

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
 Data File : VU041904.D
 Acq On : 08 Jan 2021 14:48
 Operator : SY/MD
 Sample : M1049-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ3

Quant Time: Jan 09 02:37:06 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	129822	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36888	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.92	69	40002	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	57370	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.65	46	149308	51.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	5.08	84	94451	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.72	65	50598	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	171684	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.70	67	53414	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.91	98	139783	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.18	79	20149	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.64	63	127964	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	51139	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	56456	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

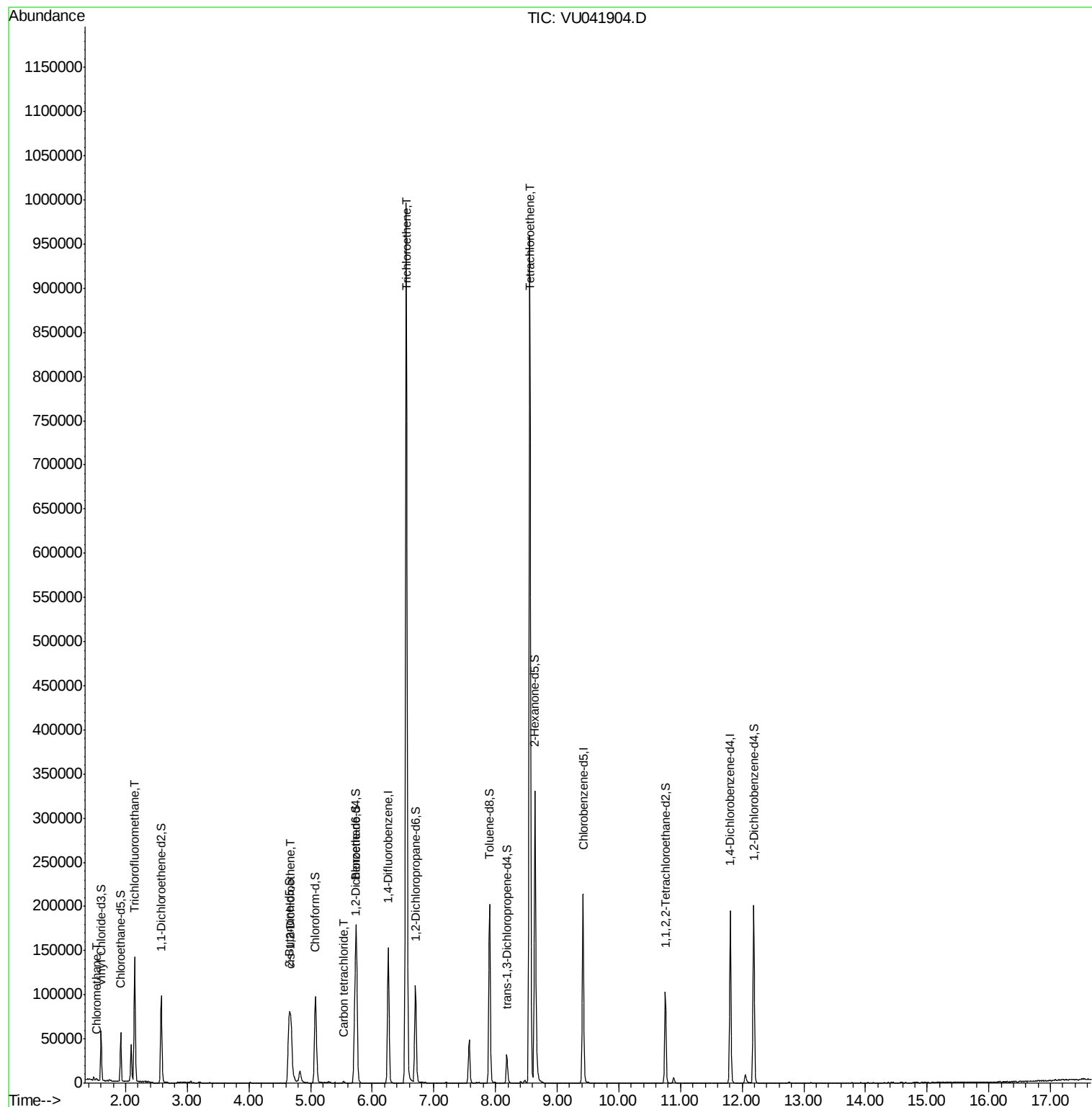
					Qvalue
3) Chloromethane	1.52	50	1155	0.108 ug/L	91
9) Trichlorofluoromethane	2.15	101	89462	5.991 ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	20036	1.990 ug/L	97
31) Carbon tetrachloride	5.54	117	1245	0.098 ug/L	84
34) Trichloroethene	6.55	95	344396	33.342 ug/L	94
47) Tetrachloroethene	8.56	164	225098	31.130 ug/L	97

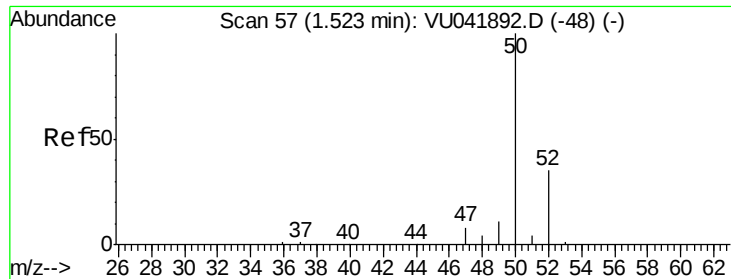
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.108 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041904.D

Acq: 08 Jan 2021 14:48

Instrument :

MSVOA_U

ClientSampleId :

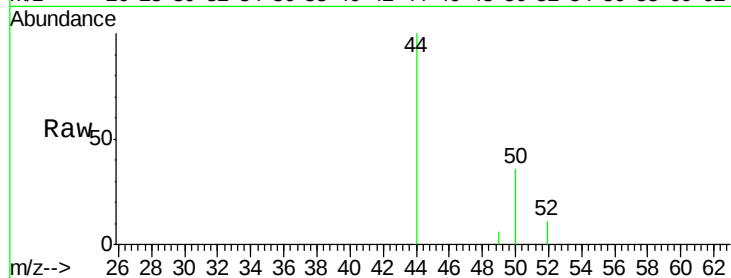
C0AQ3

Tgt Ion: 50 Resp: 1155

Ion Ratio Lower Upper

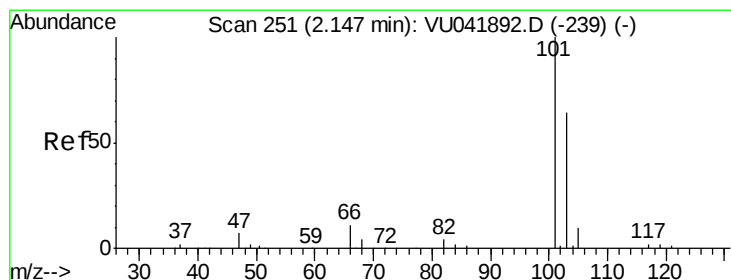
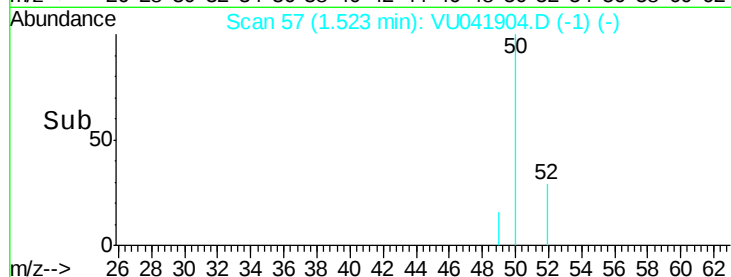
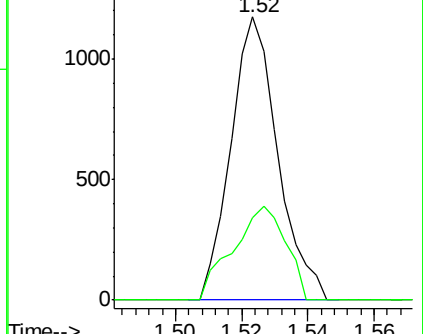
50 100

52 29.1 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#9

Trichlorofluoromethane

Concen: 5.991 ug/L

RT: 2.15 min Scan# 251

Delta R.T. 0.00 min

Lab File: VU041904.D

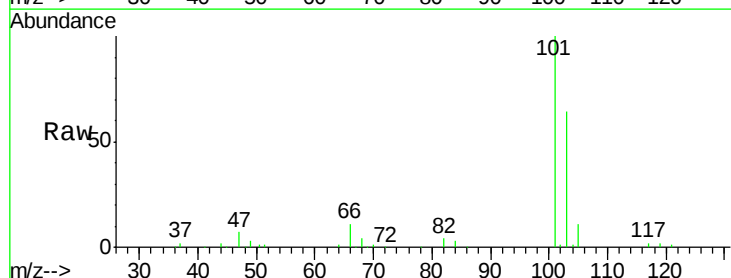
Acq: 08 Jan 2021 14:48

Tgt Ion: 101 Resp: 89462

Ion Ratio Lower Upper

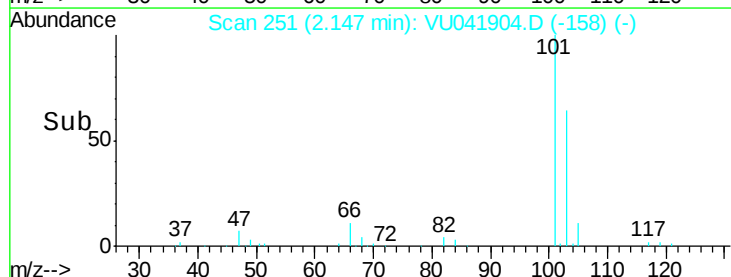
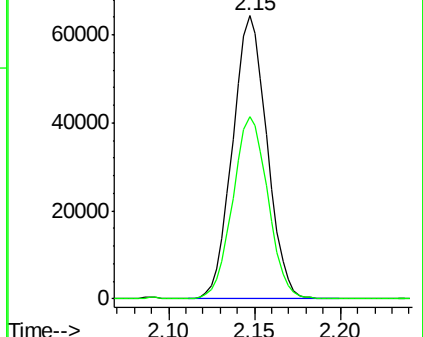
101 100

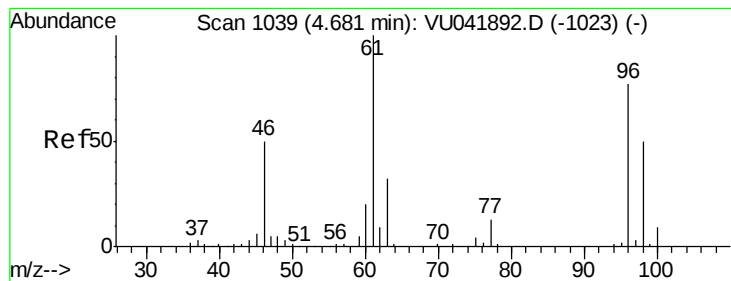
103 65.9 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#22

cis-1,2-Dichloroethene

Concen: 1.990 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VU041904.D

Acq: 08 Jan 2021 14:48

Instrument :

MSVOA_U

ClientSampleId :

C0AQ3

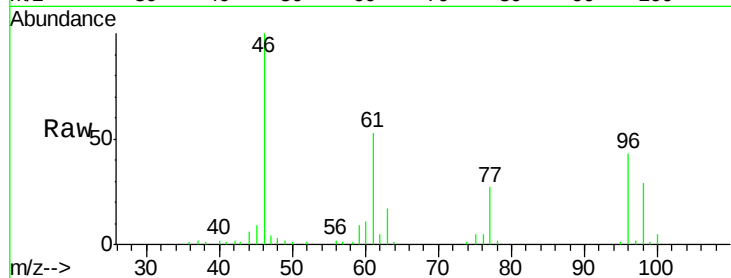
Tgt Ion: 96 Resp: 20036

Ion Ratio Lower Upper

96 100

61 123.1 88.8 165.0

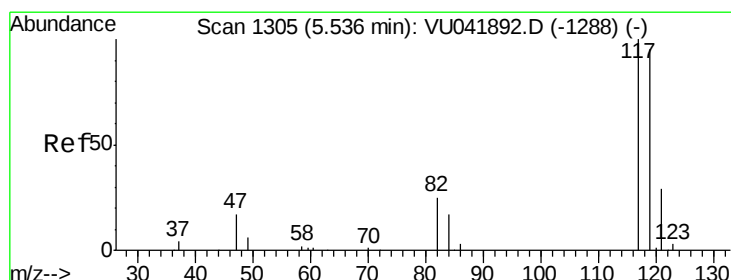
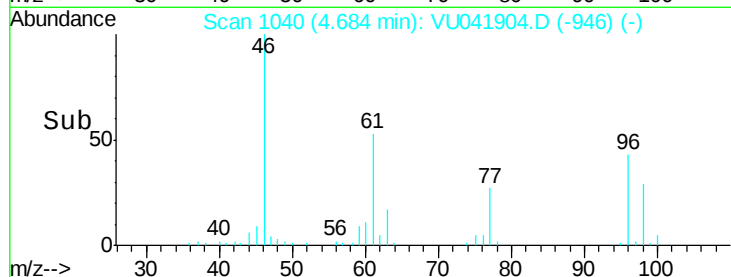
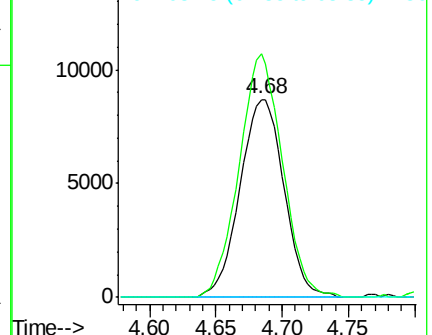
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041892.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU041892.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU041892.D (-1023) (-)



#31

Carbon tetrachloride

Concen: 0.098 ug/L

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU041904.D

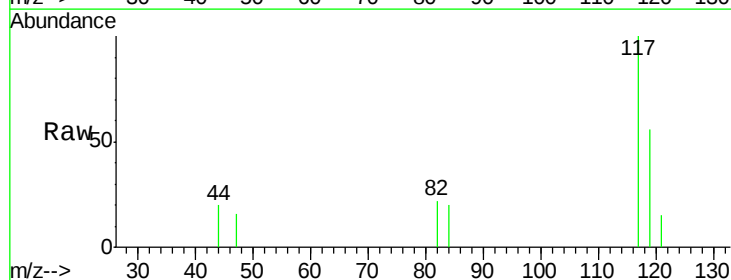
Acq: 08 Jan 2021 14:48

Tgt Ion: 117 Resp: 1245

Ion Ratio Lower Upper

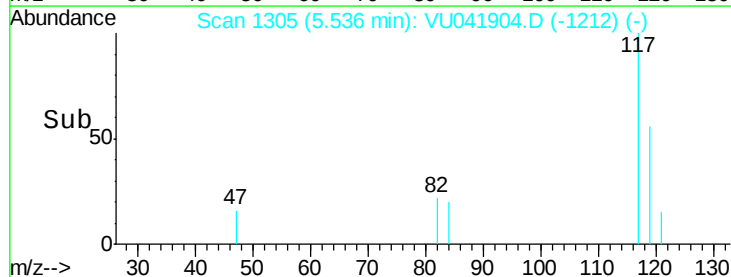
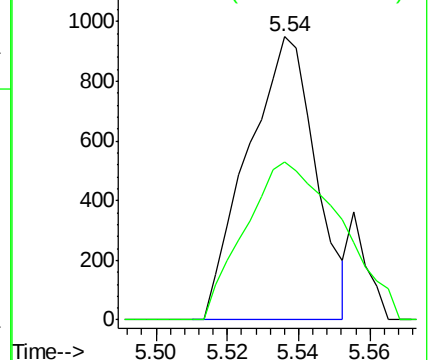
117 100

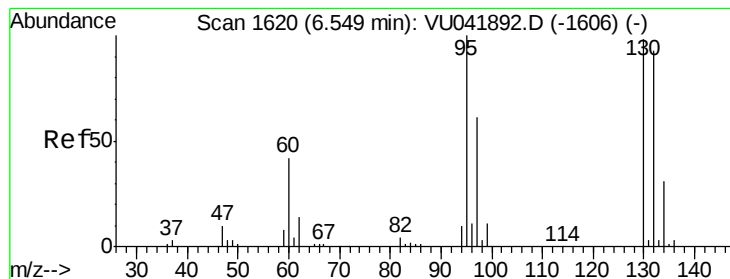
119 79.5 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): VU041892.D (-1288) (-)

Ion 118.90 (118.60 to 119.60): VU041892.D (-1288) (-)





#34

Trichloroethene

Concen: 33.342 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041904.D

Acq: 08 Jan 2021 14:48

Instrument :

MSVOA_U

ClientSampled :

C0AQ3

Tgt Ion: 95 Resp: 344396

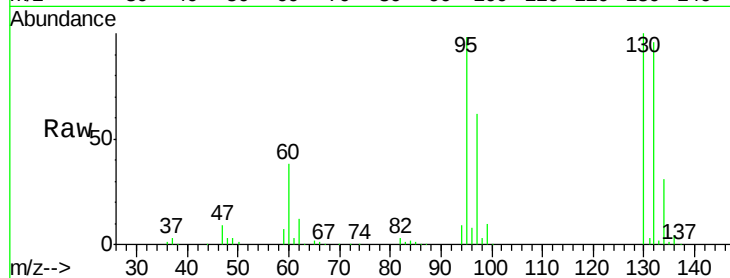
Ion Ratio Lower Upper

95 100

97 63.0 43.9 81.5

132 98.2 63.1 117.3

130 102.4 67.4 125.2



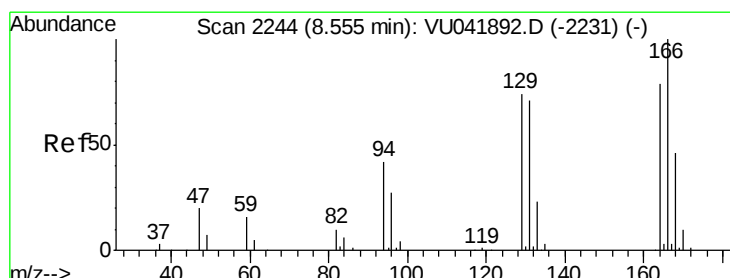
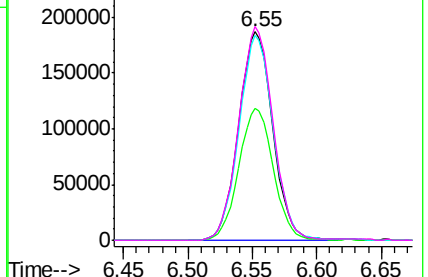
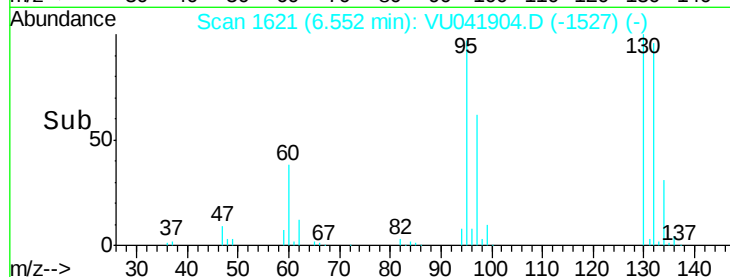
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#47

Tetrachloroethene

Concen: 31.130 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041904.D

Acq: 08 Jan 2021 14:48

Tgt Ion: 164 Resp: 225098

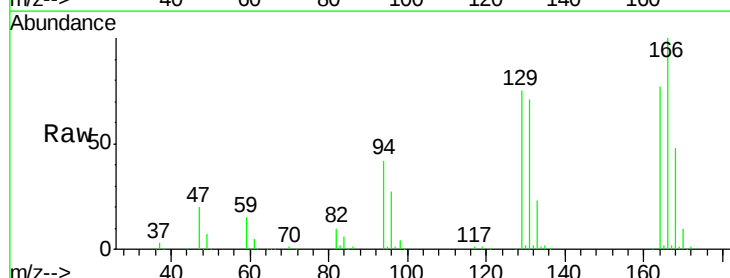
Ion Ratio Lower Upper

164 100

129 96.7 72.2 134.0

131 92.2 66.9 124.3

166 129.3 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

Time-->

