

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040890.D
 Acq On : 21 Oct 2020 22:09
 Operator : SY/MD
 Sample : L4428-15DL 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ49DL

Quant Time: Oct 22 02:30:38 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	222658	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	226458	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67831	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.92	69	62998	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.58	63	111329	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.65	46	343721	63.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.84%
24) Chloroform-d	5.08	84	160071	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	100748	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.74	84	282596	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	98348	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.91	98	217332	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	8.19	79	35983	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	245014	60.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	96811	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	90095	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

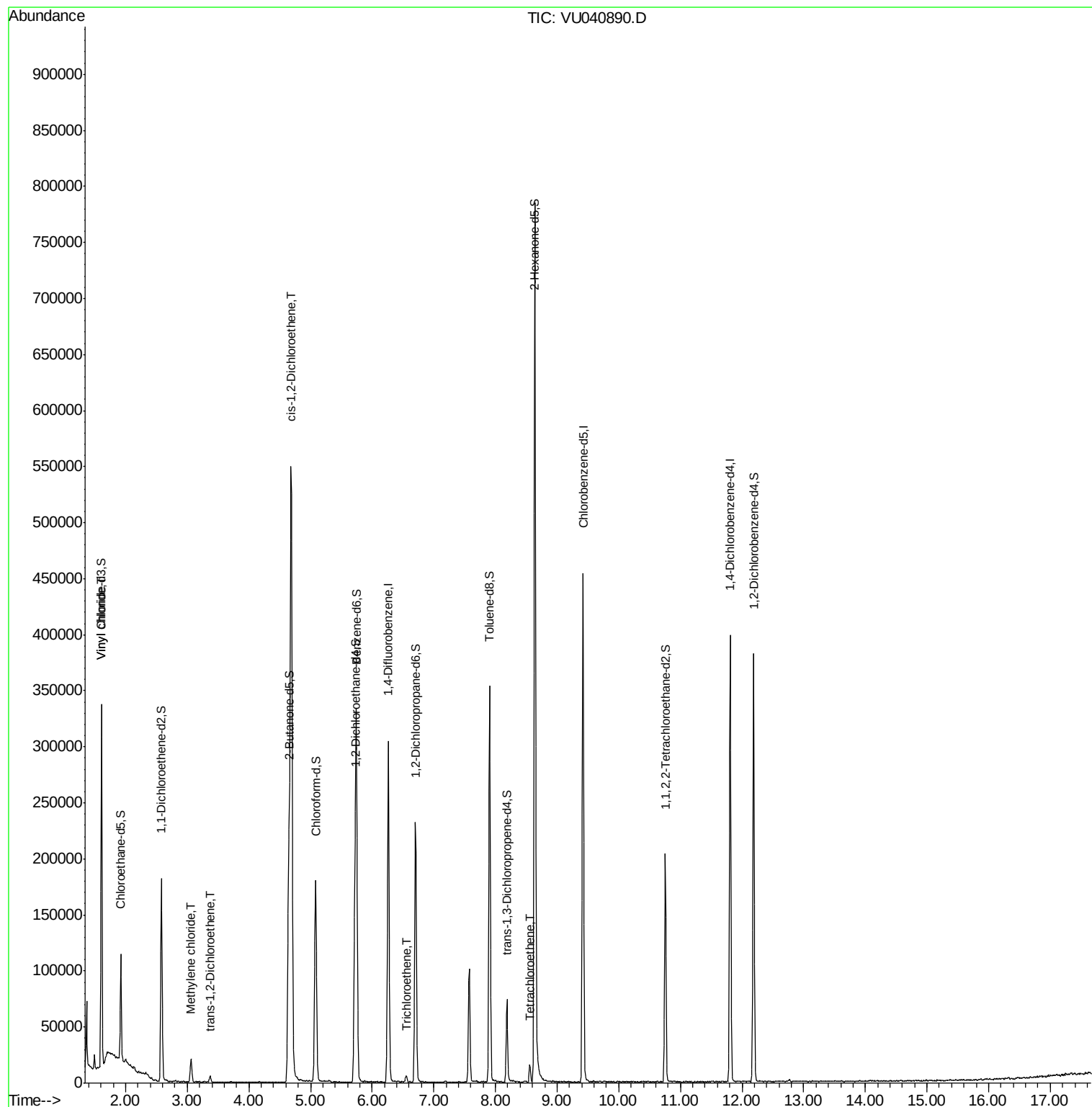
					Ovalue
5) Vinyl chloride	1.61	62	153765	6.740	ug/L 99
16) Methylene chloride	3.06	84	8532	0.425	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	2206	0.130	ug/L 91
22) cis-1,2-Dichloroethene	4.69	96	249189	13.418	ug/L 96
34) Trichloroethene	6.55	95	1692	0.091	ug/L 96
47) Tetrachloroethene	8.56	164	3047	0.221	ug/L 82

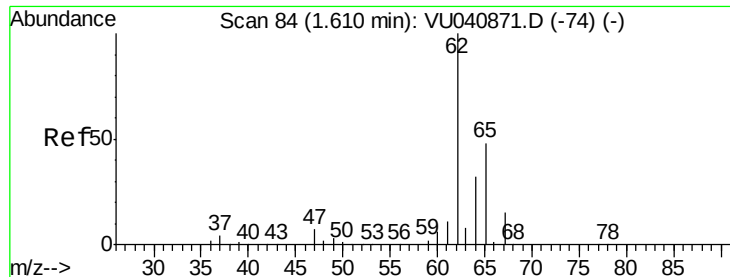
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 00:42:50 2020
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#5

Vinyl chloride

Concen: 6.740 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040890.D

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MSVOA_U

ClientSampleID :

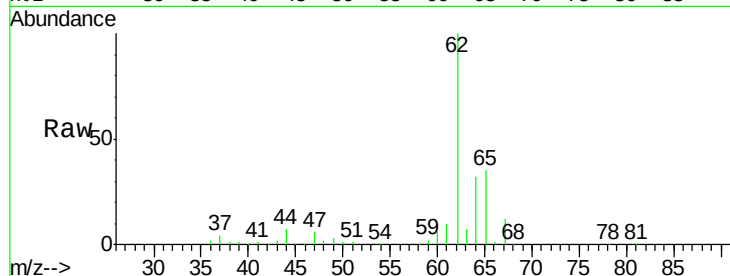
ETZ49DL

Tot Ion: 62 Resp: 153765

Ion Ratio Lower Upper

62 100

64 31.9 21.8 40.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

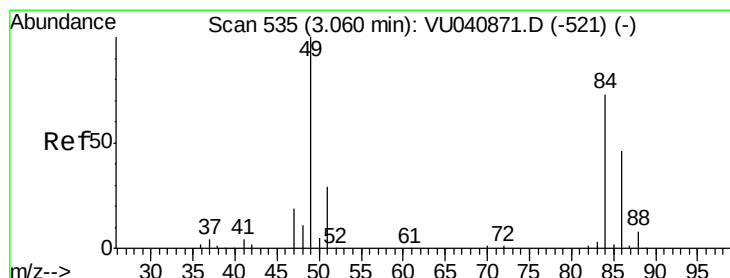
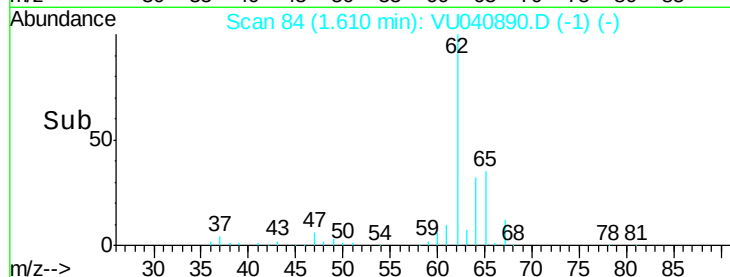
150000

100000

50000

0

Time-->



#16

Methylene chloride

Concen: 0.425 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040890.D

Acq: 21 Oct 2020 22:09

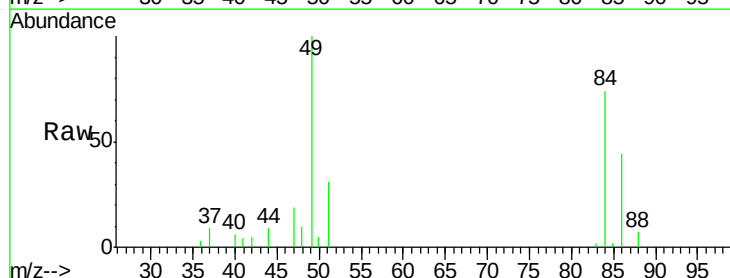
Tgt Ion: 84 Resp: 8532

Ion Ratio Lower Upper

84 100

86 59.3 44.9 83.5

49 134.9 94.7 175.9



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

8000

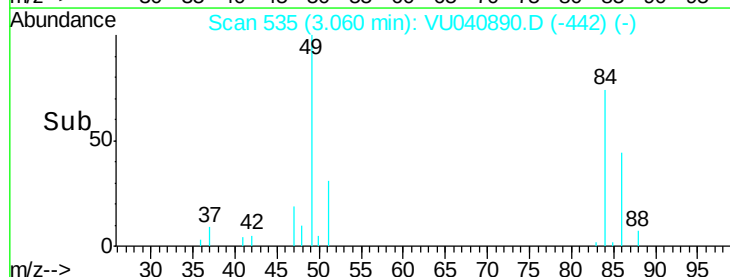
6000

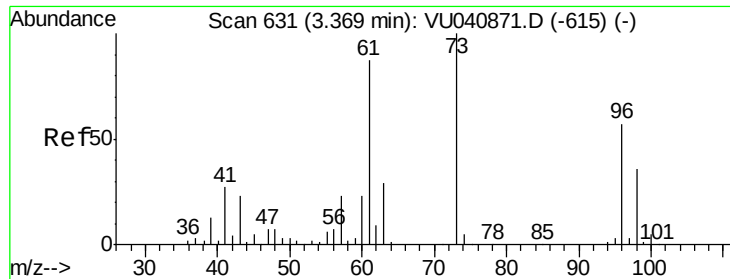
4000

2000

0

Time-->

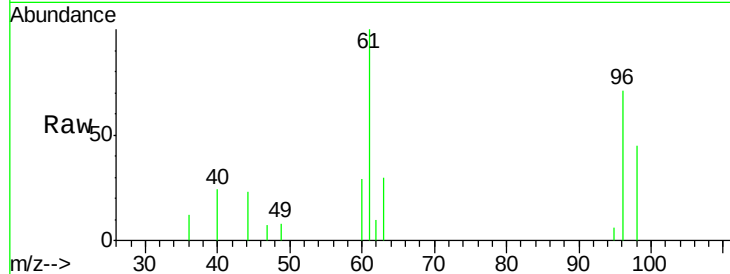




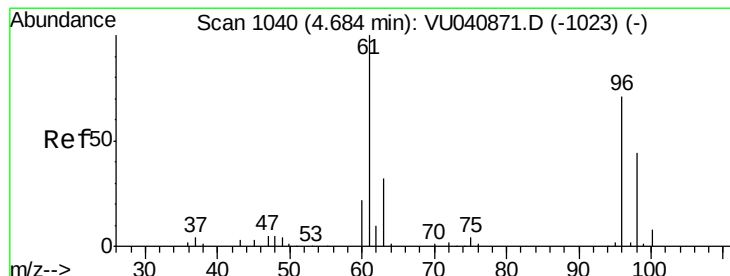
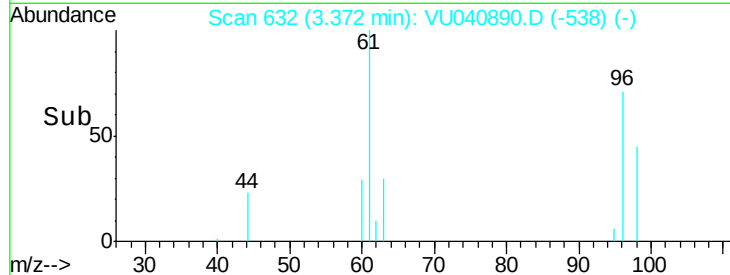
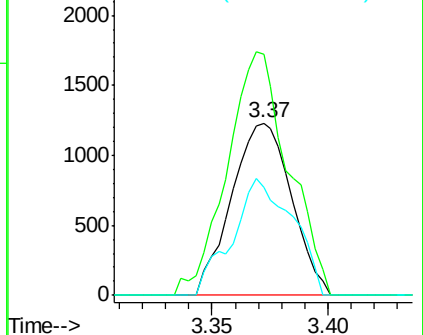
#18
trans-1,2-Dichloroethene
Concen: 0.130 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU040890.D
Acq: 21 Oct 2020 22:09

Instrument :
MSVOA_U
ClientSampleId :
ETZ49DL

Tot Ion: 96 Resp: 2206
Ion Ratio Lower Upper
96 100
61 140.0 107.9 200.3
98 62.9 47.5 88.1

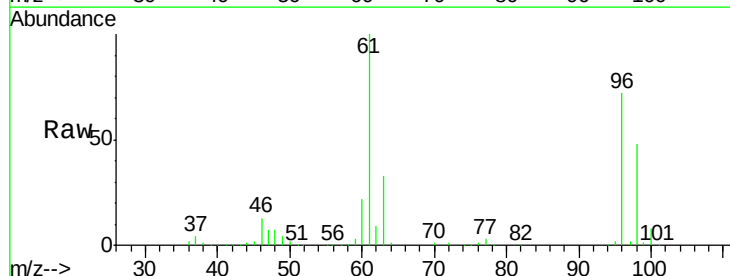


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

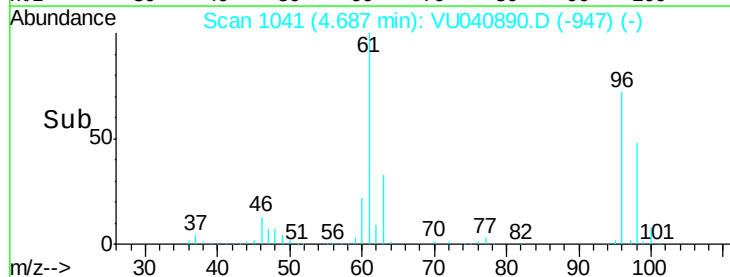
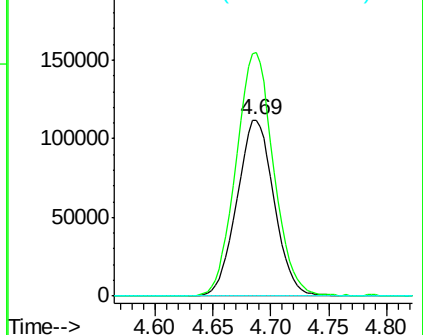


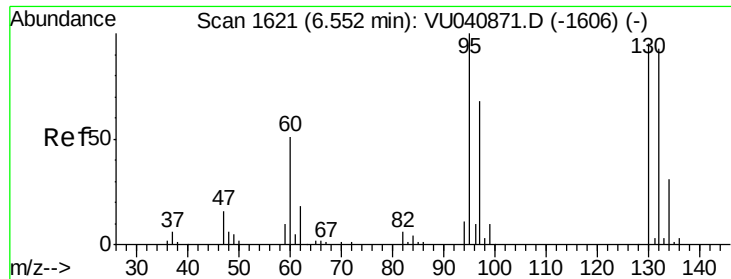
#22
cis-1,2-Dichloroethene
Concen: 13.418 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040890.D
Acq: 21 Oct 2020 22:09

Tgt Ion: 96 Resp: 249189
Ion Ratio Lower Upper
96 100
61 138.4 100.0 185.6
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

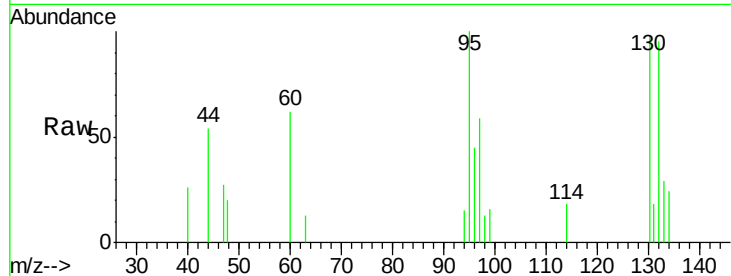




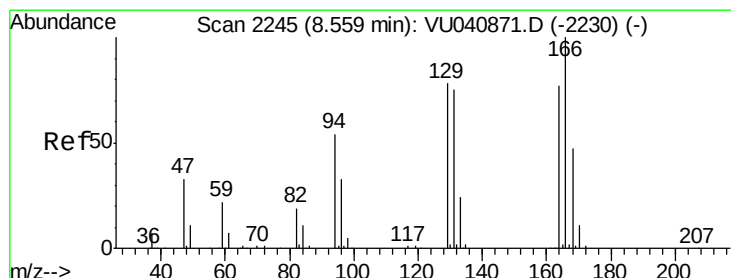
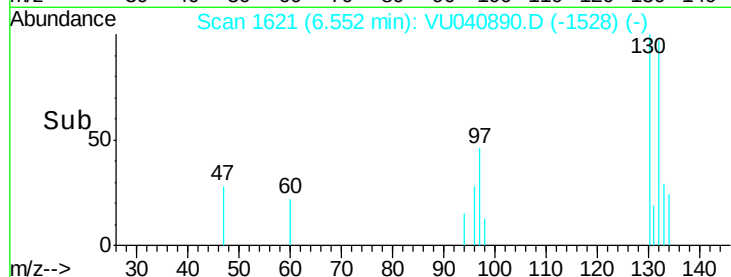
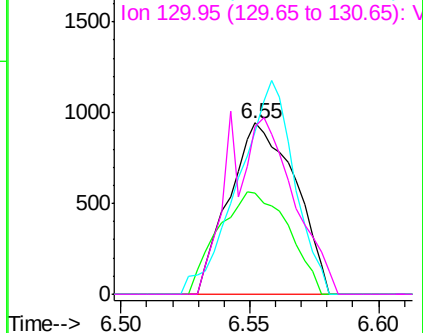
#34
 Trichloroethene
 Concen: 0.091 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040890.D
 Acq: 21 Oct 2020 22:09

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ49DL

Tot Ion: 95 Resp: 1692
 Ion Ratio Lower Upper
 95 100
 97 58.7 46.0 85.4
 132 95.0 63.6 118.2
 130 98.2 68.6 127.4

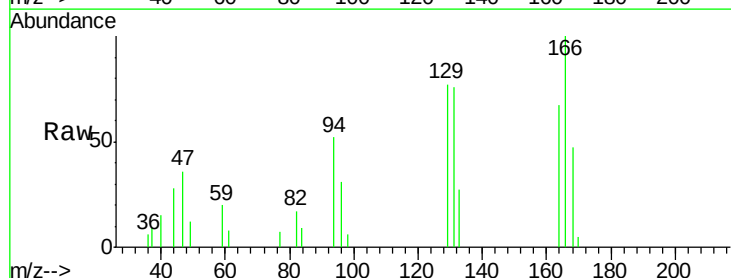


Abundance Ion 95.00 (94.70 to 95.70): VU040890.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040890.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040890.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040890.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 0.221 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU040890.D
 Acq: 21 Oct 2020 22:09

Tgt Ion: 164 Resp: 3047
 Ion Ratio Lower Upper
 164 100
 129 115.3 69.7 129.4
 131 113.0 65.4 121.4
 166 149.3 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): VU040890.D (-2152) (-)
 Ion 128.95 (128.65 to 129.65): VU040890.D (-2152) (-)
 Ion 130.95 (130.65 to 131.65): VU040890.D (-2152) (-)
 Ion 165.90 (165.60 to 166.60): VU040890.D (-2152) (-)

