

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041907.D
 Acq On : 08 Jan 2021 16:00
 Operator : SY/MD
 Sample : M1049-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ6

Quant Time: Jan 09 02:47:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 09 01:31:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36063	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.92	69	39382	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	56399	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	142623	50.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	5.08	84	85977	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.72	65	47765	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	159466	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.70	67	51967	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.90	98	132750	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.19	79	19473	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	132122	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50109	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	52874	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

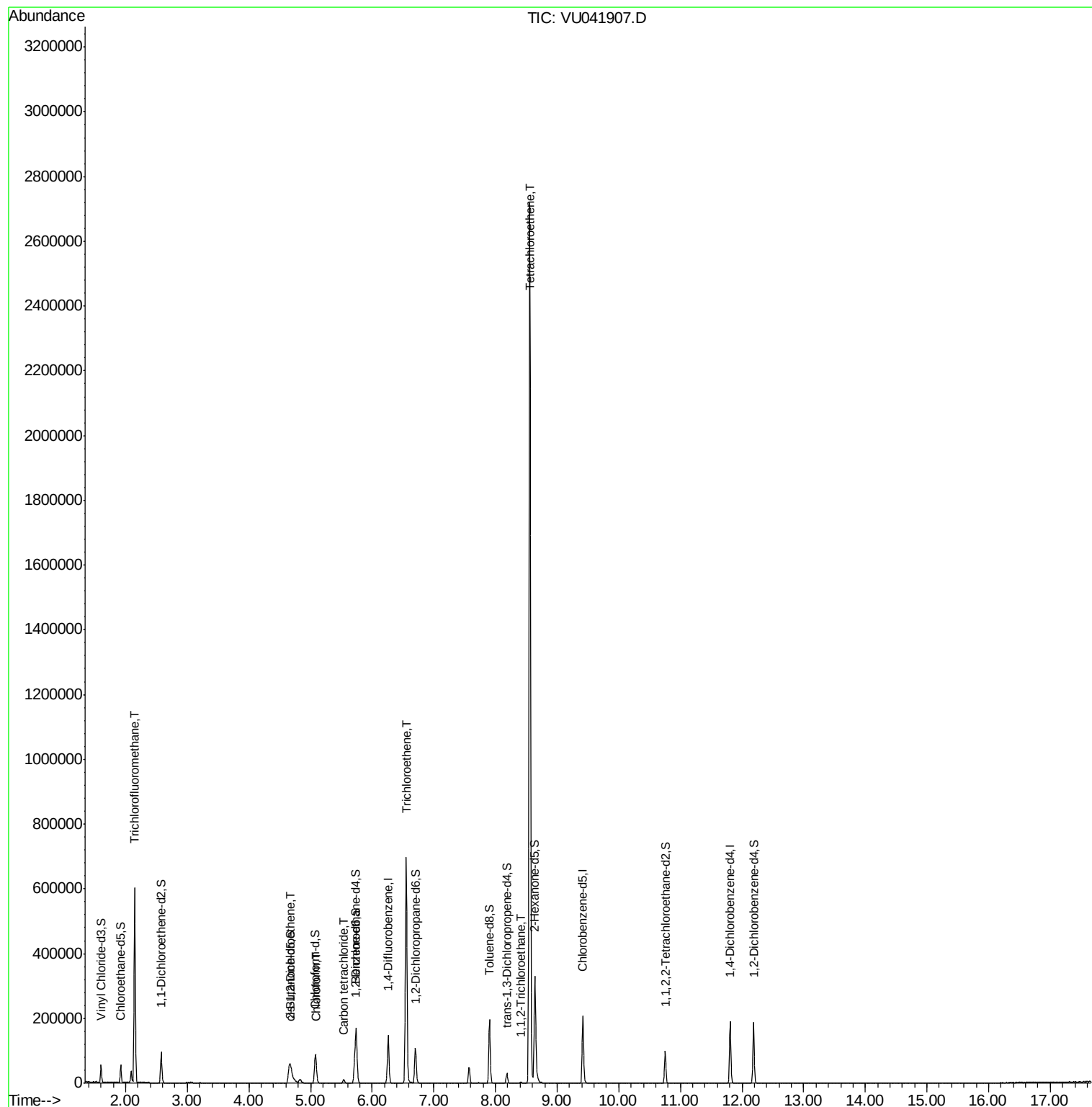
					Qvalue
9) Trichlorofluoromethane	2.15	101	387140	26.892 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	3326	0.343 ug/L	83
25) Chloroform	5.11	83	5540	0.335 ug/L	77
31) Carbon tetrachloride	5.54	117	7595	0.620 ug/L	99
34) Trichloroethene	6.55	95	243090	24.535 ug/L	94
45) 1,1,2-Trichloroethane	8.41	97	1659	0.222 ug/L	93
47) Tetrachloroethene	8.56	164	637159	91.863 ug/L	96

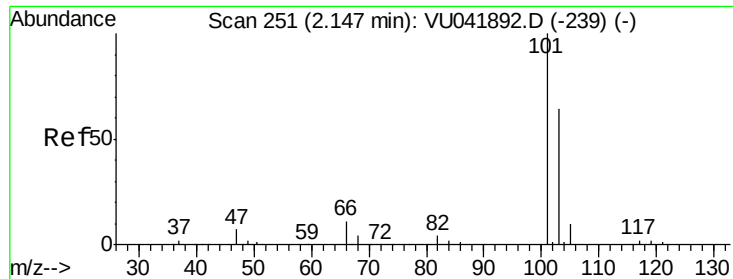
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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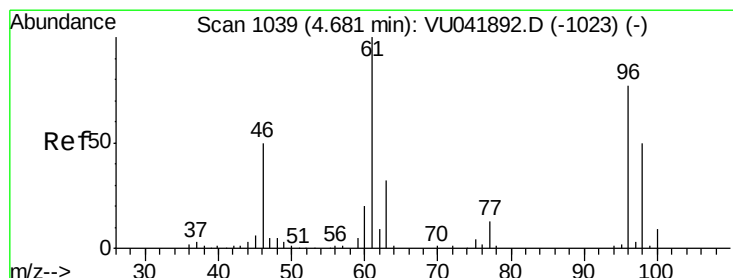
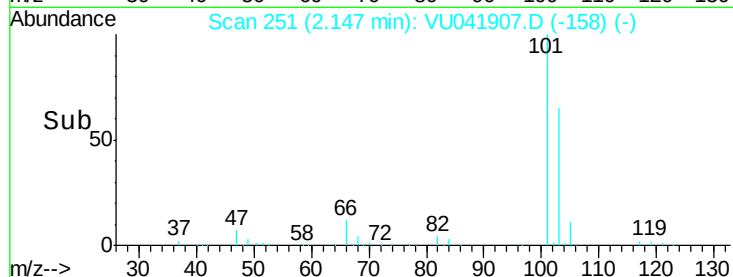
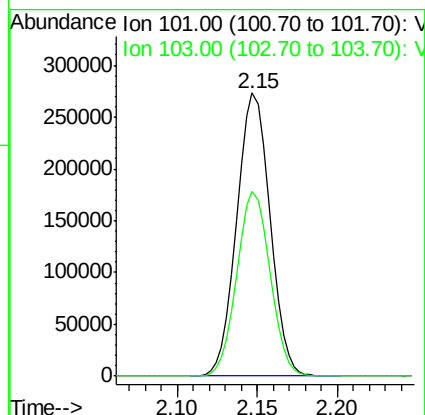
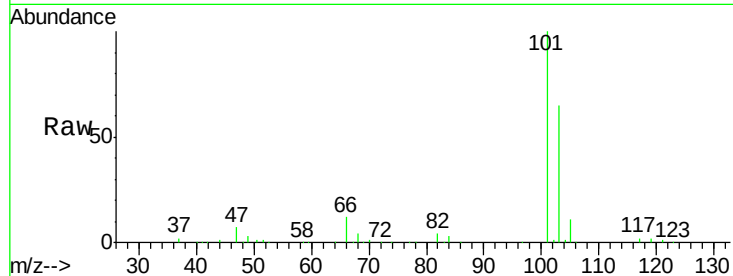


#9

Trichlorofluoromethane
Concen: 26.892 ug/L
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU041907.D
Acq: 08 Jan 2021 16:00

Instrument :
MSVOA_U
ClientSampleId :
C0AQ6

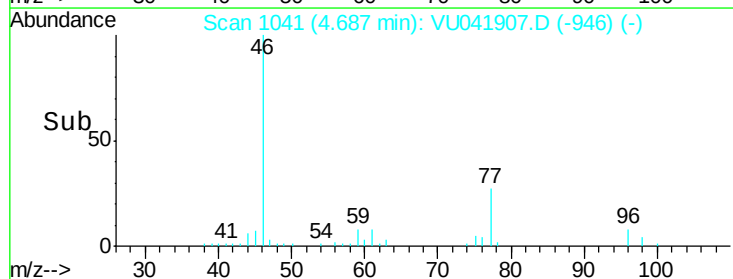
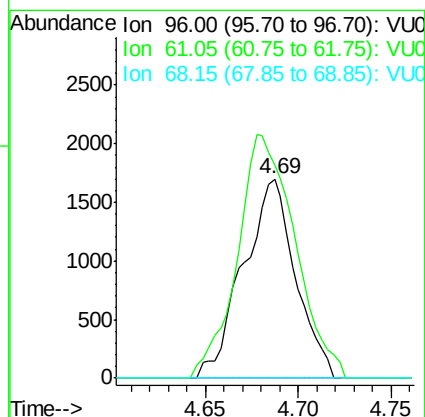
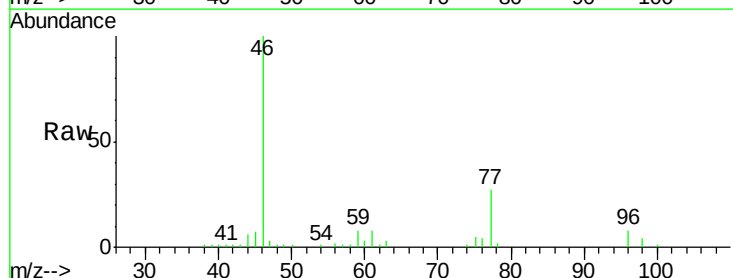
Tgt Ion: 101 Resp: 387140
Ion Ratio Lower Upper
101 100
103 65.3 51.1 76.7

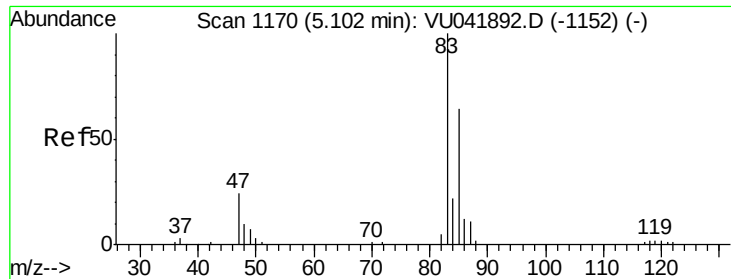


#22

cis-1,2-Dichloroethene
Concen: 0.343 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041907.D
Acq: 08 Jan 2021 16:00

Tgt Ion: 96 Resp: 3326
Ion Ratio Lower Upper
96 100
61 107.1 88.8 165.0
68 0.0 0.0 0.0

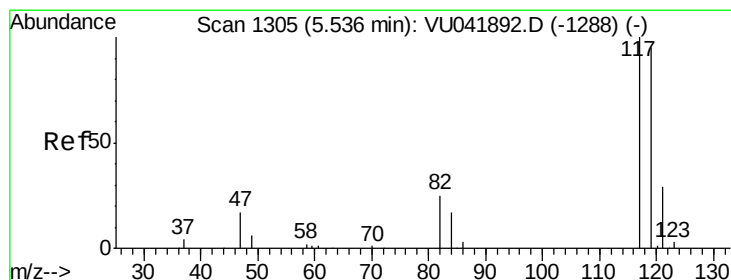
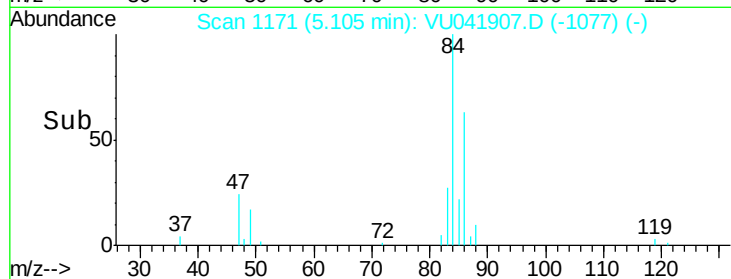
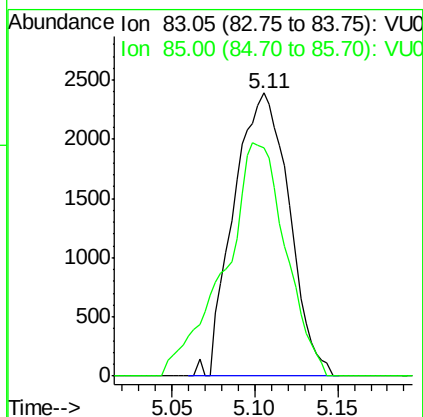
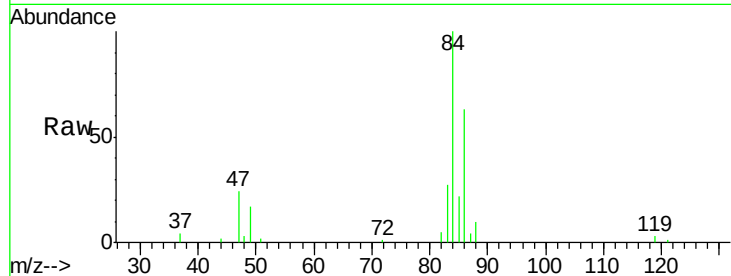




#25
Chloroform
Concen: 0.335 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU041907.D
Acq: 08 Jan 2021 16:00

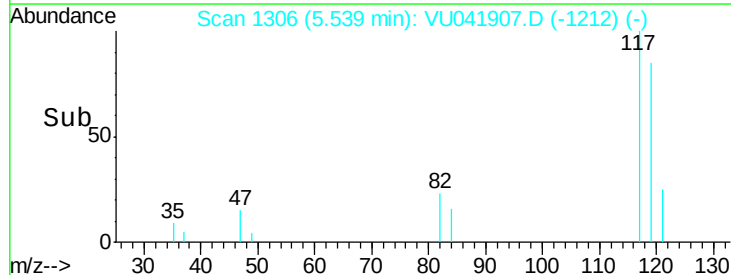
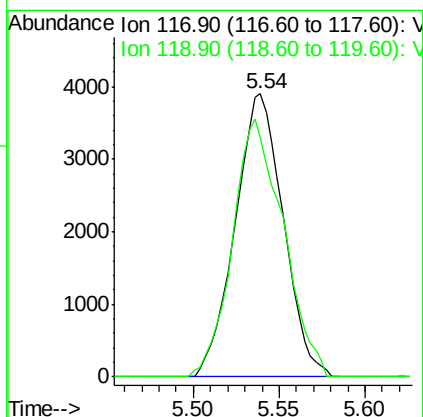
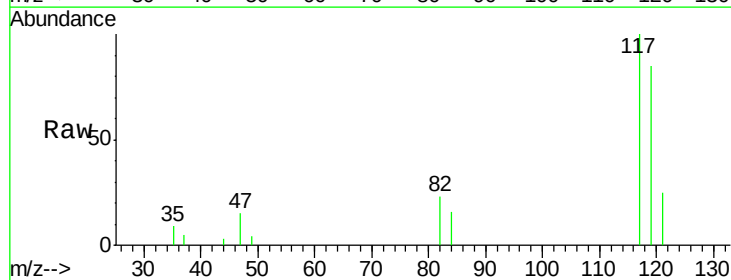
Instrument :
MSVOA_U
ClientSampleId :
C0AQ6

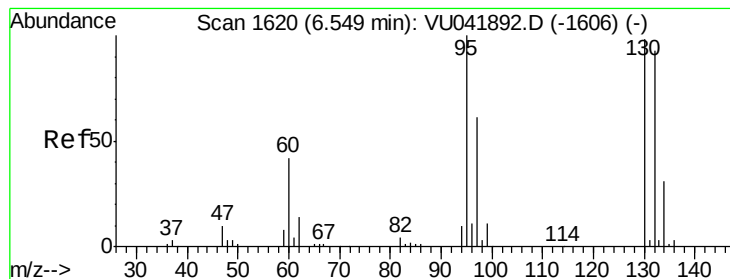
Tgt Ion: 83 Resp: 5540
Ion Ratio Lower Upper
83 100
85 80.7 44.2 82.0



#31
Carbon tetrachloride
Concen: 0.620 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041907.D
Acq: 08 Jan 2021 16:00

Tgt Ion: 117 Resp: 7595
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2





#34

Trichloroethene

Concen: 24.535 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041907.D

Acq: 08 Jan 2021 16:00

Instrument :

MSVOA_U

ClientSampleId :

C0AQ6

Tgt Ion: 95 Resp: 243090

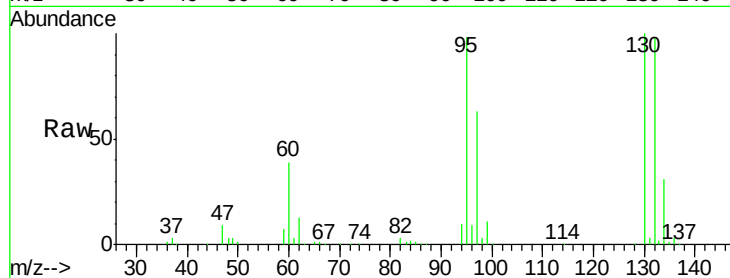
Ion Ratio Lower Upper

95 100

97 64.2 43.9 81.5

132 99.4 63.1 117.3

130 101.5 67.4 125.2

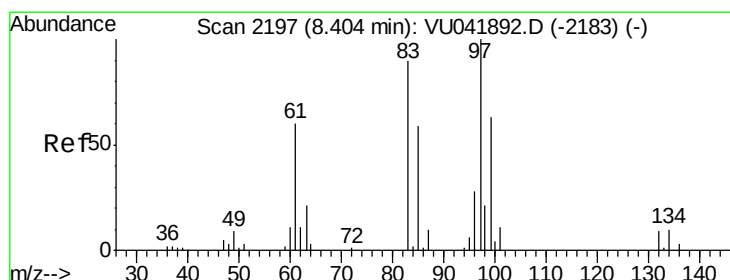
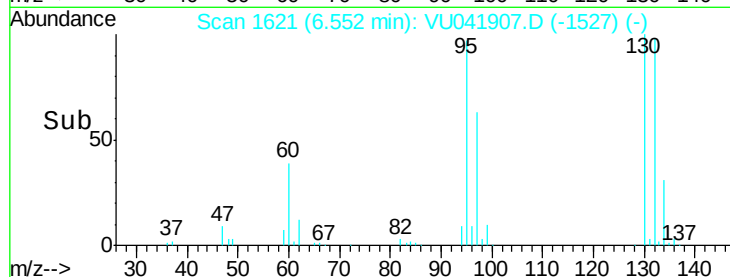
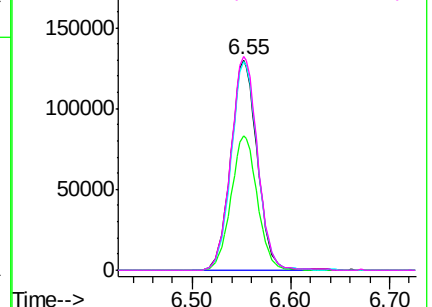


Abundance Ion 95.00 (94.70 to 95.70): VU041892.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU041892.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU041892.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU041892.D (-1606) (-)



#45

1,1,2-Trichloroethane

Concen: 0.222 ug/L

RT: 8.41 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VU041907.D

Acq: 08 Jan 2021 16:00

Tgt Ion: 97 Resp: 1659

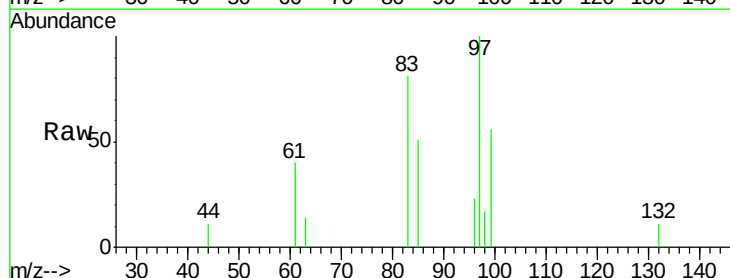
Ion Ratio Lower Upper

97 100

99 56.2 42.1 78.3

83 81.0 62.6 116.2

85 50.8 39.1 72.7

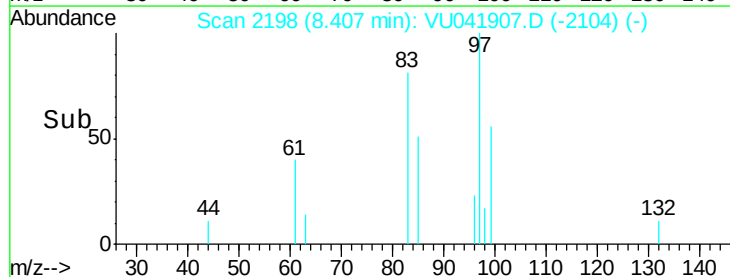
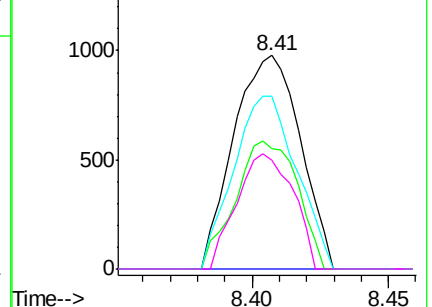


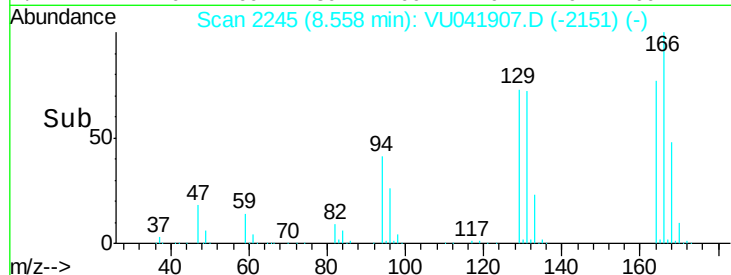
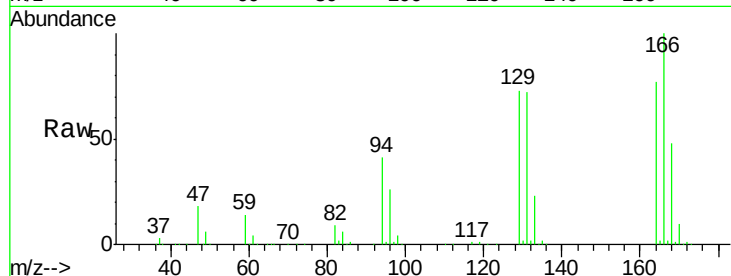
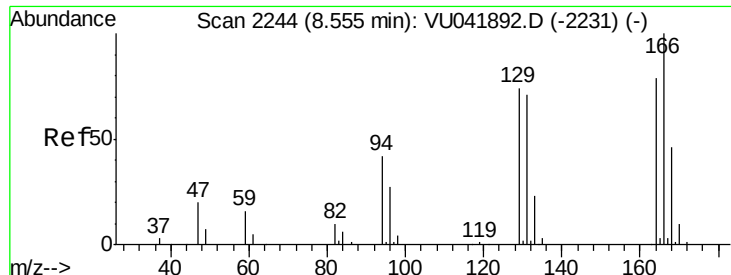
Abundance Ion 96.95 (96.65 to 97.65): VU041892.D (-2183) (-)

Ion 99.05 (98.75 to 99.75): VU041892.D (-2183) (-)

Ion 82.95 (82.65 to 83.65): VU041892.D (-2183) (-)

Ion 85.00 (84.70 to 85.70): VU041892.D (-2183) (-)





#47

Tetrachloroethene

Concen: 91.863 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041907.D

Acq: 08 Jan 2021 16:00

Instrument :

MSVOA_U

ClientSampleId :

C0AQ6

Tgt Ion:164 Resp: 637159

Ion Ratio Lower Upper

164 100

129 94.1 72.2 134.0

131 92.4 66.9 124.3

166 129.2 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

