

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110320\
 Data File : VU041087.D
 Acq On : 03 Nov 2020 18:55
 Operator : SY/MD
 Sample : L4575-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA4

Quant Time: Nov 04 02:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17376	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	14263	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.58	63	25217	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.65	46	75035	54.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	5.08	84	34836	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	22071	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.74	84	62032	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	22619	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	49068	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	8499	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	53253	50.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20012	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	19292	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

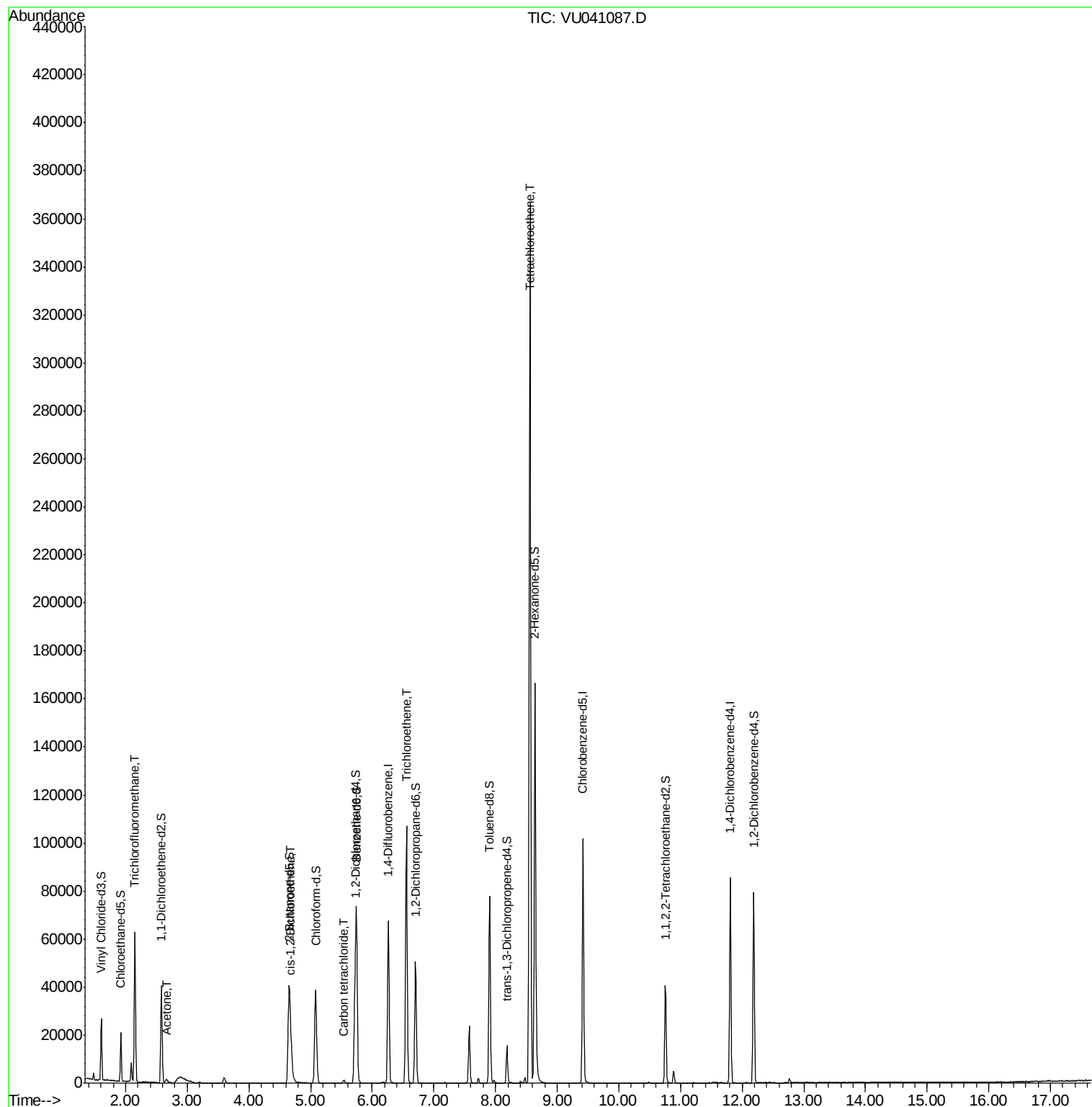
					Ovalue
9) Trichlorofluoromethane	2.15	101	38785	6.064 ug/L	99
13) Acetone	2.66	43	3103	3.274 ug/L	69
22) cis-1,2-Dichloroethene	4.68	96	2170	0.585 ug/L	90
31) Carbon tetrachloride	5.54	117	827	0.148 ug/L	89
34) Trichloroethene	6.55	95	35932	9.136 ug/L	97
47) Tetrachloroethene	8.56	164	71416	24.695 ug/L	98

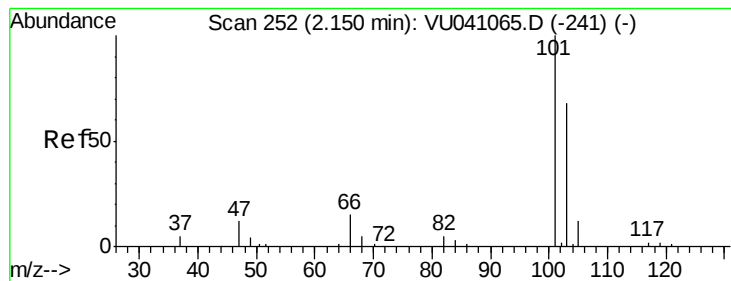
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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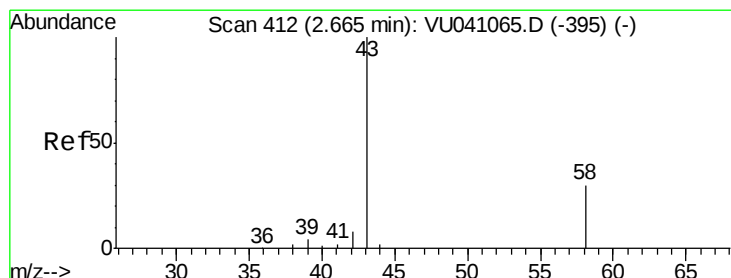
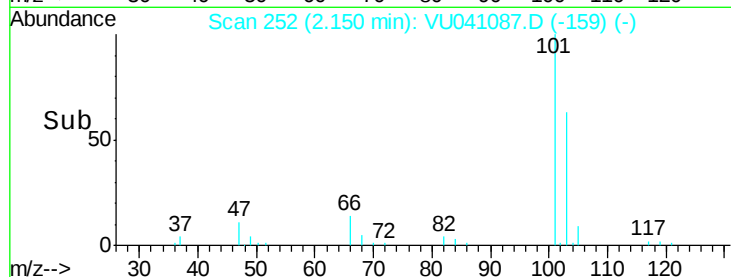
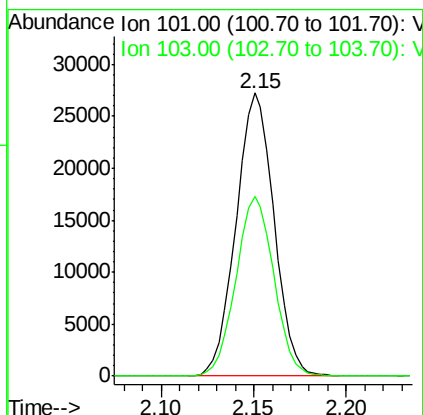
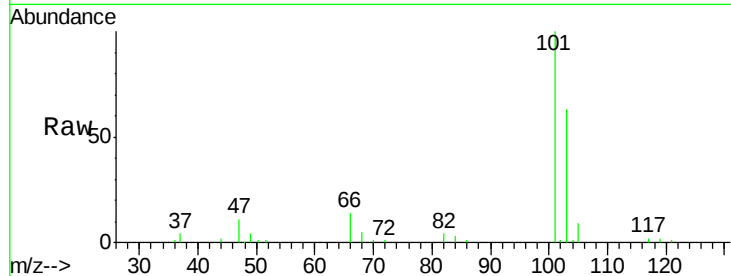


#9

Trichlorofluoromethane
 Concen: 6.064 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU041087.D
 Acq: 03 Nov 2020 18:55

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA4

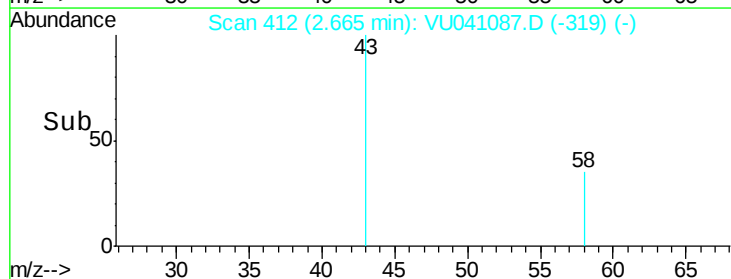
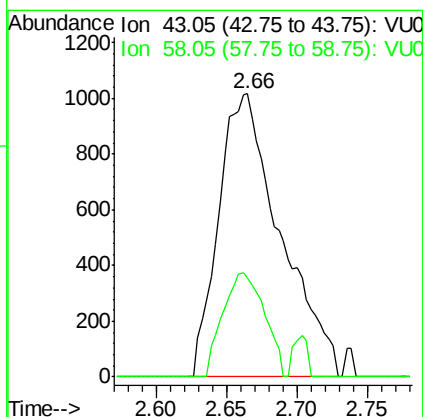
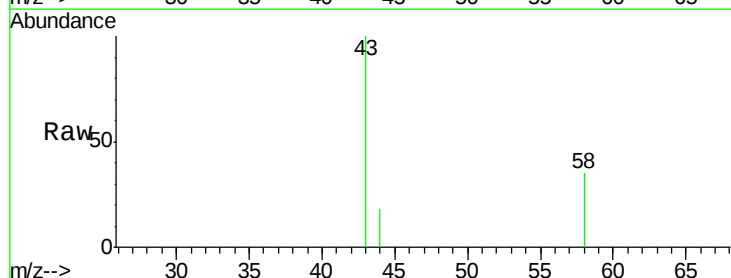
Tot Ion:101 Resp: 38785
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.0 76.4

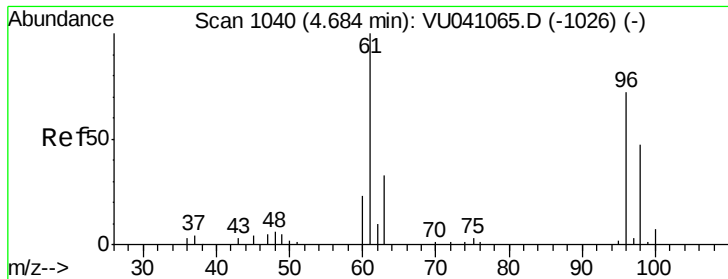


#13

Acetone
 Concen: 3.274 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: VU041087.D
 Acq: 03 Nov 2020 18:55

Tgt Ion: 43 Resp: 3103
 Ion Ratio Lower Upper
 43 100
 58 24.8 0.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 0.585 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU041087.D

Acq: 03 Nov 2020 18:55

Instrument :

MSVOA_U

ClientSampleId :

C0AA4

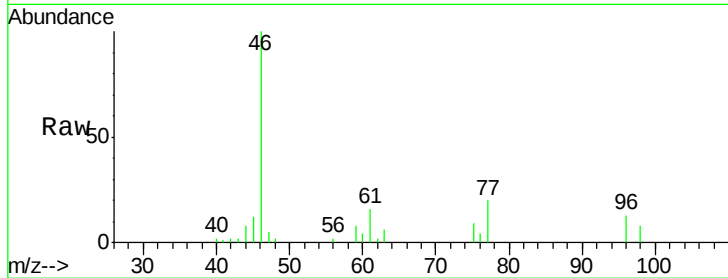
Tot Ion: 96 Resp: 2170

Ion Ratio Lower Upper

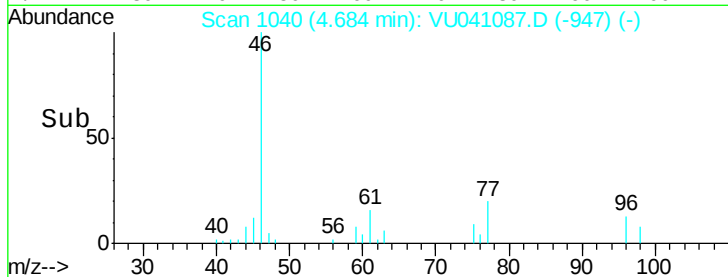
96 100

61 126.4 97.2 180.4

68 0.0 0.0 0.0

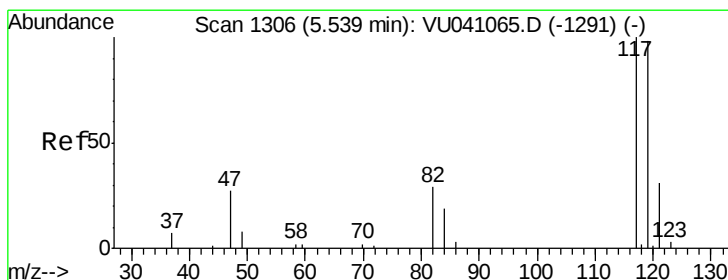
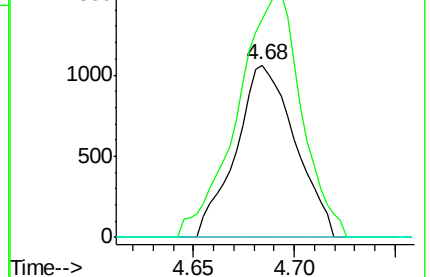


Abundance Ion 96.00 (95.70 to 96.70): VU041087.D (-947) (-)



Ion 61.05 (60.75 to 61.75): VU041087.D (-947) (-)

Ion 68.15 (67.85 to 68.85): VU041087.D (-947) (-)



#31

Carbon tetrachloride

Concen: 0.148 ug/L

RT: 5.54 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VU041087.D

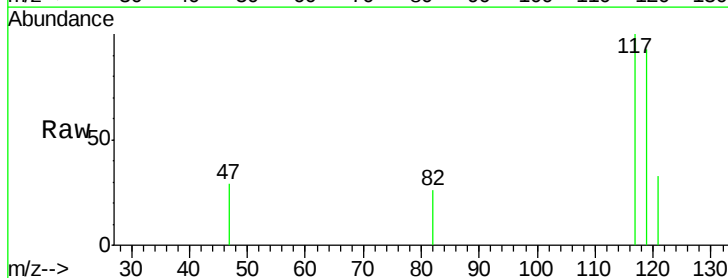
Acq: 03 Nov 2020 18:55

Tgt Ion: 117 Resp: 827

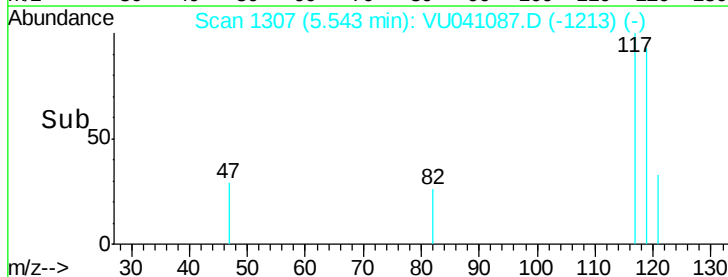
Ion Ratio Lower Upper

117 100

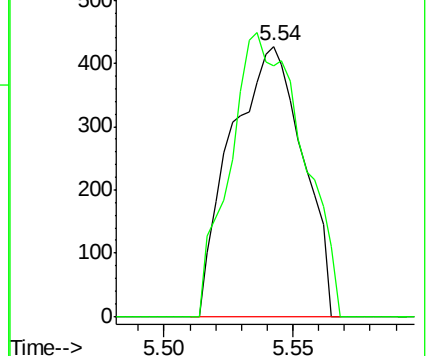
119 105.9 76.1 114.1

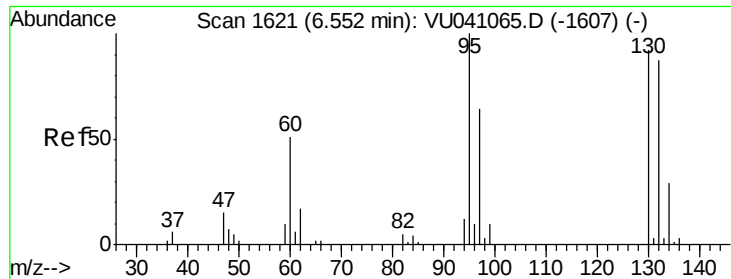


Abundance Ion 116.90 (116.60 to 117.60): VU041087.D (-1213) (-)



Ion 118.90 (118.60 to 119.60): VU041087.D (-1213) (-)





#34

Trichloroethene

Concen: 9.136 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041087.D

Acq: 03 Nov 2020 18:55

Instrument :

MSVOA_U

ClientSampleId :

C0AA4

Tot Ion: 95 Resp: 35932

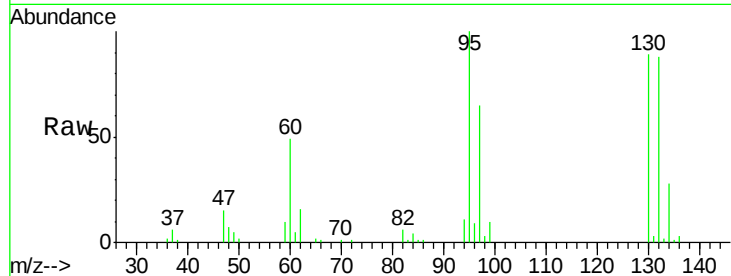
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.6

132 88.2 64.8 120.4

130 88.9 64.8 120.4

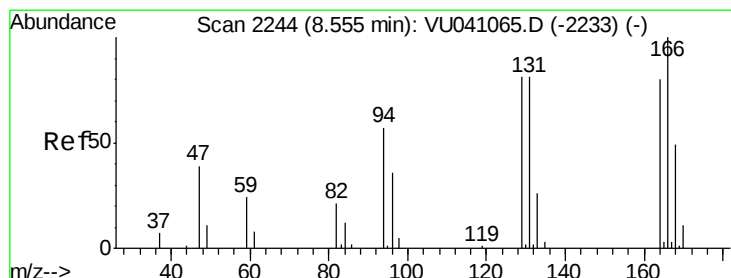
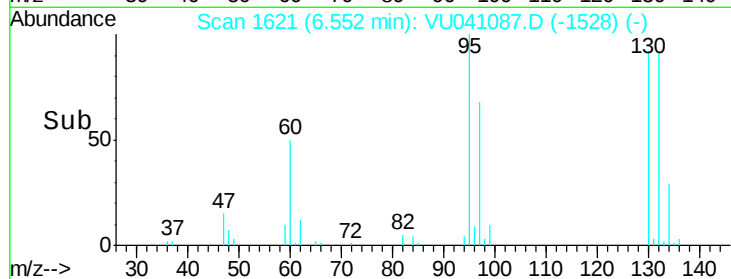
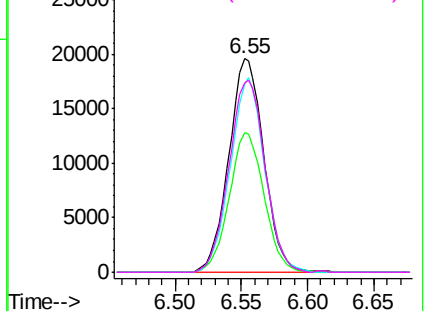


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 24.695 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041087.D

Acq: 03 Nov 2020 18:55

Tgt Ion: 164 Resp: 71416

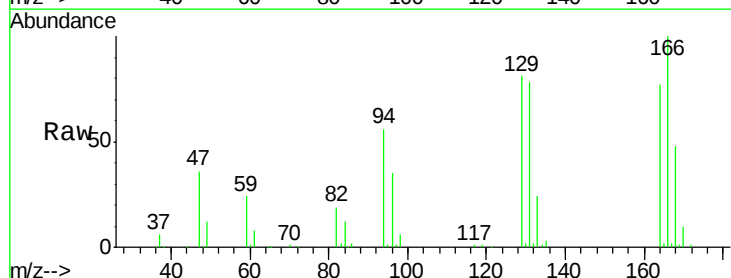
Ion Ratio Lower Upper

164 100

129 105.0 70.3 130.7

131 101.0 70.8 131.4

166 129.0 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

