

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041301.D
 Acq On : 18 Nov 2020 01:25
 Operator : SY/MD
 Sample : L4759-10DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4427DL

Quant Time: Nov 18 06:20:33 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	64381	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22537	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	20603	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	36209	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.66	46	94181	48.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.46%
24) Chloroform-d	5.08	84	51046	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	31627	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.74	84	85575	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	29326	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.91	98	68619	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.19	79	11478	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	62667	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25761	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	26652	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

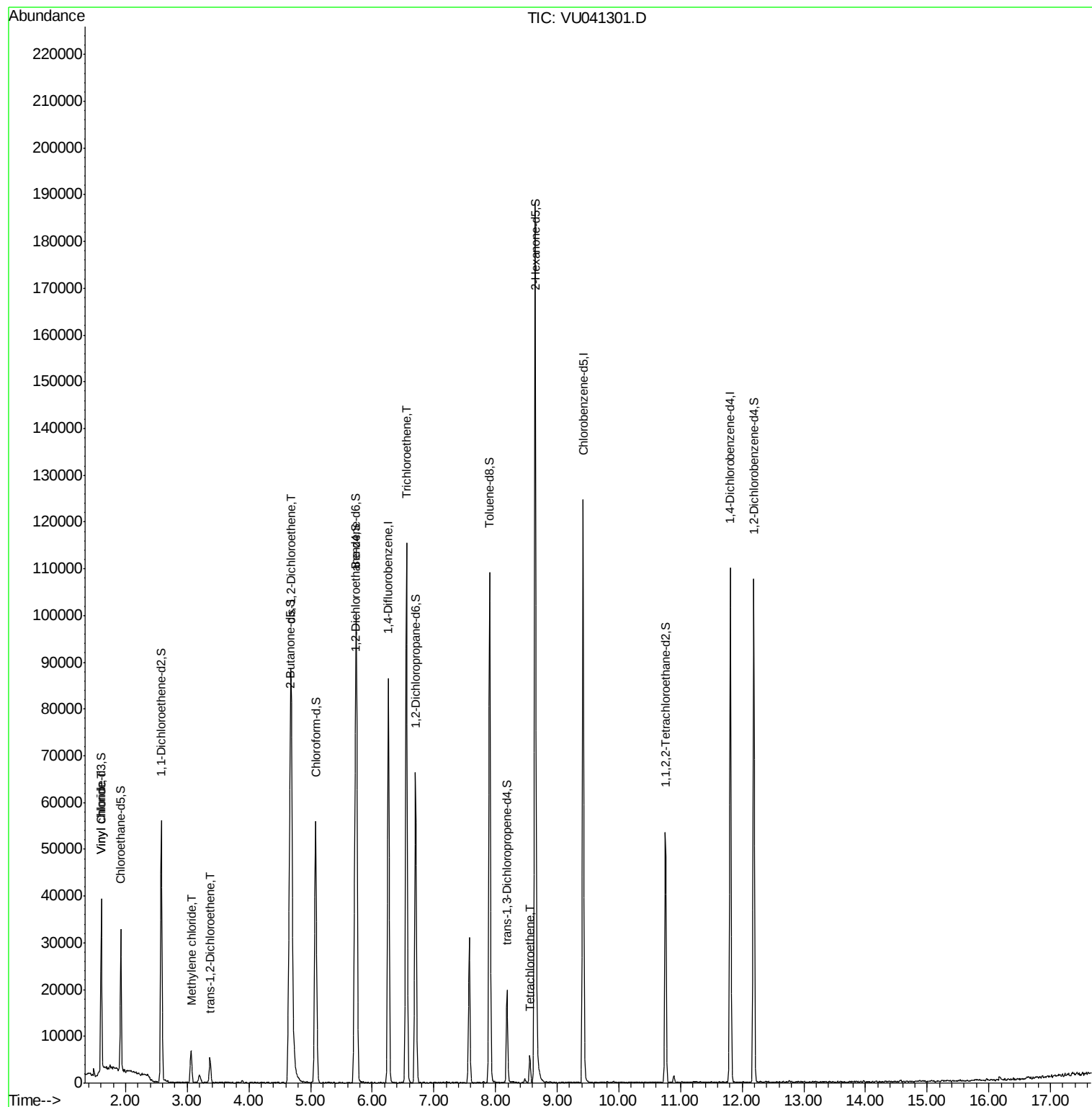
					Ovalue
5) Vinyl chloride	1.61	62	1761	0.315 ug/L	# 1
16) Methylene chloride	3.06	84	3194	0.608 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	2145	0.526 ug/L	85
22) cis-1,2-Dichloroethene	4.69	96	28797	6.247 ug/L	99
34) Trichloroethene	6.55	95	37878	8.037 ug/L	99
47) Tetrachloroethene	8.56	164	1176	0.338 ug/L	83

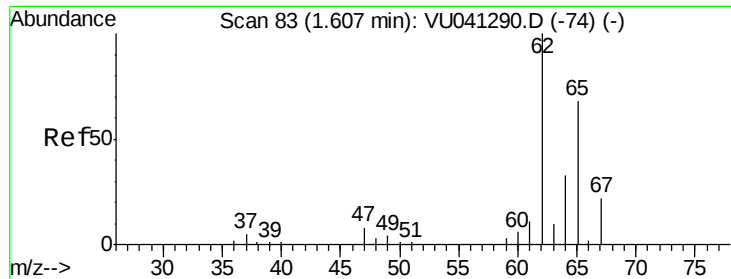
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.315 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041301.D

Acq: 18 Nov 2020 01:25

Instrument :

MSVOA_U

ClientSampled :

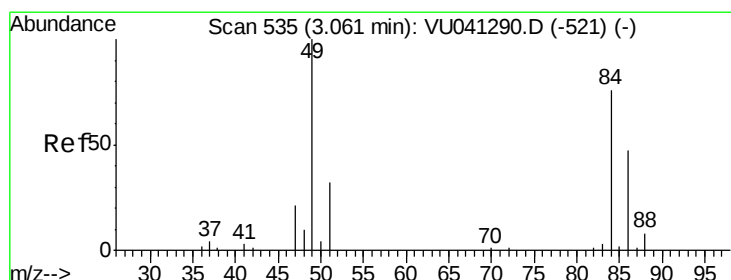
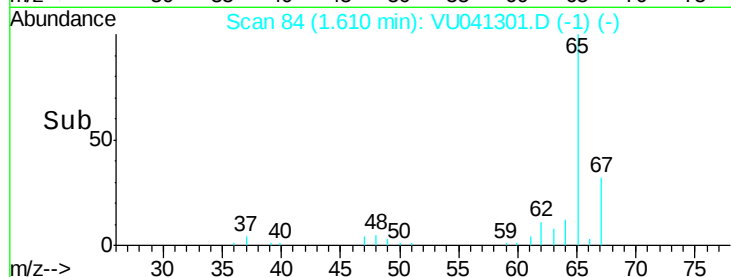
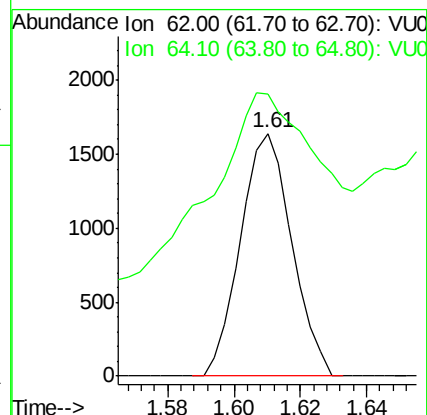
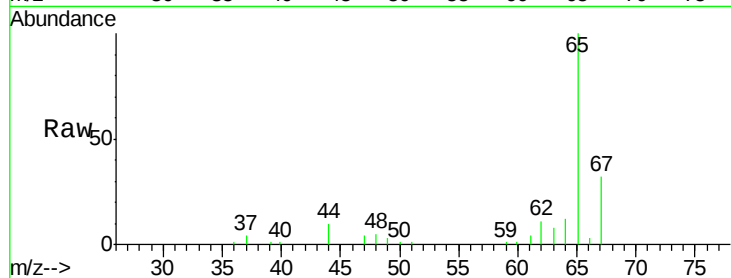
H4427DL

Tot Ion: 62 Resp: 1761

Ion Ratio Lower Upper

62 100

64 115.9 22.7 42.3#



#16

Methylene chloride

Concen: 0.608 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041301.D

Acq: 18 Nov 2020 01:25

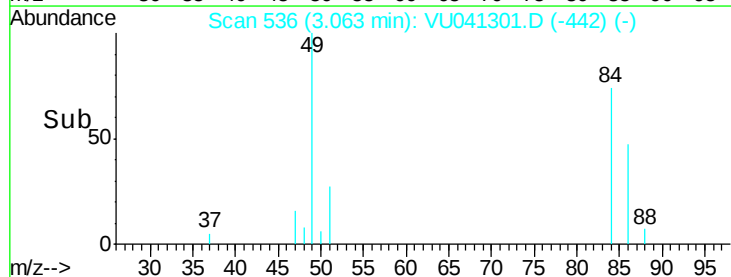
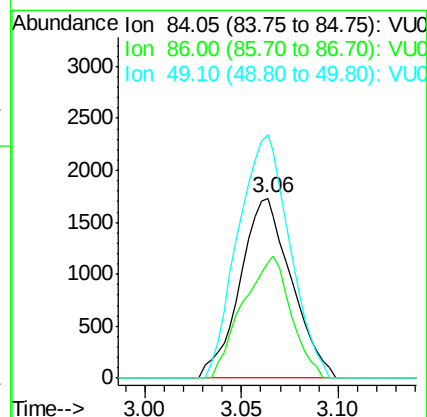
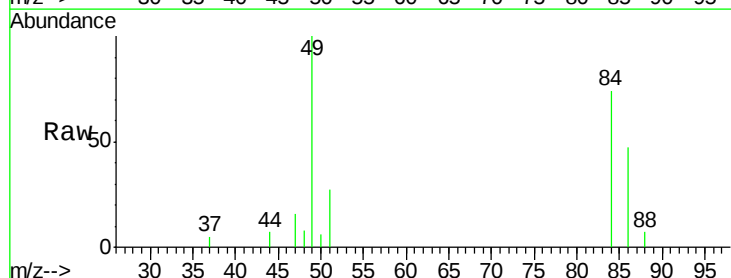
Tgt Ion: 84 Resp: 3194

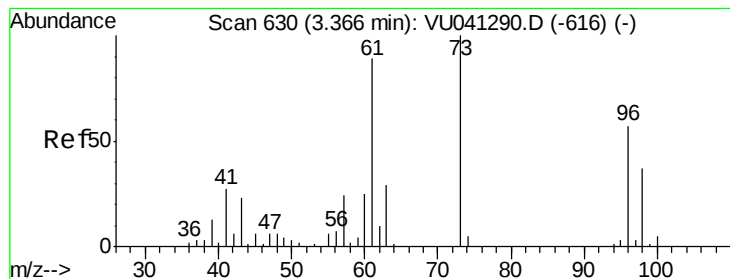
Ion Ratio Lower Upper

84 100

86 64.0 42.8 79.6

49 135.2 99.5 184.7





#18

trans-1,2-Dichloroethene

Concen: 0.526 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU041301.D

Acq: 18 Nov 2020 01:25

Instrument :

MSVOA_U

ClientSampleId :

H4427DL

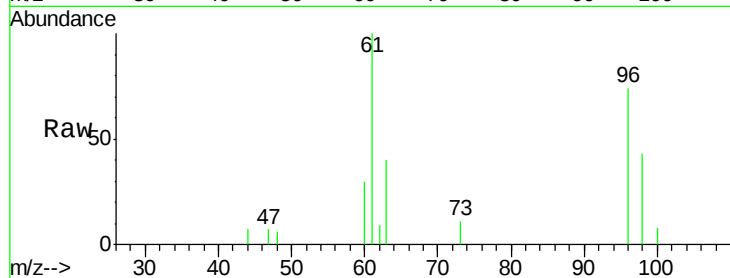
Tot Ion: 96 Resp: 2145

Ion Ratio Lower Upper

96 100

61 134.8 110.9 205.9

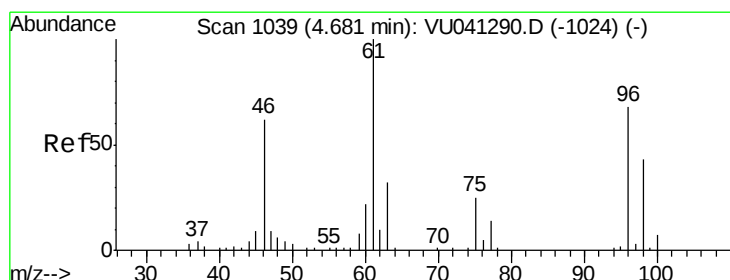
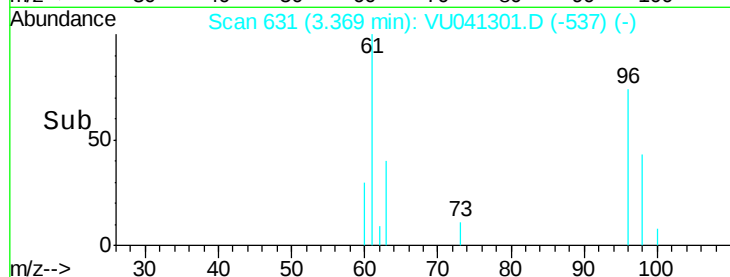
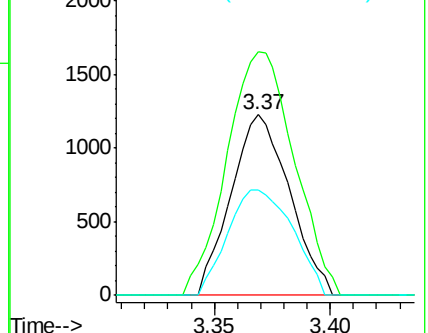
98 58.5 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU041301.D (-537) (-)

Ion 61.05 (60.75 to 61.75): VU041301.D (-537) (-)

Ion 97.95 (97.65 to 98.65): VU041301.D (-537) (-)



#22

cis-1,2-Dichloroethene

Concen: 6.247 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041301.D

Acq: 18 Nov 2020 01:25

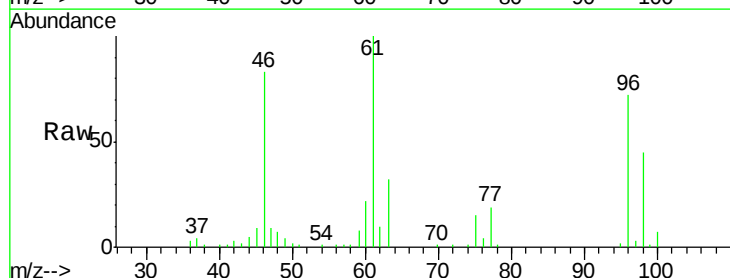
Tgt Ion: 96 Resp: 28797

Ion Ratio Lower Upper

96 100

61 139.8 97.2 180.4

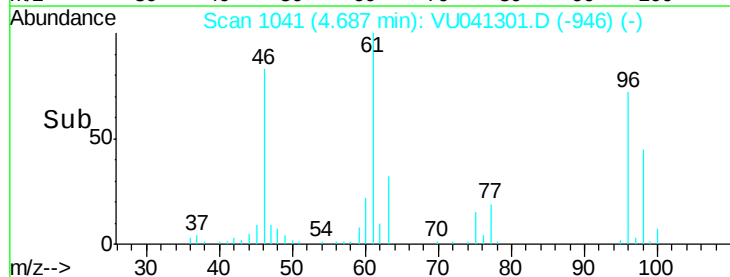
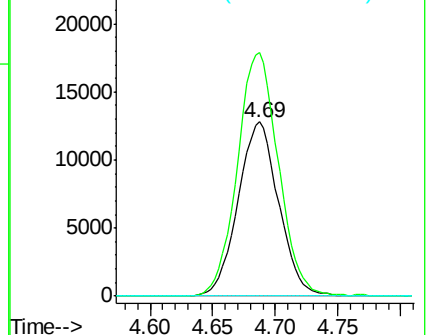
68 0.0 0.0 0.0

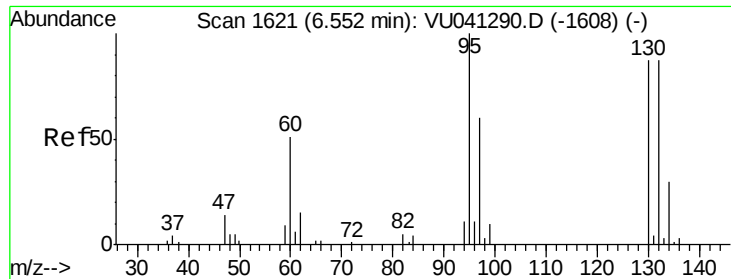


Abundance Ion 96.00 (95.70 to 96.70): VU041301.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU041301.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU041301.D (-946) (-)

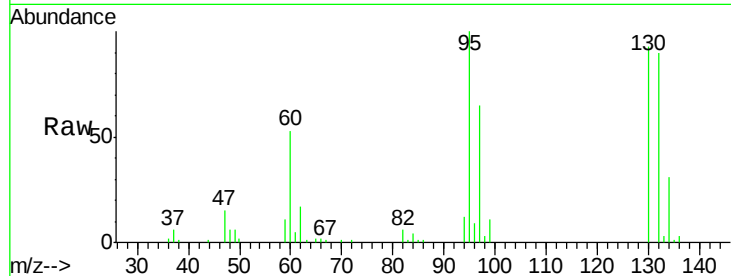




#34
 Trichloroethene
 Concen: 8.037 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041301.D
 Acq: 18 Nov 2020 01:25

Instrument :
 MSVOA_U
 ClientSampleId :
 H4427DL

Tot Ion:	95	Resp:	37878
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.6
132	90.2	64.8	120.4
130	92.6	64.8	120.4

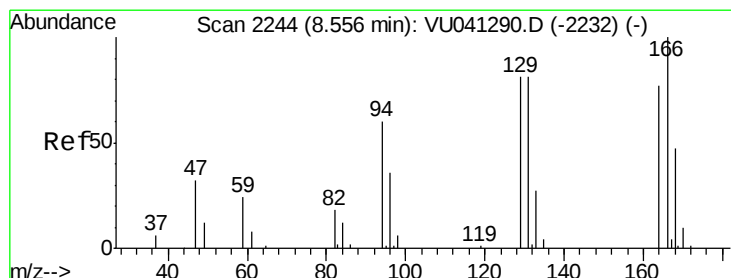
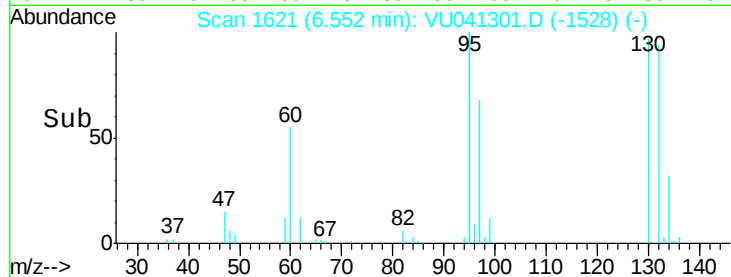
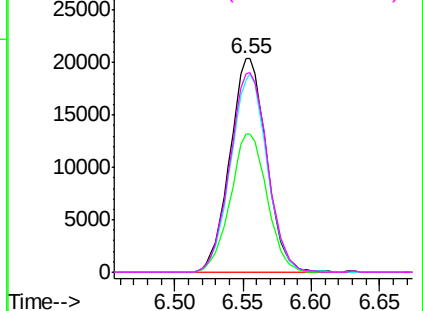


Abundance Ion 95.00 (94.70 to 95.70): VU041301.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU041301.D (-1528) (-)

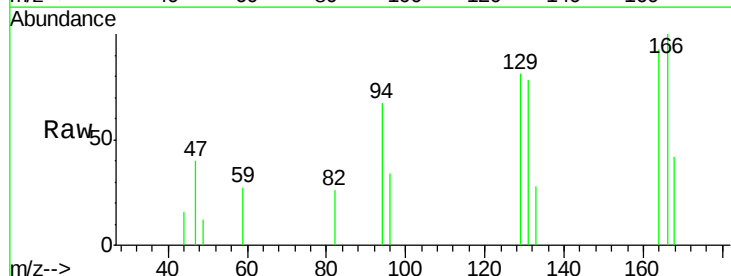
Ion 131.95 (131.65 to 132.65): VU041301.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU041301.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 0.338 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU041301.D
 Acq: 18 Nov 2020 01:25

Tgt Ion:	164	Resp:	1176
Ion	Ratio	Lower	Upper
164	100		
129	87.1	70.3	130.7
131	84.5	70.8	131.4
166	107.9	92.0	170.8



Abundance Ion 163.90 (163.60 to 164.60): VU041301.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU041301.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU041301.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU041301.D (-2151) (-)

