

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041125.D
 Acq On : 06 Nov 2020 20:08
 Operator : SY/MD
 Sample : L4648-03DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB0DL

Quant Time: Nov 07 00:15:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19359	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.92	69	16622	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.58	63	30164	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	85963	51.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	5.08	84	44687	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	27499	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.74	84	79494	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	28711	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.91	98	66549	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	10232	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.64	63	60267	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24771	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	28180	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

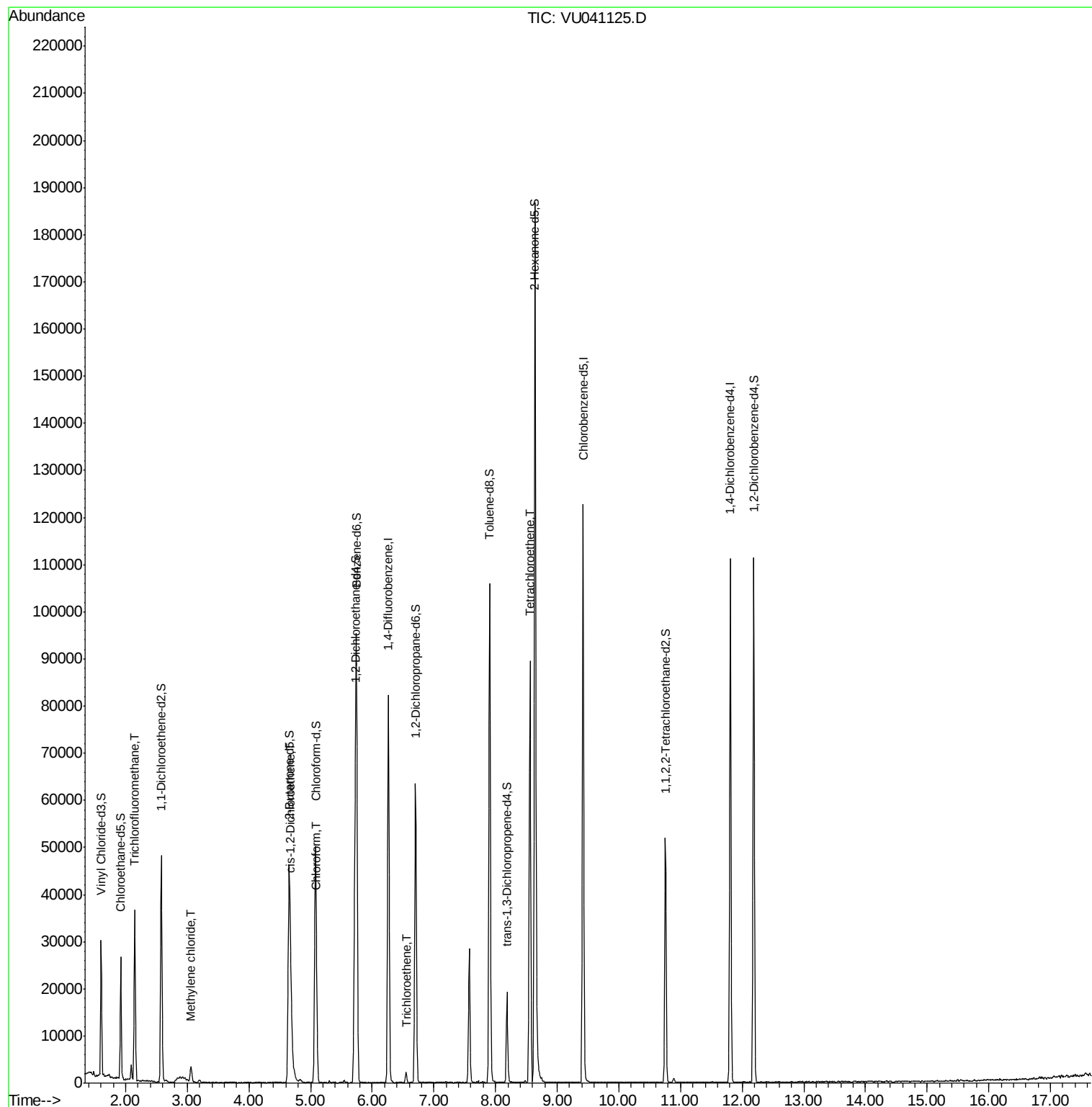
					Ovalue
9) Trichlorofluoromethane	2.15	101	22296	2.873 ug/L	96
16) Methylene chloride	3.06	84	1493	0.298 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	1397	0.310 ug/L	91
25) Chloroform	5.11	83	1187	0.136 ug/L	100
34) Trichloroethene	6.56	95	734	0.153 ug/L	82
47) Tetrachloroethene	8.56	164	18125	5.154 ug/L	97

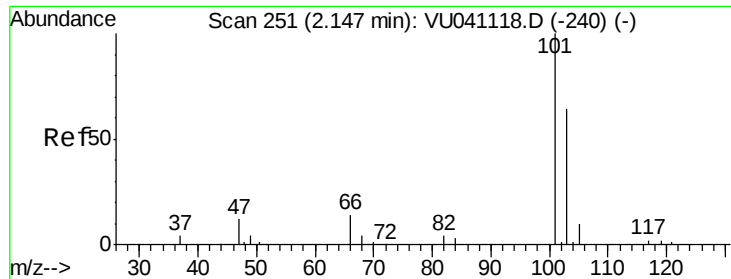
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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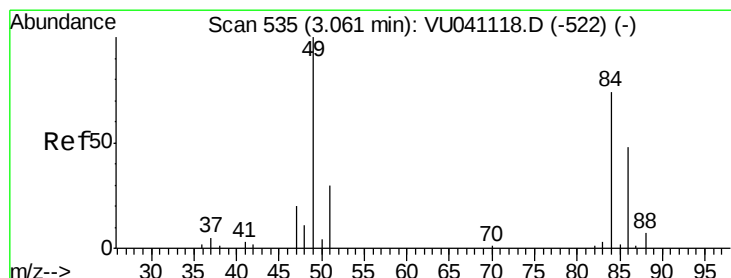
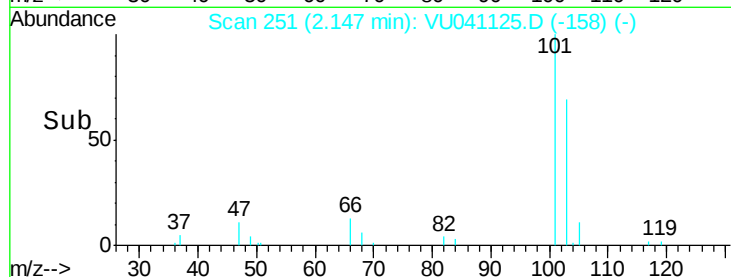
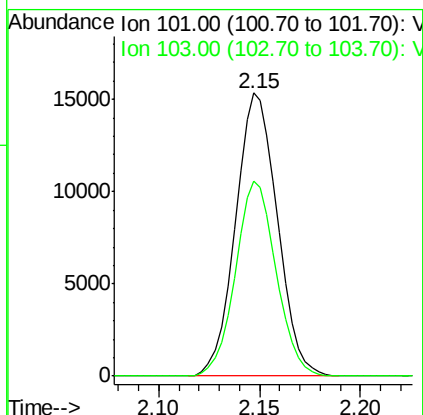
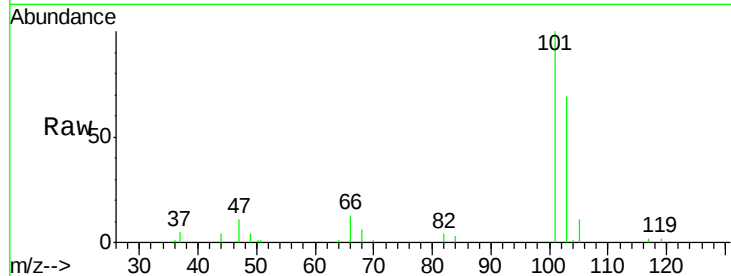


#9

Trichlorofluoromethane
Concen: 2.873 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU041125.D
Acq: 06 Nov 2020 20:08

Instrument :
MSVOA_U
ClientSampleId :
C0AB0DL

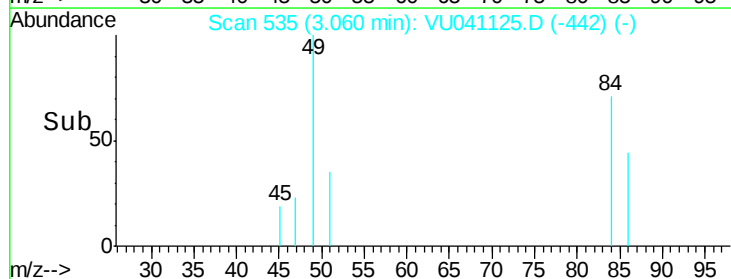
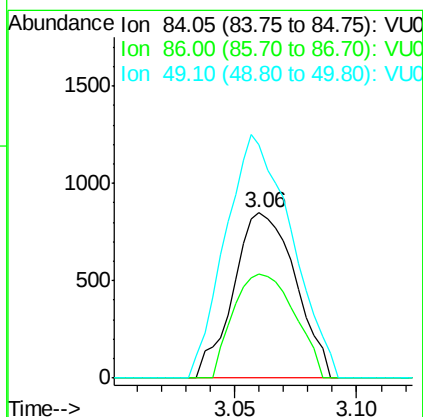
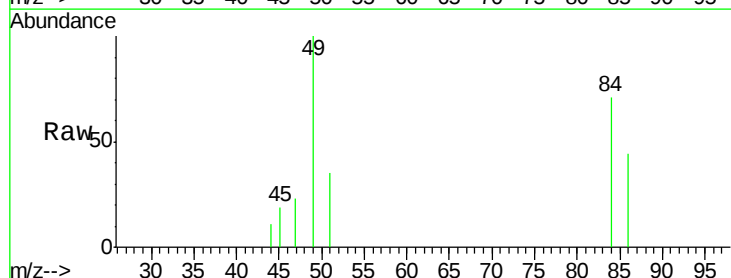
Tot Ion:101 Resp: 22296
Ion Ratio Lower Upper
101 100
103 66.6 51.0 76.4

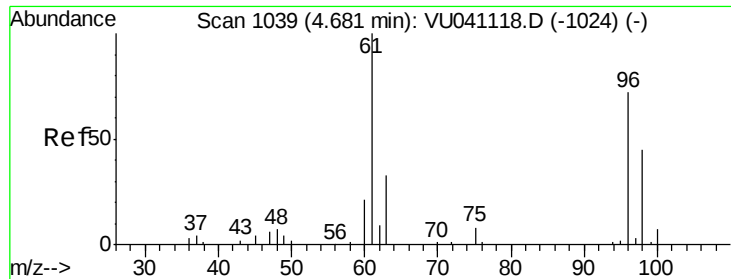


#16

Methylene chloride
Concen: 0.298 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU041125.D
Acq: 06 Nov 2020 20:08

Tgt Ion: 84 Resp: 1493
Ion Ratio Lower Upper
84 100
86 62.9 42.8 79.6
49 141.6 99.5 184.7





#22

cis-1,2-Dichloroethene

Concen: 0.310 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU041125.D

Acq: 06 Nov 2020 20:08

Instrument :

MSVOA_U

ClientSampled :

C0AB0DL

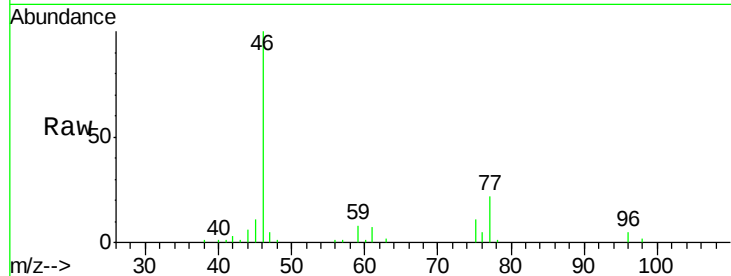
Tot Ion: 96 Resp: 1397

Ion Ratio Lower Upper

96 100

61 149.8 97.2 180.4

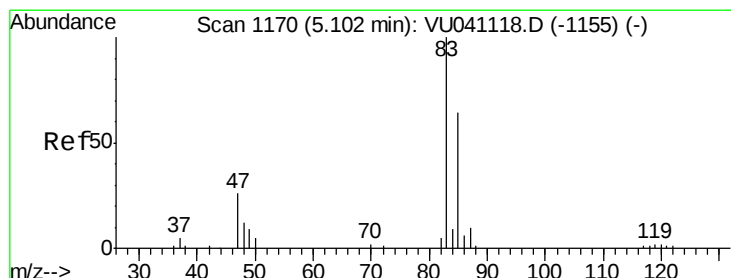
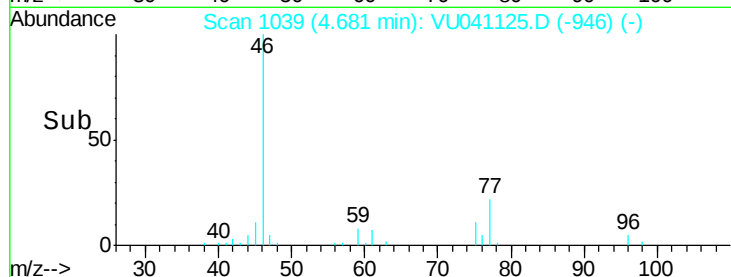
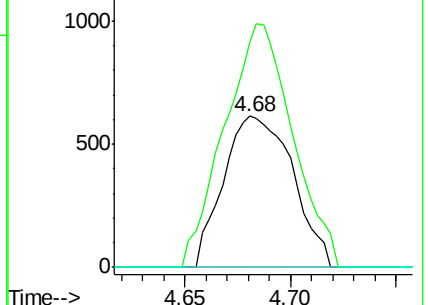
68 0.0 0.0 0.0



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



#25

Chloroform

Concen: 0.136 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041125.D

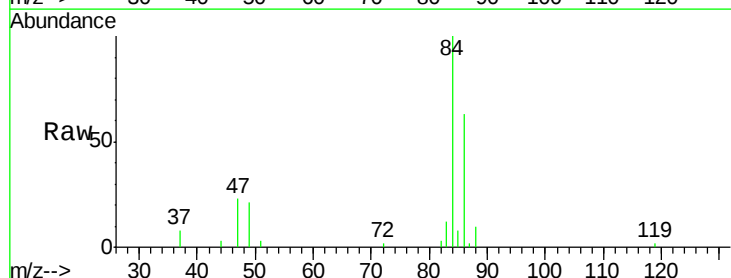
Acq: 06 Nov 2020 20:08

Tgt Ion: 83 Resp: 1187

Ion Ratio Lower Upper

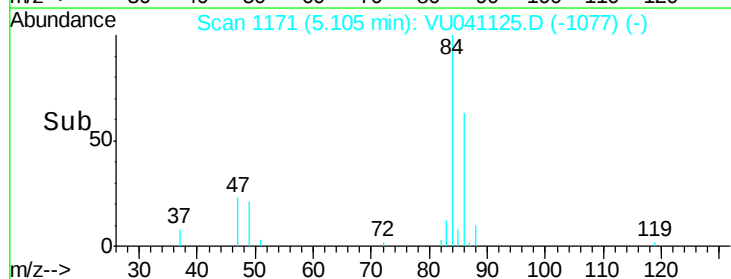
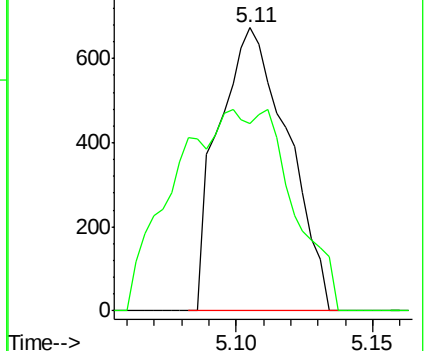
83 100

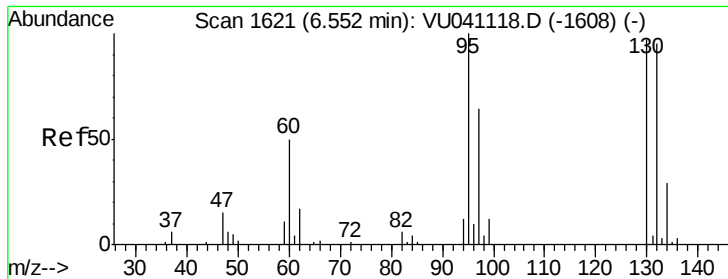
85 66.1 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.153 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041125.D

Acq: 06 Nov 2020 20:08

Instrument :

MSVOA_U

ClientSampleId :

C0AB0DL

Tot Ion: 95 Resp: 734

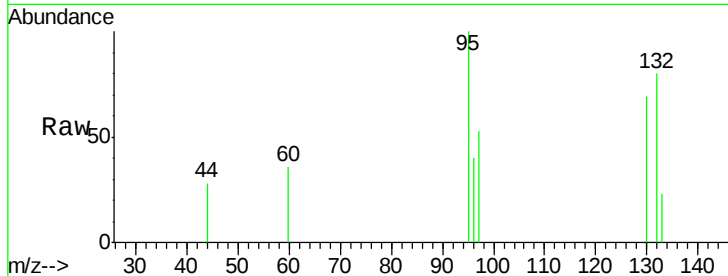
Ion Ratio Lower Upper

95 100

97 52.7 45.6 84.6

132 80.0 64.8 120.4

130 68.8 64.8 120.4

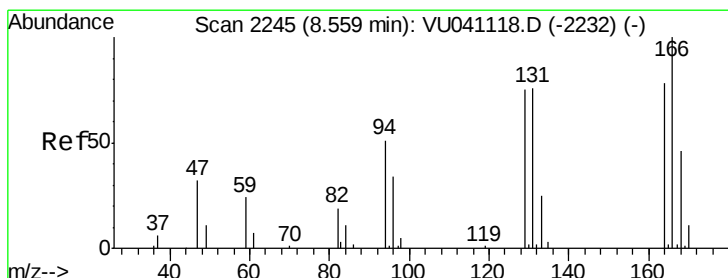
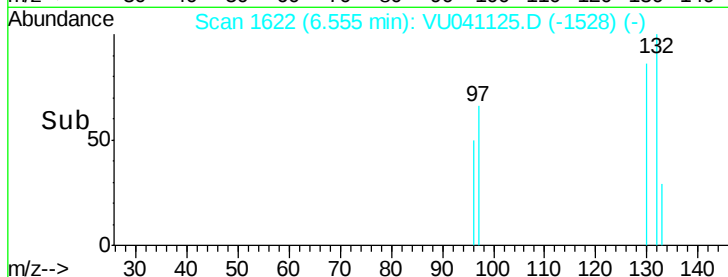
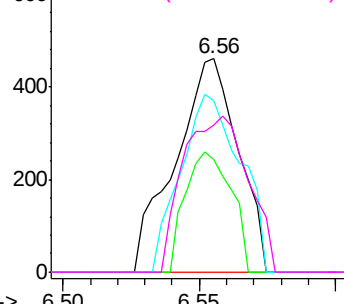


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.154 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU041125.D

Acq: 06 Nov 2020 20:08

Tgt Ion: 164 Resp: 18125

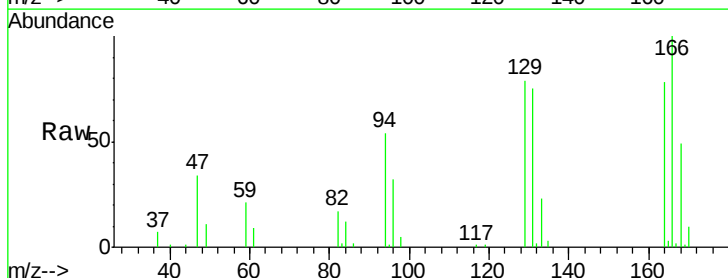
Ion Ratio Lower Upper

164 100

129 100.1 70.3 130.7

131 95.5 70.8 131.4

166 127.5 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

