

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040895.D
 Acq On : 22 Oct 2020 00:05
 Operator : SY/MD
 Sample : L4447-01DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ55DL

Quant Time: Oct 22 03:02:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	213438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	222587	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	92082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68205	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.92	69	65246	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	107196	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.65	46	338363	65.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.26%#
24) Chloroform-d	5.08	84	158337	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.72	65	99665	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.75	84	275901	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	98577	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	214330	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	38329	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	244074	61.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	95169	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	88846	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

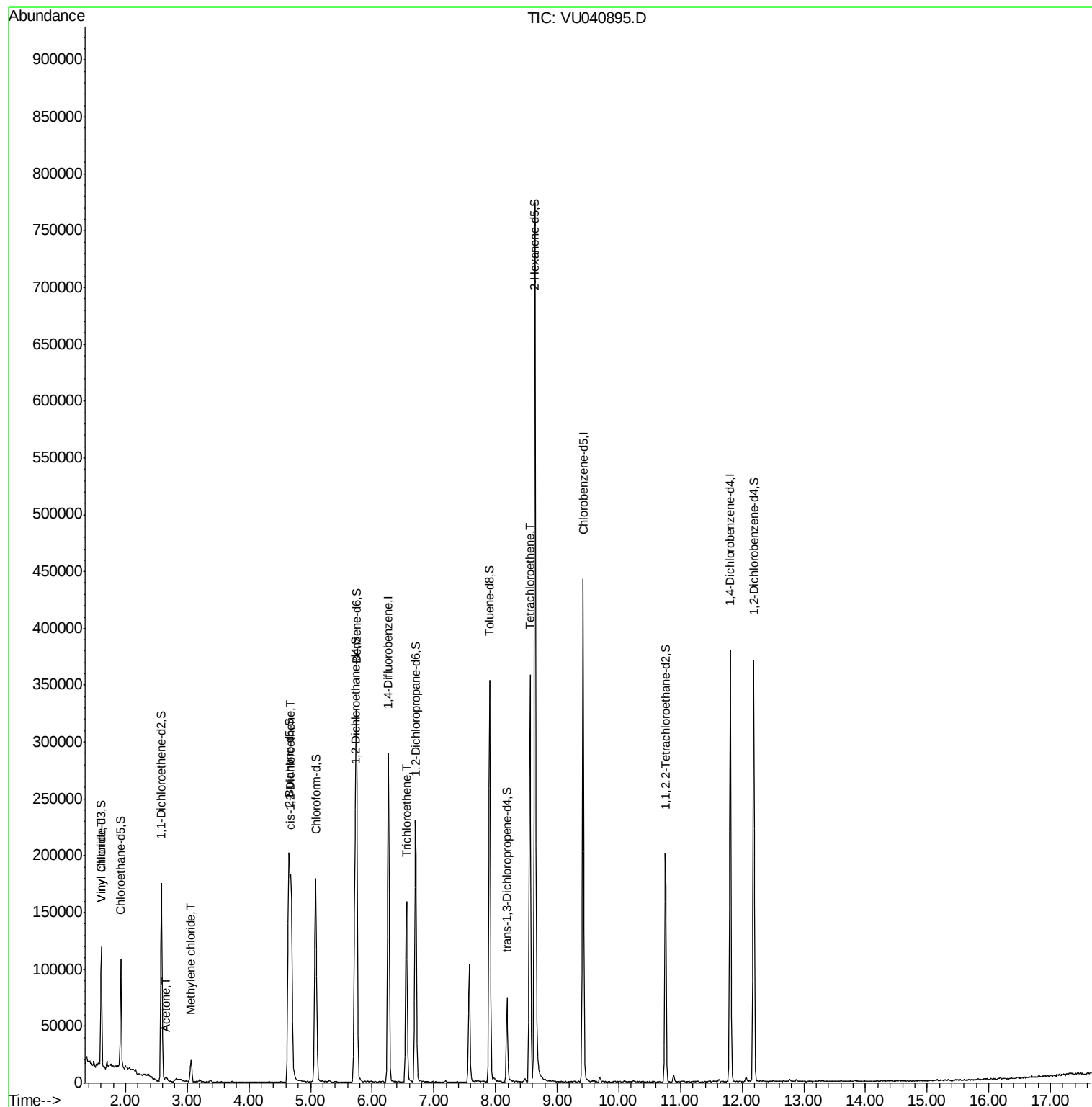
					Ovalue
5) Vinyl chloride	1.61	62	1938	0.089 ug/L	# 1
13) Acetone	2.66	43	5795	1.587 ug/L	74
16) Methylene chloride	3.06	84	8270	0.430 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	64832	3.642 ug/L	95
34) Trichloroethene	6.56	95	51594	2.833 ug/L	94
47) Tetrachloroethene	8.56	164	73861	5.450 ug/L	96

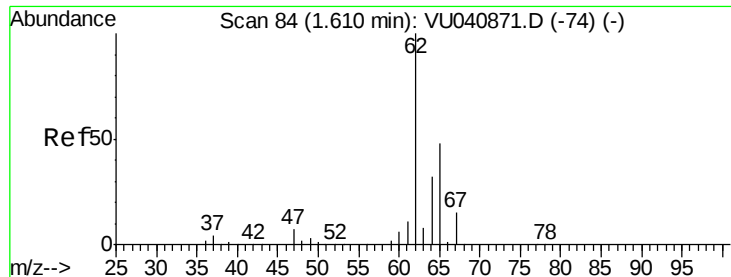
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 00:42:50 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.089 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040895.D

Acq: 22 Oct 2020 00:05

Instrument :

MSVOA_U

ClientSampled :

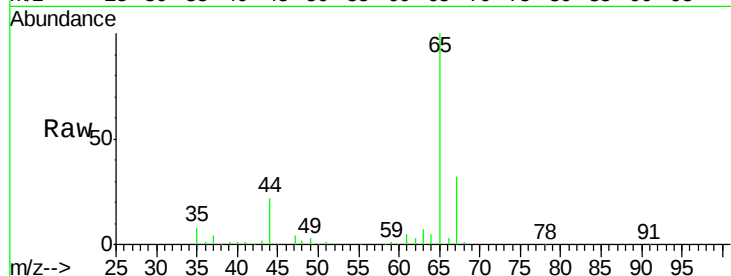
ETZ55DL

Tot Ion: 62 Resp: 1938

Ion Ratio Lower Upper

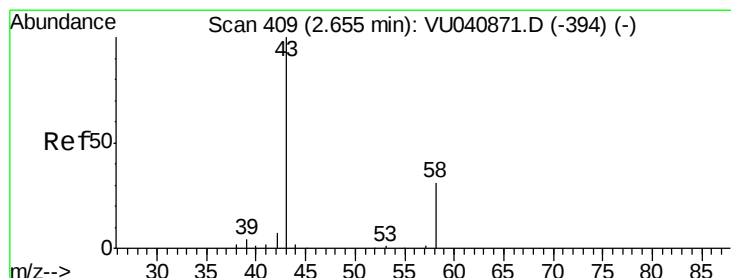
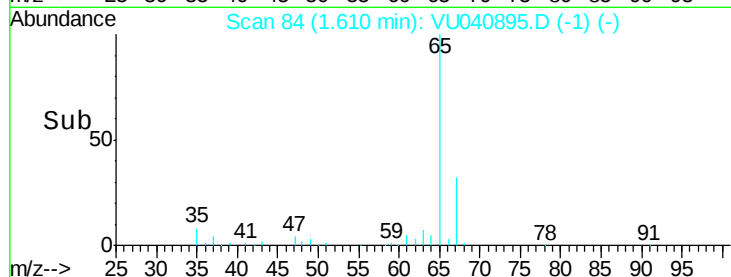
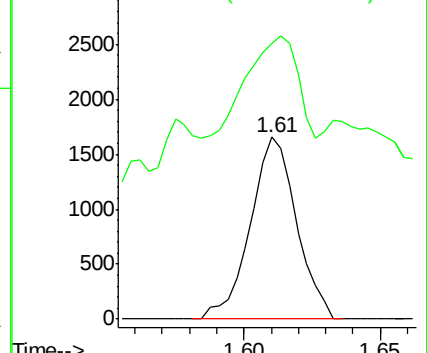
62 100

64 152.1 21.8 40.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 1.587 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU040895.D

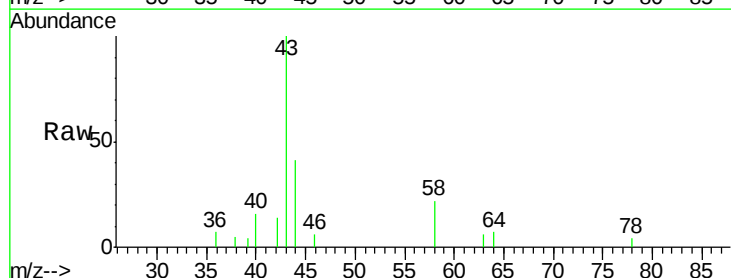
Acq: 22 Oct 2020 00:05

Tgt Ion: 43 Resp: 5795

Ion Ratio Lower Upper

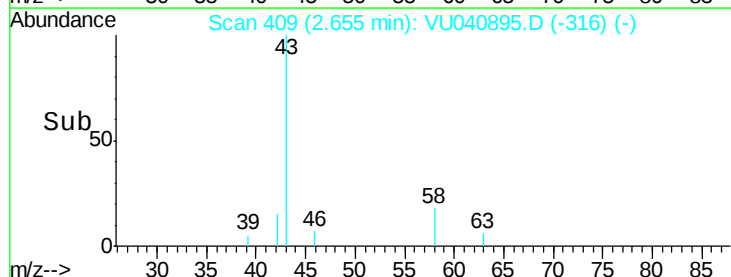
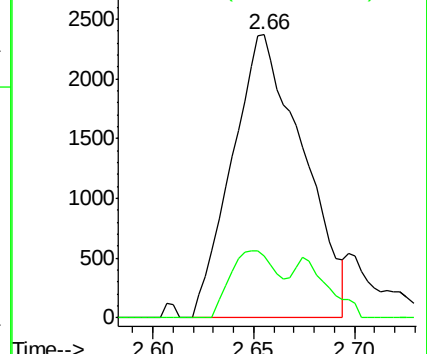
43 100

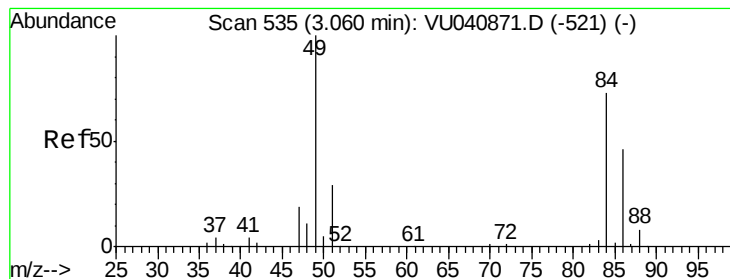
58 15.5 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#16

Methylene chloride

Concen: 0.430 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040895.D

Acq: 22 Oct 2020 00:05

Instrument :

MSVOA_U

ClientSampleId :

ETZ55DL

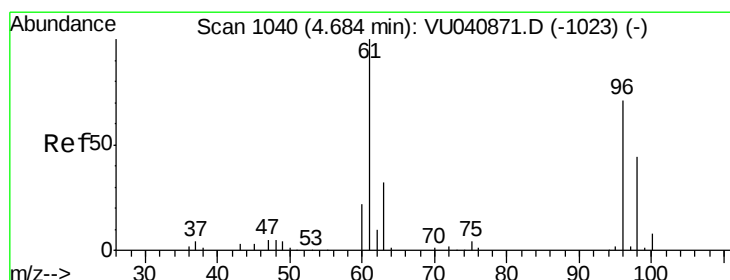
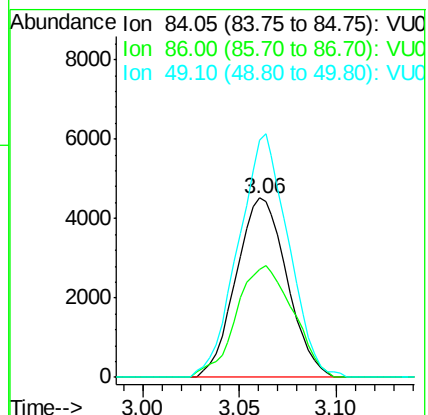
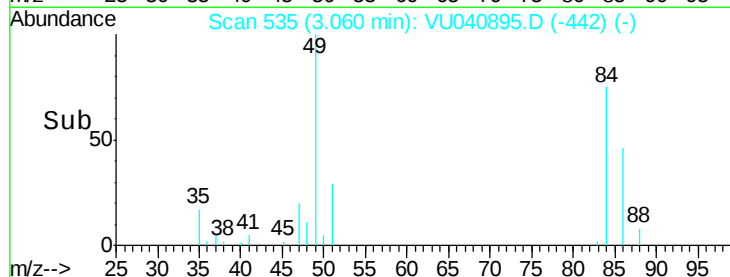
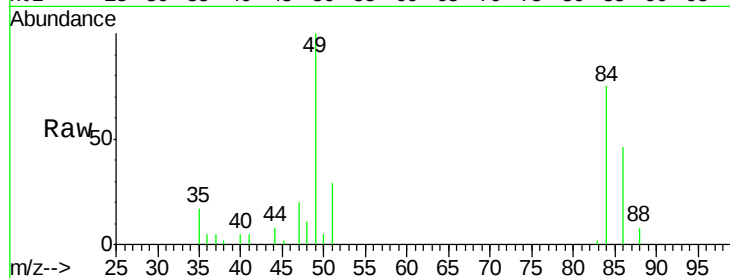
Tot Ion: 84 Resp: 8270

Ion Ratio Lower Upper

84 100

86 60.6 44.9 83.5

49 132.5 94.7 175.9



#22

cis-1,2-Dichloroethene

Concen: 3.642 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040895.D

Acq: 22 Oct 2020 00:05

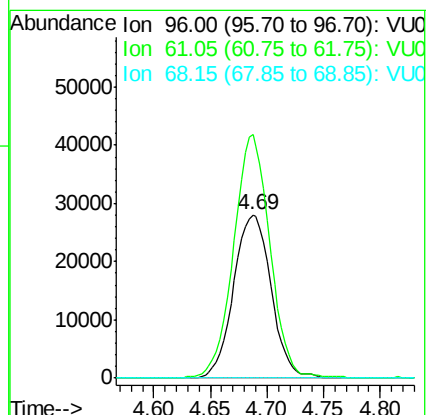
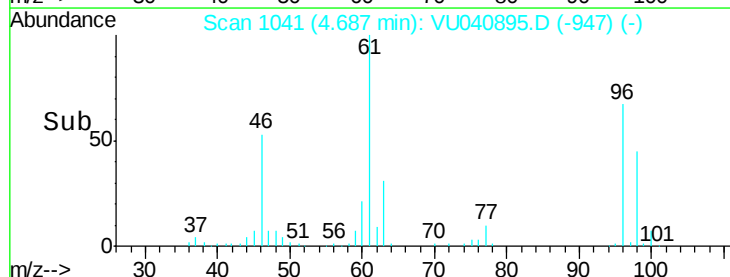
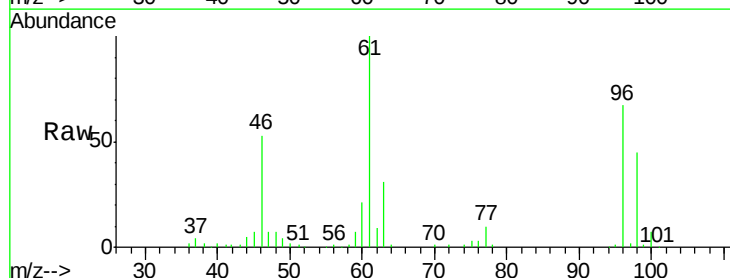
Tgt Ion: 96 Resp: 64832

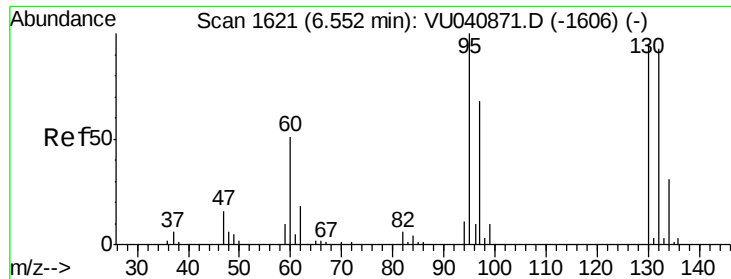
Ion Ratio Lower Upper

96 100

61 148.9 100.0 185.6

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2.833 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU040895.D

Acq: 22 Oct 2020 00:05

Instrument :

MSVOA_U

ClientSampleId :

ETZ55DL

Tot Ion: 95 Resp: 51594

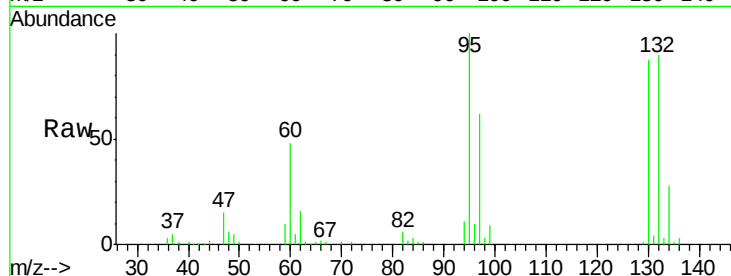
Ion Ratio Lower Upper

95 100

97 62.3 46.0 85.4

132 90.1 63.6 118.2

130 87.3 68.6 127.4

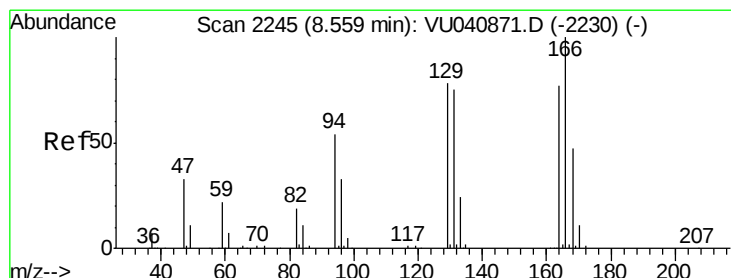
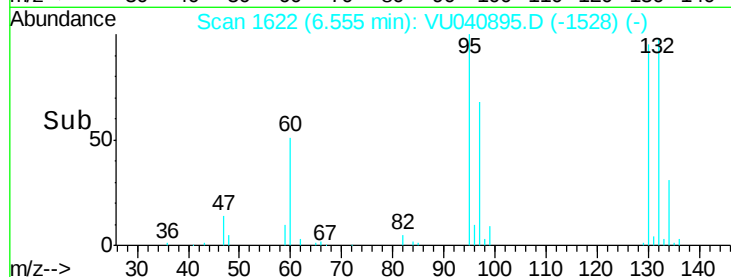
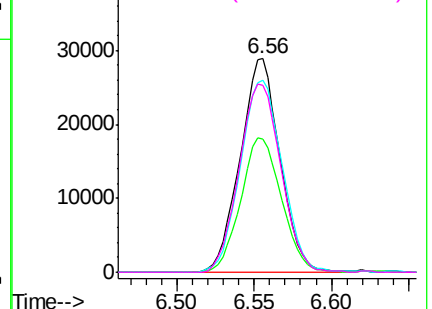


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.450 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040895.D

Acq: 22 Oct 2020 00:05

Tgt Ion: 164 Resp: 73861

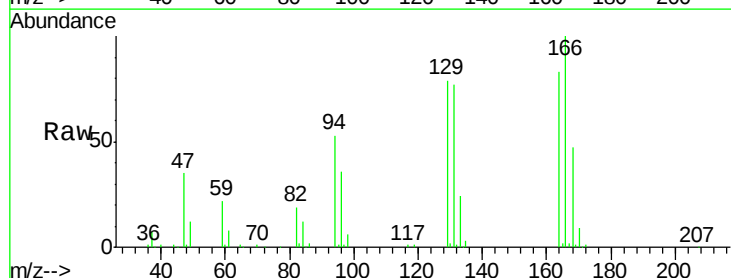
Ion Ratio Lower Upper

164 100

129 95.9 69.7 129.4

131 92.9 65.4 121.4

166 120.8 90.0 167.2



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

