 2020 16:39

Tgt Ion: 117 Resp: 4021
Ion Ratio Lower Upper
117 100
119 95.8 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): VU041108.D (-1212) (-)
Ion 118.90 (118.60 to 119.60): VU041108.D (-1212) (-)





#34

Trichloroethene

Concen: 0.924 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041108.D

Acq: 05 Nov 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

C0AA8

Tot Ion: 95 Resp: 3901

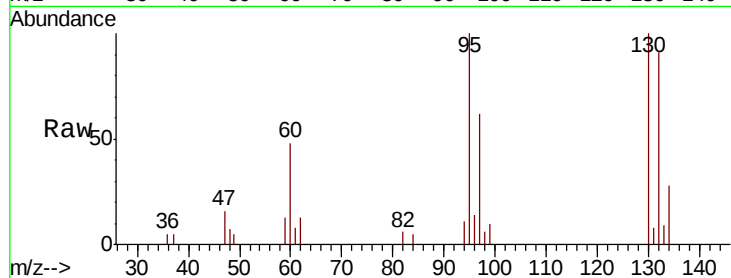
Ion Ratio Lower Upper

95 100

97 61.9 45.6 84.6

132 91.7 64.8 120.4

130 100.3 64.8 120.4

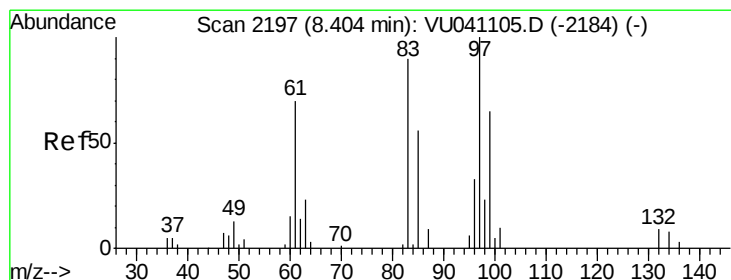
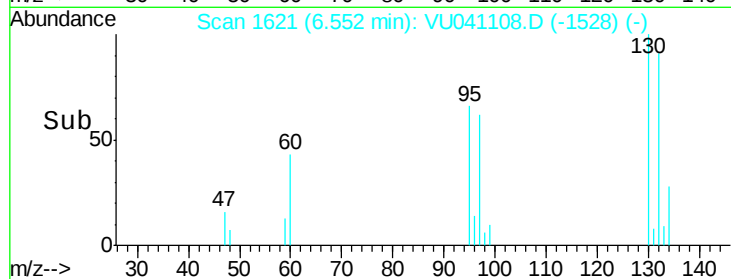
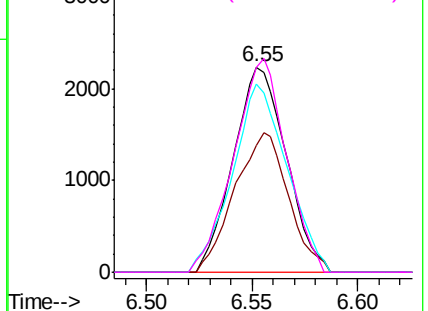


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#45

1,1,2-Trichloroethane

Concen: 0.185 ug/L

RT: 8.41 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VU041108.D

Acq: 05 Nov 2020 16:39

Tgt Ion: 97 Resp: 617

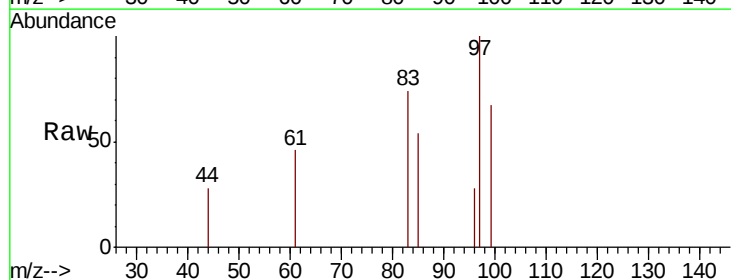
Ion Ratio Lower Upper

97 100

99 67.0 45.8 85.2

83 74.1 67.9 126.1

85 54.2 42.8 79.6

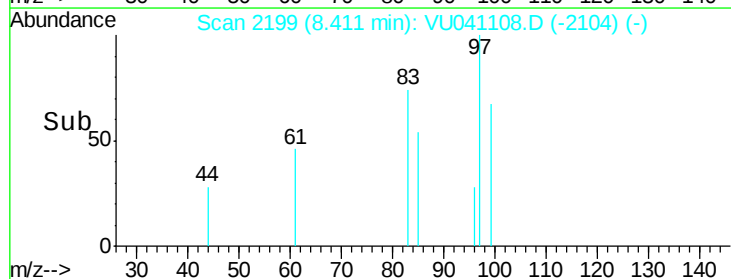
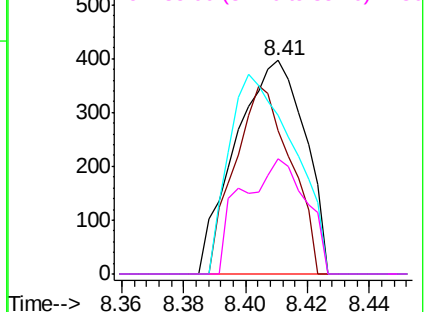


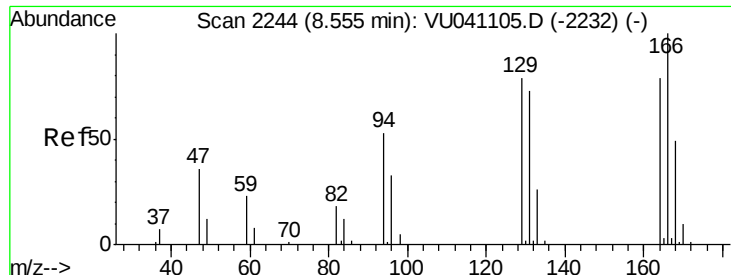
Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0





#47

Tetrachloroethene

Concen: 102.042 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041108.D

Acq: 05 Nov 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

C0AA8

Tot Ion:164 Resp: 316839

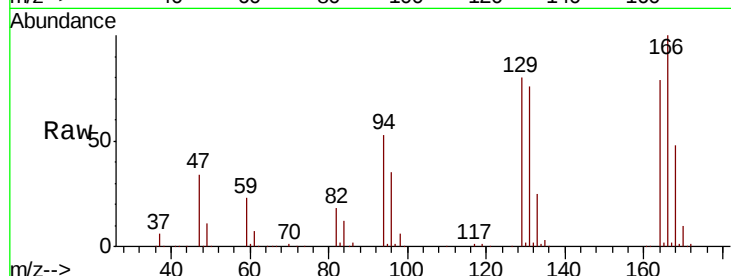
Ion Ratio Lower Upper

164 100

129 101.0 70.3 130.7

131 95.7 70.8 131.4

166 126.4 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

