

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041302.D
 Acq On : 18 Nov 2020 01:49
 Operator : SY/MD
 Sample : L4759-11DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4428DL

Quant Time: Nov 18 06:23:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 18 00:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63403	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25659	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23422	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.92	69	21577	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.58	63	37759	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.67	46	94178	48.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	5.08	84	51047	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.72	65	33035	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.74	84	89858	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	30278	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.91	98	71807	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.19	79	12533	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	69017	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25748	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	27149	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

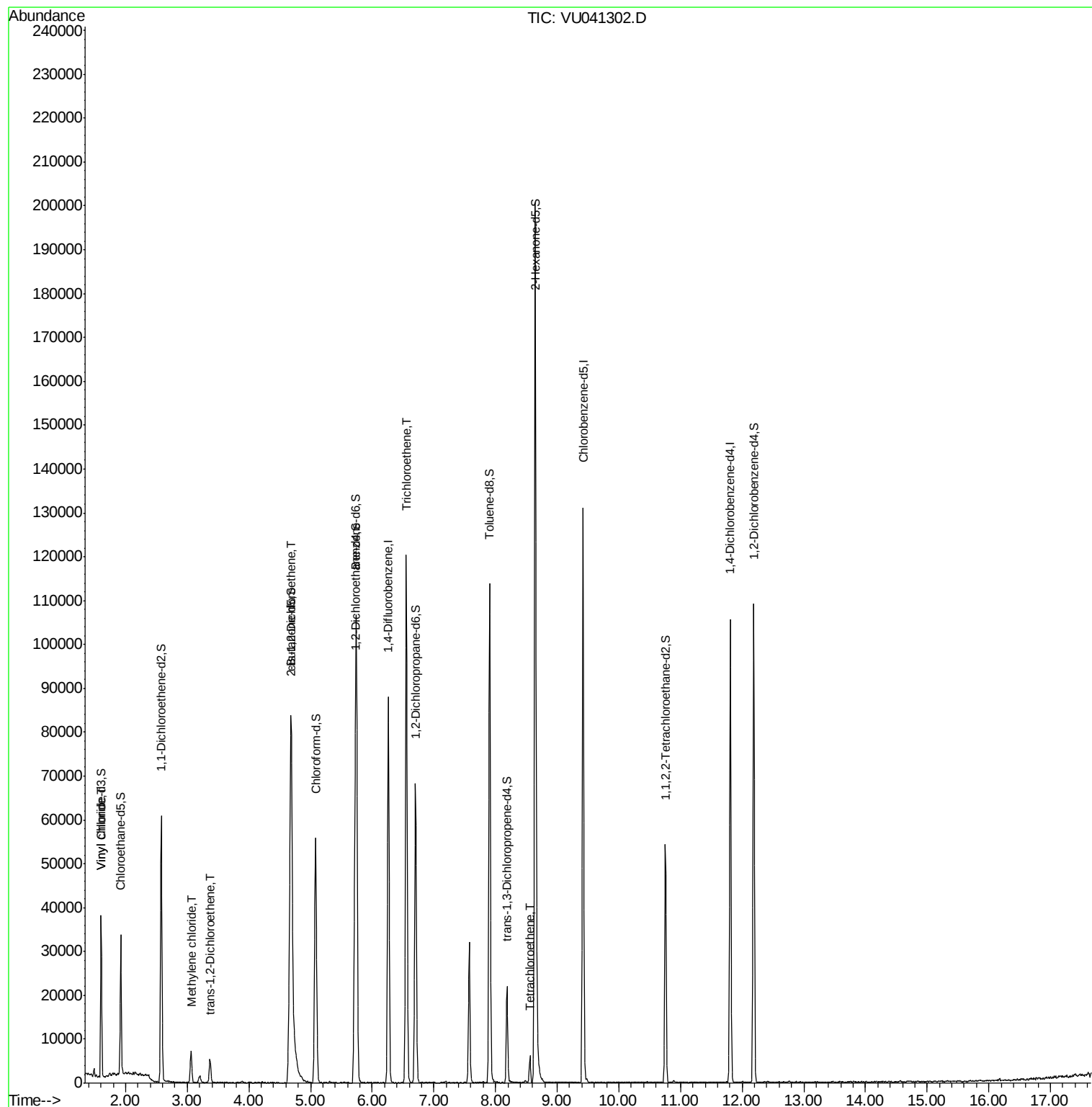
					Ovalue
5) Vinyl chloride	1.61	62	1578	0.287 ug/L	# 75
16) Methylene chloride	3.06	84	3298	0.637 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2327	0.579 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	27210	5.994 ug/L	100
34) Trichloroethene	6.55	95	39770	7.954 ug/L	98
47) Tetrachloroethene	8.56	164	1311	0.355 ug/L	84

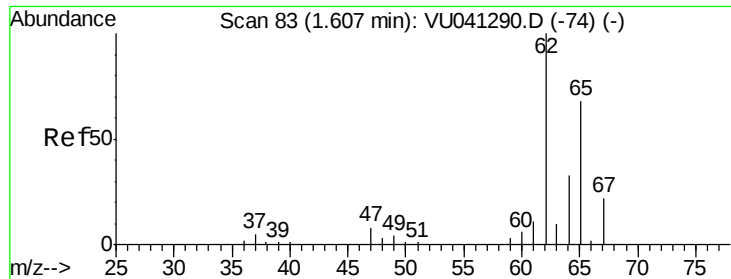
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.287 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 18 Nov 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

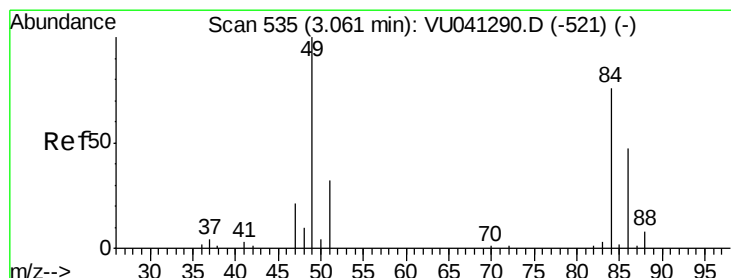
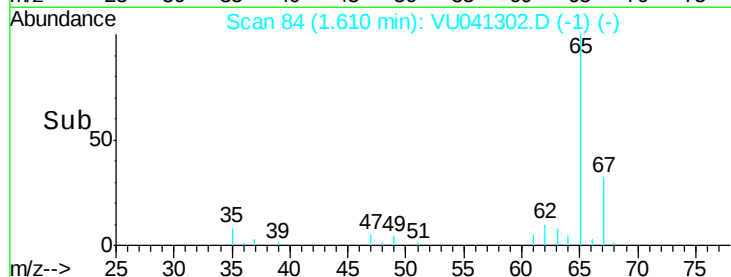
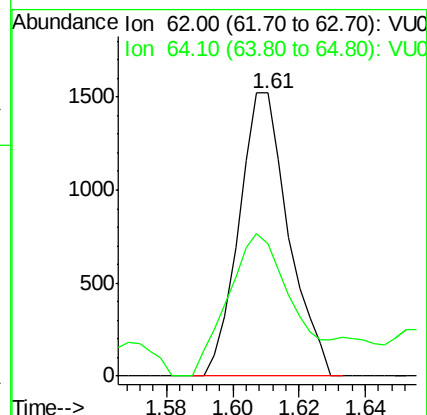
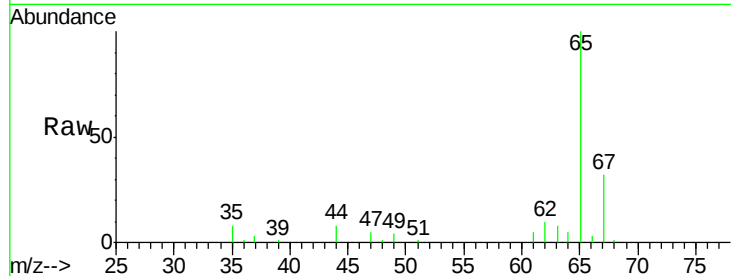
H4428DL

Tot Ion: 62 Resp: 1578

Ion Ratio Lower Upper

62 100

64 46.5 22.7 42.3#



#16

Methylene chloride

Concen: 0.637 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041302.D

Acq: 18 Nov 2020 01:49

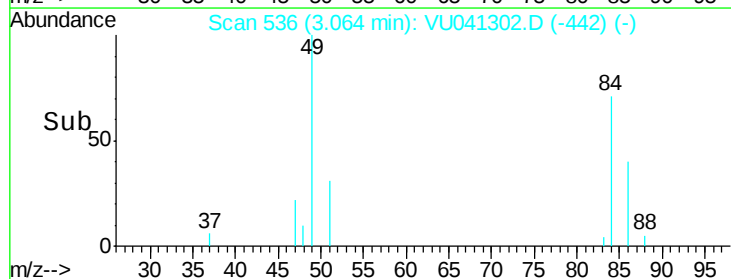
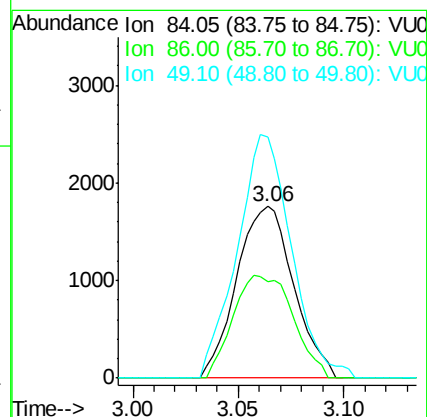
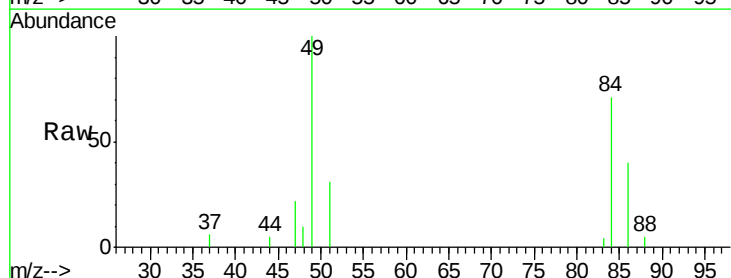
Tgt Ion: 84 Resp: 3298

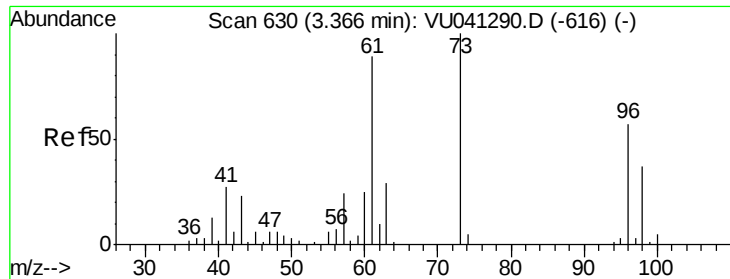
Ion Ratio Lower Upper

84 100

86 56.0 42.8 79.6

49 140.5 99.5 184.7

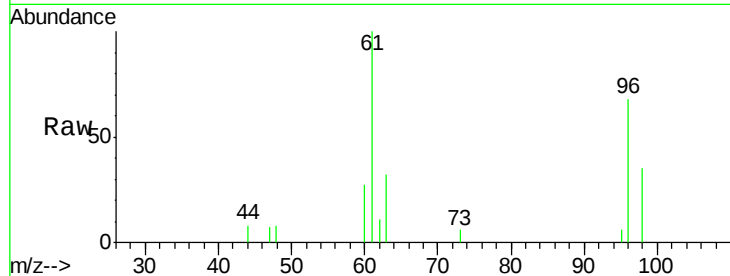




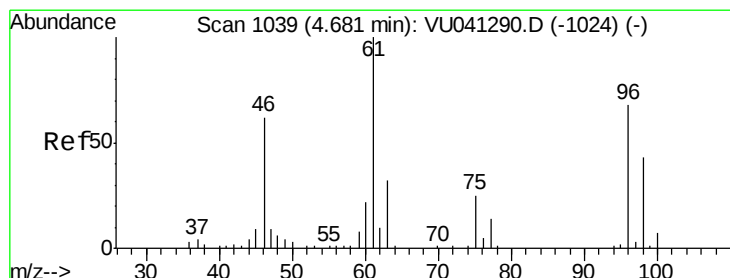
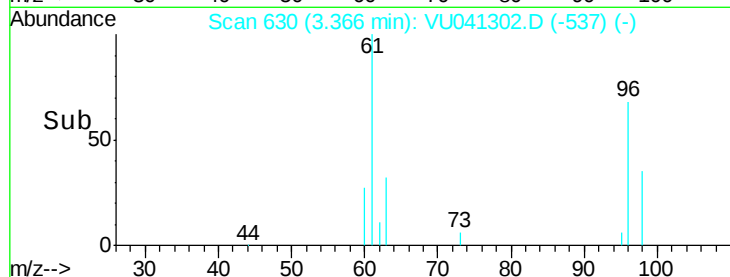
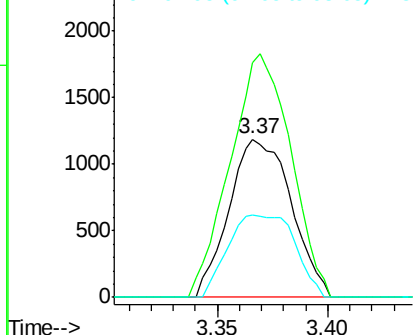
#18
trans-1,2-Dichloroethene
Concen: 0.579 ug/L
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU041302.D
Acq: 18 Nov 2020 01:49

Instrument :
MSVOA_U
ClientSampleId :
H4428DL

Tot Ion: 96 Resp: 2327
Ion Ratio Lower Upper
96 100
61 148.1 110.9 205.9
98 52.4 45.4 84.2

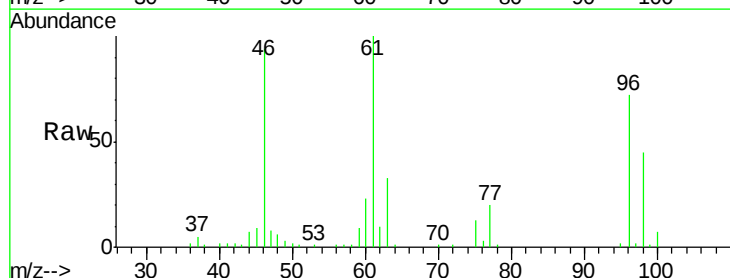


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

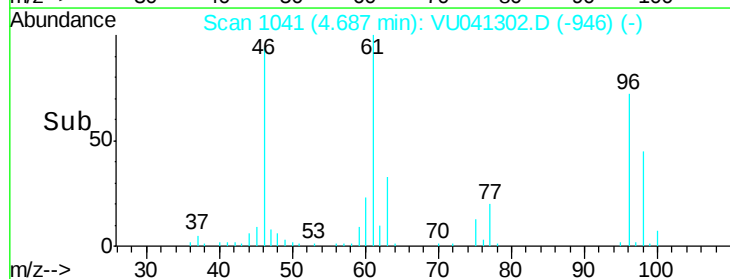
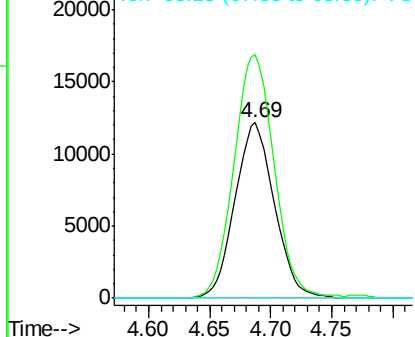


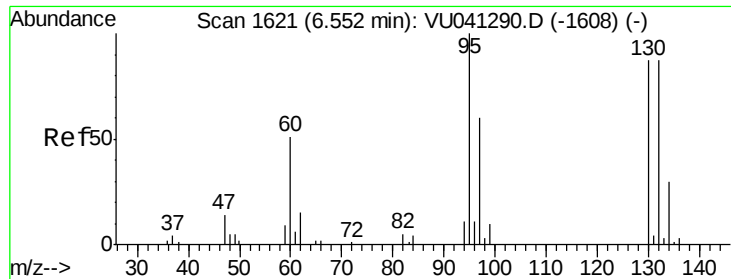
#22
cis-1,2-Dichloroethene
Concen: 5.994 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU041302.D
Acq: 18 Nov 2020 01:49

Tgt Ion: 96 Resp: 27210
Ion Ratio Lower Upper
96 100
61 138.9 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





#34

Trichloroethene

Concen: 7.954 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041302.D

Acq: 18 Nov 2020 01:49

Instrument :

MSVOA_U

ClientSampleId :

H4428DL

Tot Ion: 95 Resp: 39770

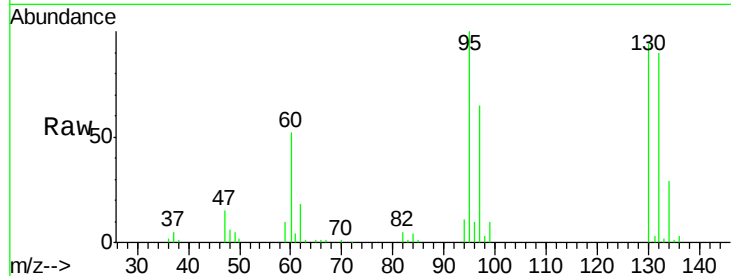
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.6

132 90.1 64.8 120.4

130 94.3 64.8 120.4

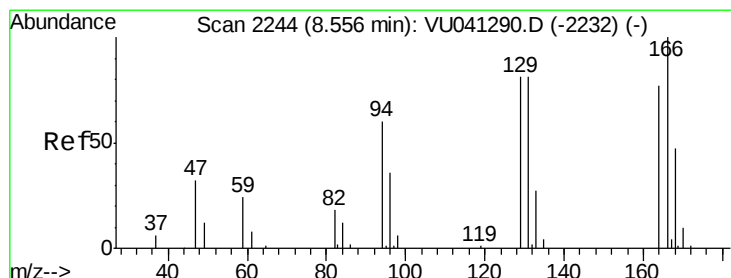
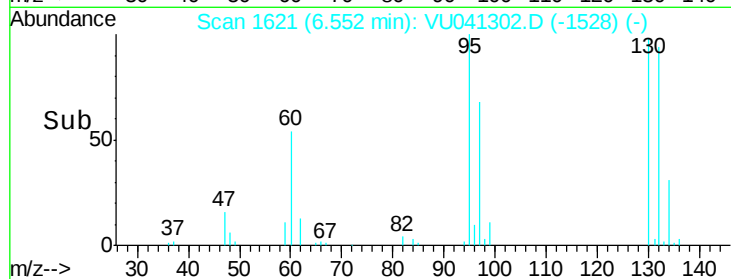
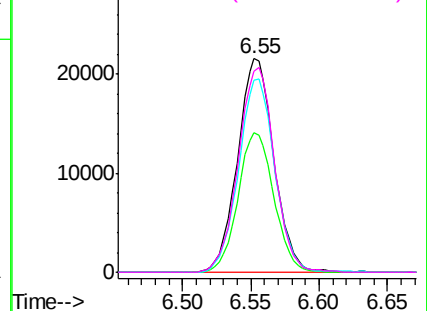


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.355 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041302.D

Acq: 18 Nov 2020 01:49

Tgt Ion: 164 Resp: 1311

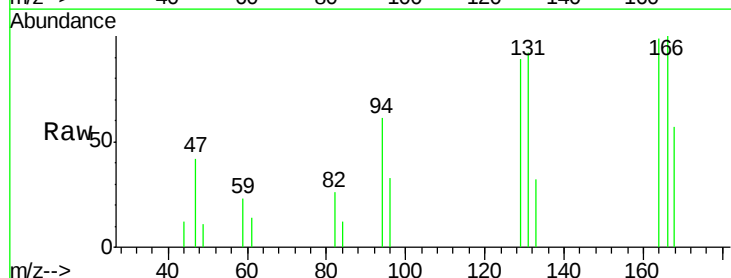
Ion Ratio Lower Upper

164 100

129 89.8 70.3 130.7

131 92.8 70.8 131.4

166 101.0 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

