

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041029.D
 Acq On : 29 Oct 2020 21:22
 Operator : SY/MD
 Sample : L4558-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5

Quant Time: Oct 30 08:14:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 08:06:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50457	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	14791	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.92	69	13355	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.58	63	23455	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.66	46	79506	56.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.92%
24) Chloroform-d	5.08	84	34258	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	22107	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	57461	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.70	67	21647	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	44911	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	8.19	79	8234	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	53636	51.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20512	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	18358	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

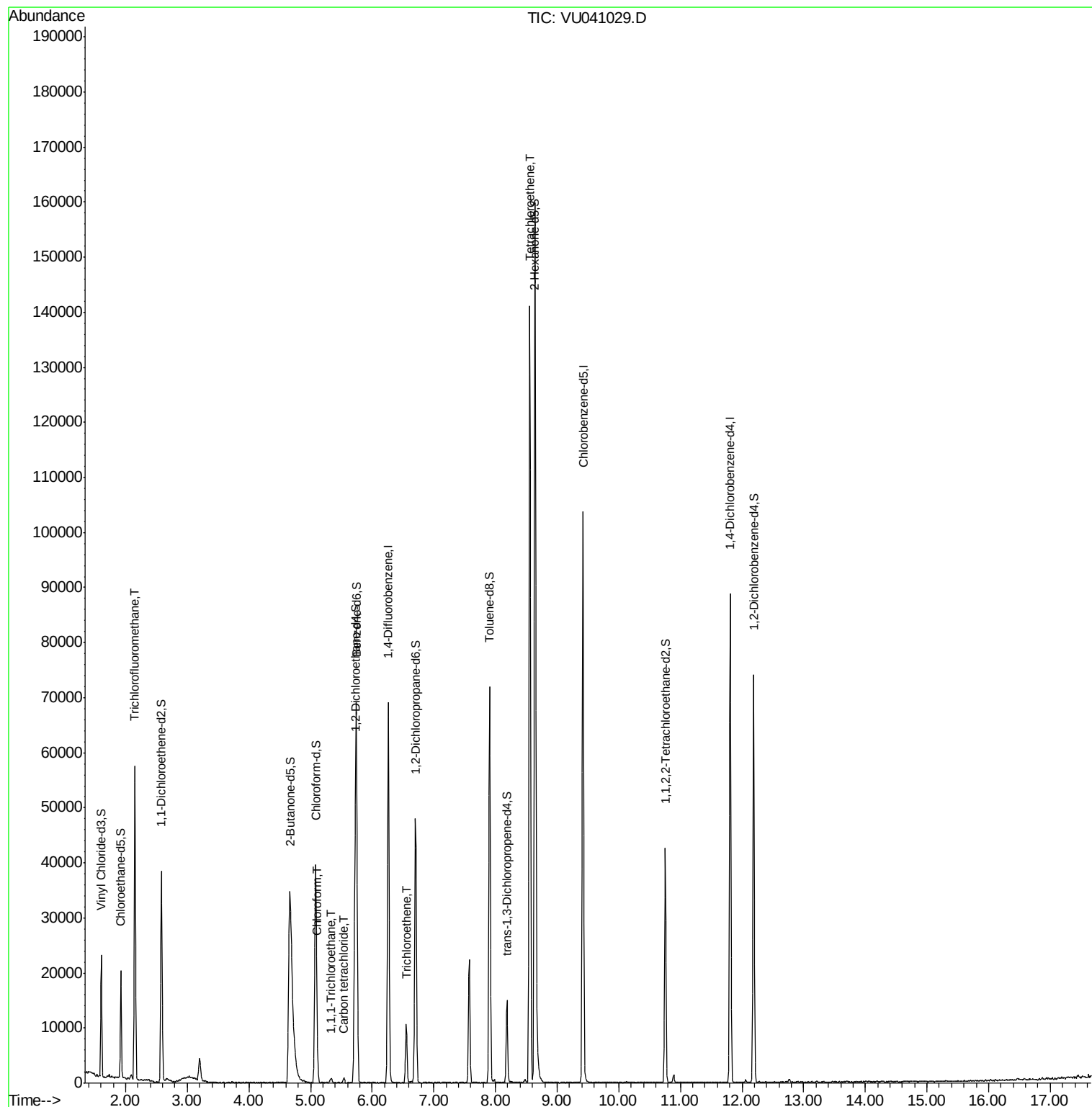
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	2.15	101	34141	5.301	ug/L	96
25) Chloroform	5.11	83	2808	0.387	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	766	0.121	ug/L #	93
31) Carbon tetrachloride	5.54	117	727	0.130	ug/L	94
34) Trichloroethene	6.55	95	3609	0.919	ug/L	93
47) Tetrachloroethene	8.56	164	28311	9.799	ug/L	95

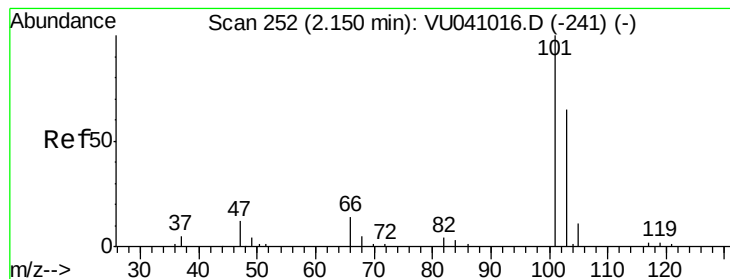
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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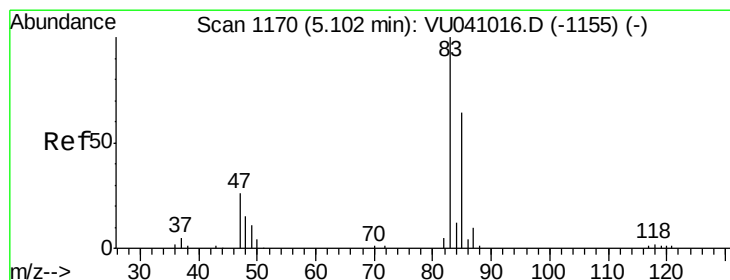
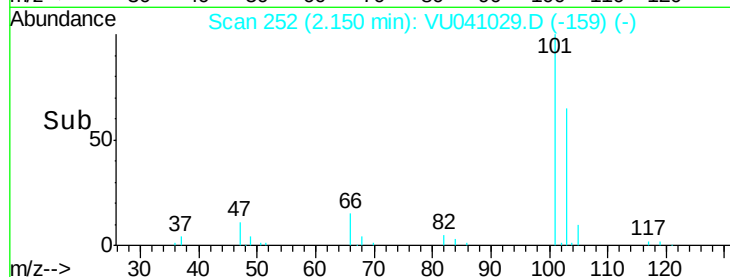
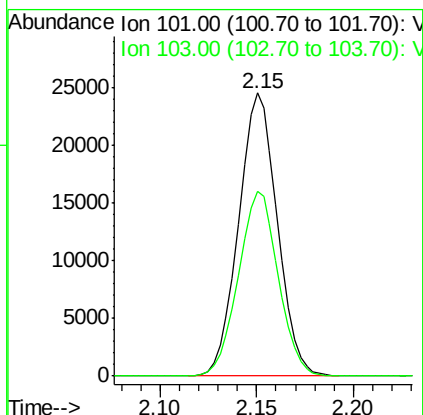
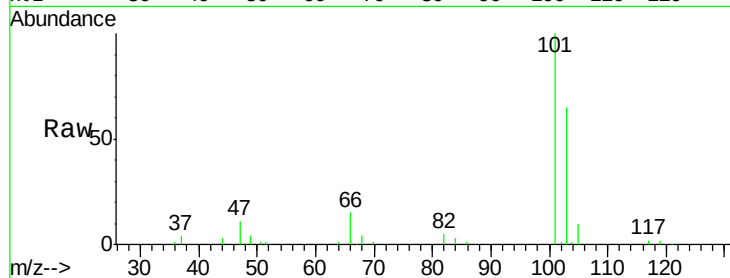


#9

Trichlorofluoromethane
 Concen: 5.301 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU041029.D
 Acq: 29 Oct 2020 21:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5

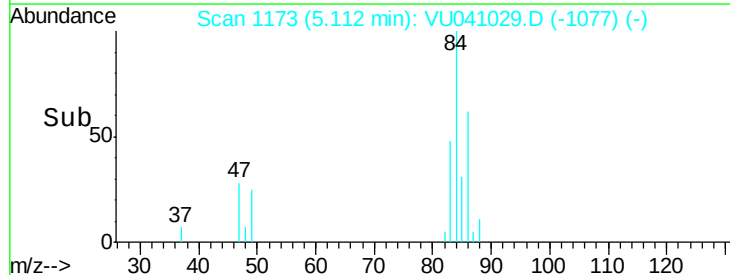
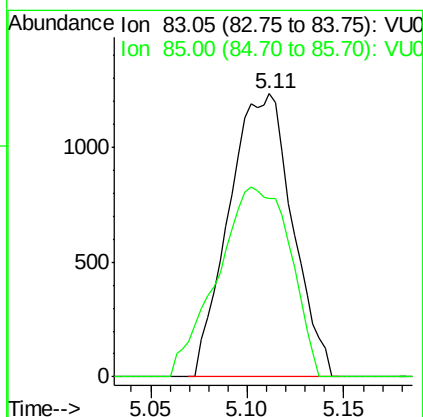
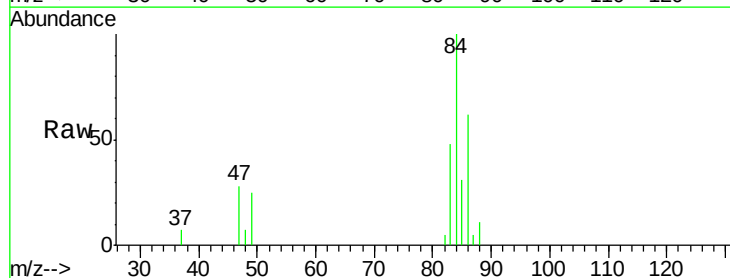
Tot Ion:101 Resp: 34141
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.0 76.4

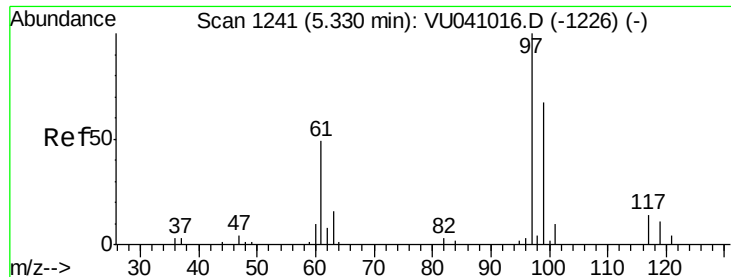


#25

Chloroform
 Concen: 0.387 ug/L
 RT: 5.11 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: VU041029.D
 Acq: 29 Oct 2020 21:22

Tgt Ion: 83 Resp: 2808
 Ion Ratio Lower Upper
 83 100
 85 63.2 46.1 85.7

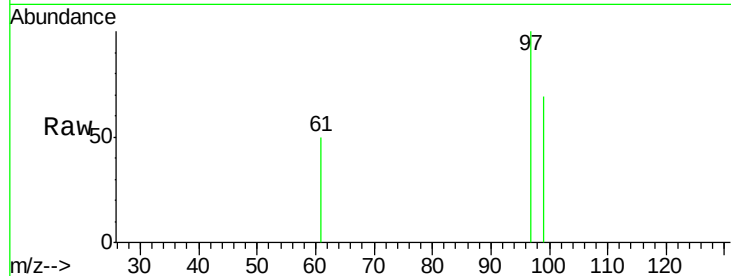




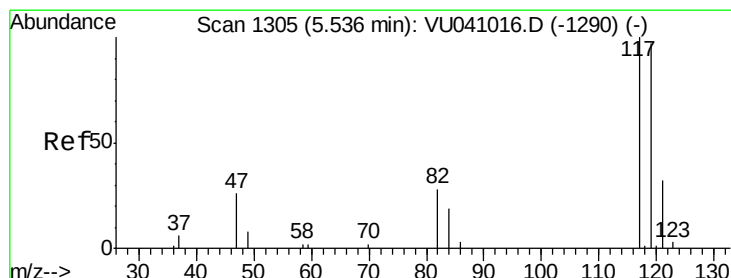
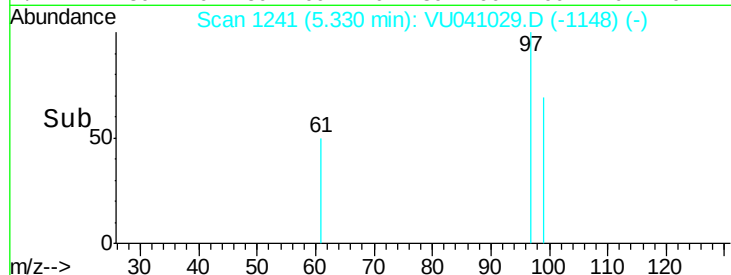
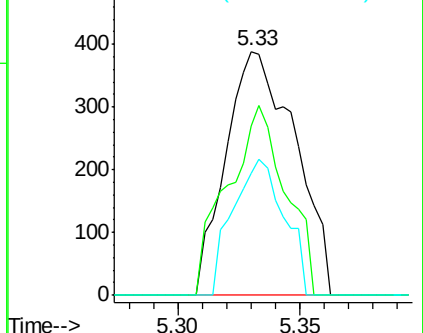
#29
 1,1,1-Trichloroethane
 Concen: 0.121 ug/L
 RT: 5.33 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VU041029.D
 Acq: 29 Oct 2020 21:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ5

Tot Ion: 97 Resp: 766
 Ion Ratio Lower Upper
 97 100
 99 65.5 53.4 80.0
 61 41.4 41.6 62.4#

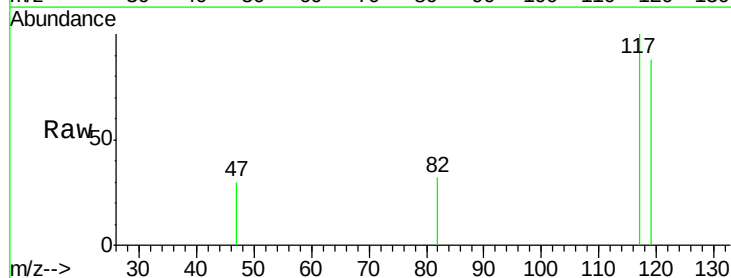


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

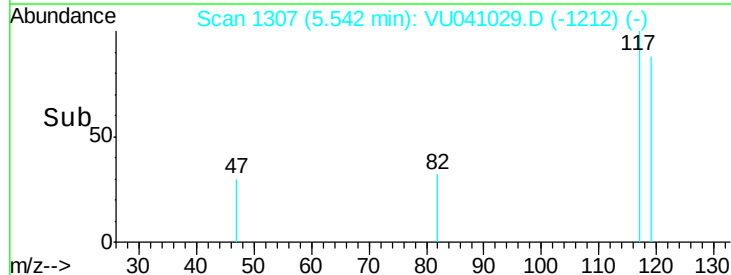
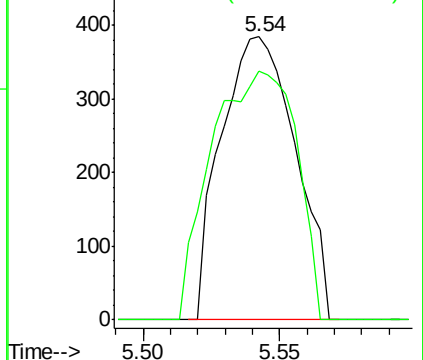


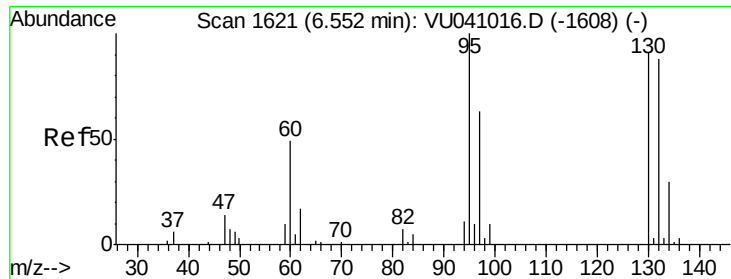
#31
 Carbon tetrachloride
 Concen: 0.130 ug/L
 RT: 5.54 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: VU041029.D
 Acq: 29 Oct 2020 21:22

Tgt Ion: 117 Resp: 727
 Ion Ratio Lower Upper
 117 100
 119 100.6 76.1 114.1



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

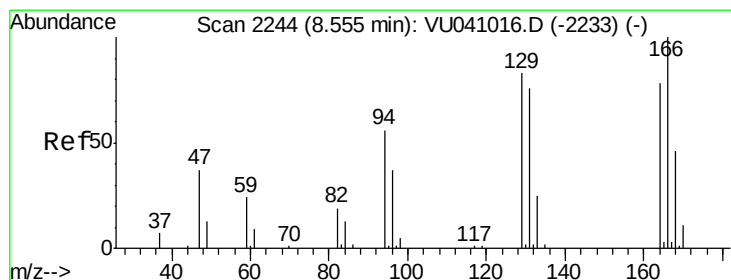
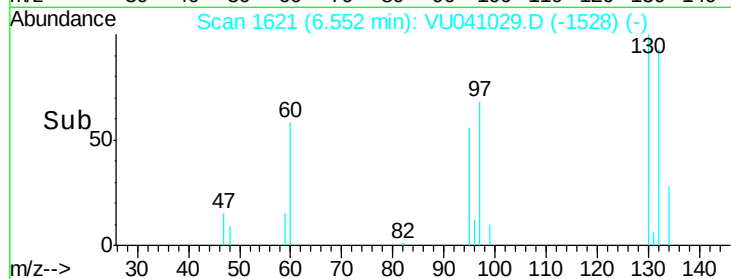
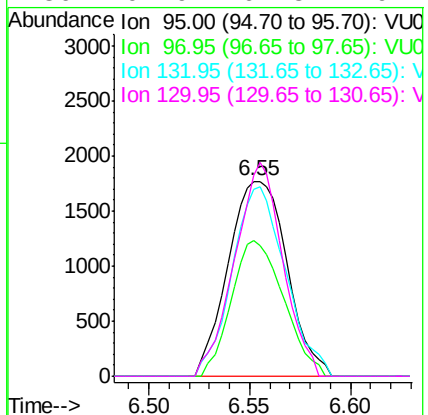
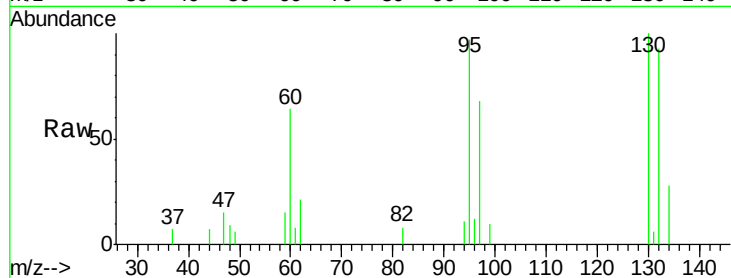




#34
 Trichloroethene
 Concen: 0.919 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041029.D
 Acq: 29 Oct 2020 21:22

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 C0BQ5

Tot Ion:	95	Resp:	3609
Ion	Ratio	Lower	Upper
95	100		
97	69.7	45.6	84.6
132	95.8	64.8	120.4
130	102.9	64.8	120.4



#47
 Tetrachloroethene
 Concen: 9.799 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: VU041029.D
 Acq: 29 Oct 2020 21:22

Tgt Ion:	164	Resp:	28311
Ion	Ratio	Lower	Upper
164	100		
129	103.0	70.3	130.7
131	95.5	70.8	131.4
166	122.6	92.0	170.8

