

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041035.D
 Acq On : 30 Oct 2020 11:20
 Operator : SY/MD
 Sample : L4558-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ2

Quant Time: Oct 30 23:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 23:53:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	54831	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57307	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	16057	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	13464	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.58	63	24808	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.67	46	88488	58.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.66%
24) Chloroform-d	5.08	84	34668	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.72	65	23187	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.74	84	59785	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	6.70	67	21993	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.91	98	45705	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.80%#
43) trans-1,3-Dichloropropene-	8.19	79	8758	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	58858	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21707	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	18762	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

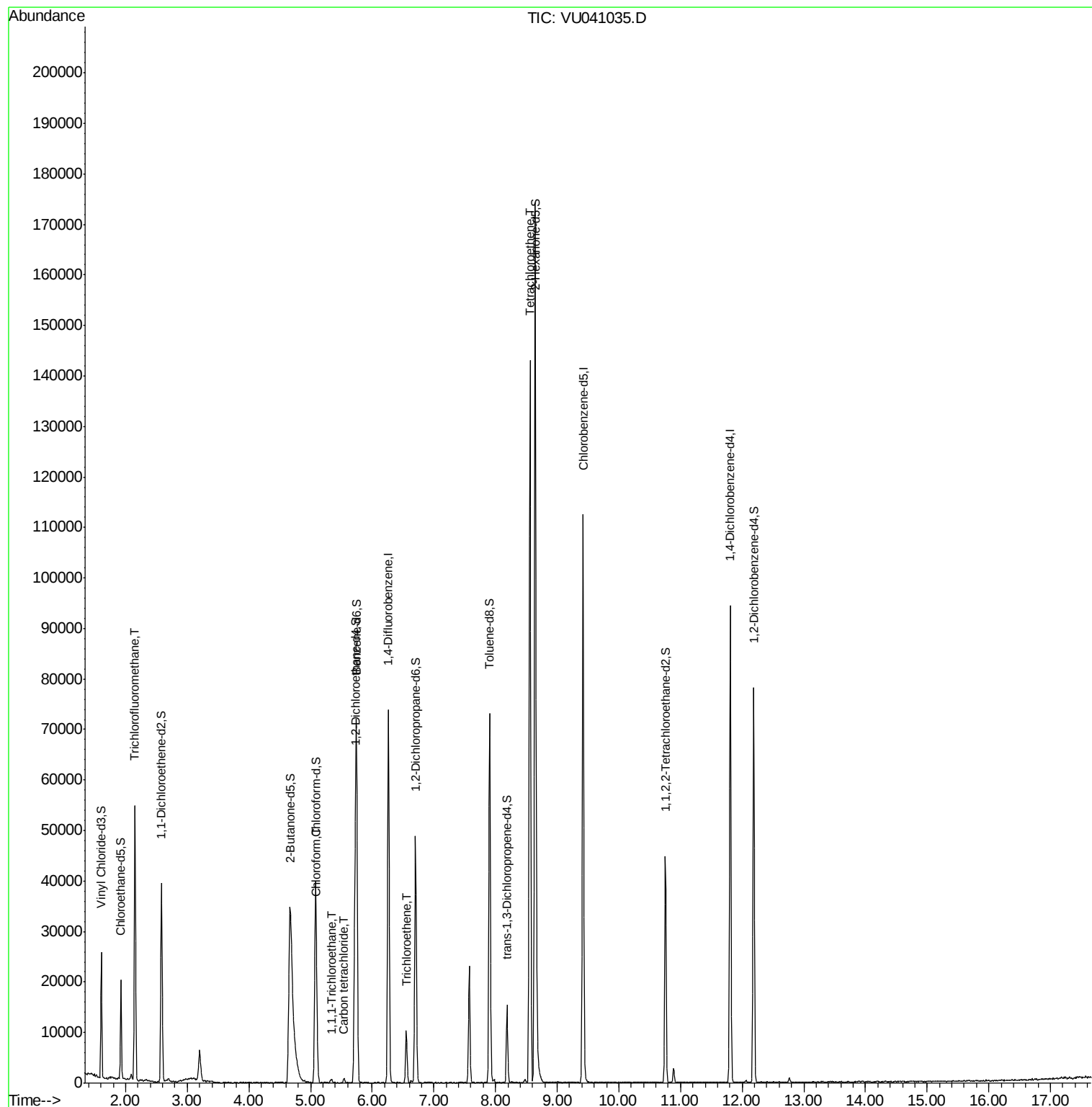
					Ovalue
9) Trichlorofluoromethane	2.15	101	34342	4.907 ug/L	99
25) Chloroform	5.11	83	2676	0.339 ug/L	95
29) 1,1,1-Trichloroethane	5.34	97	863	0.123 ug/L #	78
31) Carbon tetrachloride	5.54	117	649	0.105 ug/L	100
34) Trichloroethene	6.55	95	3740	0.858 ug/L	90
47) Tetrachloroethene	8.56	164	28803	8.989 ug/L	97

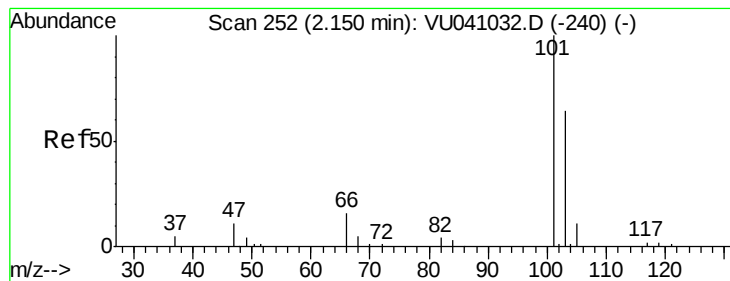
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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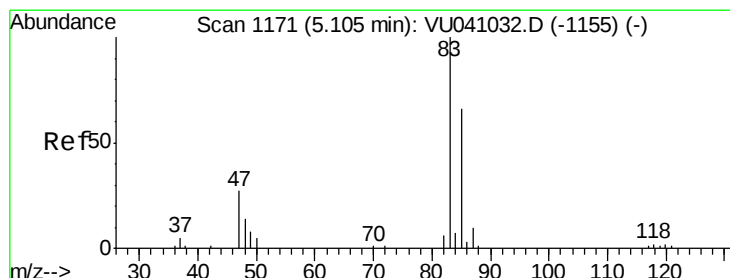
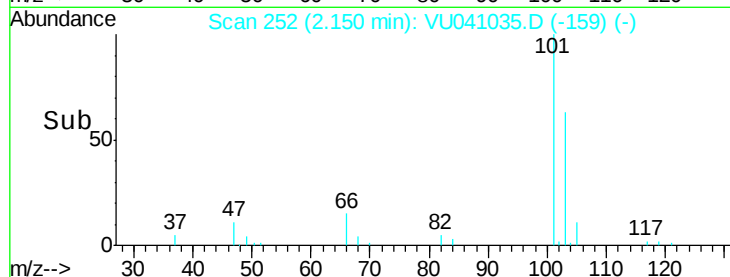
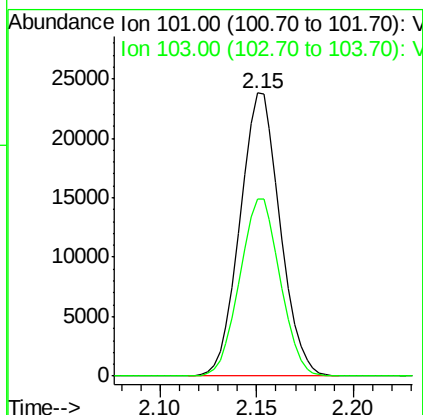
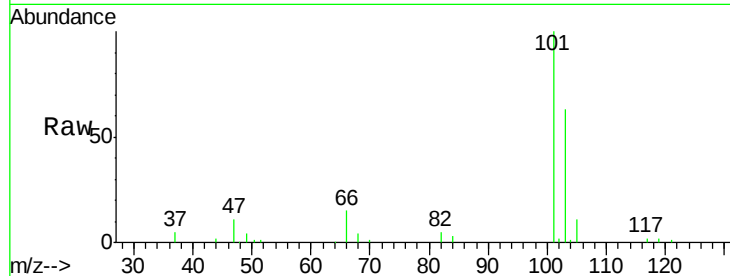


#9

Trichlorofluoromethane
 Concen: 4.907 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU041035.D
 Acq: 30 Oct 2020 11:20

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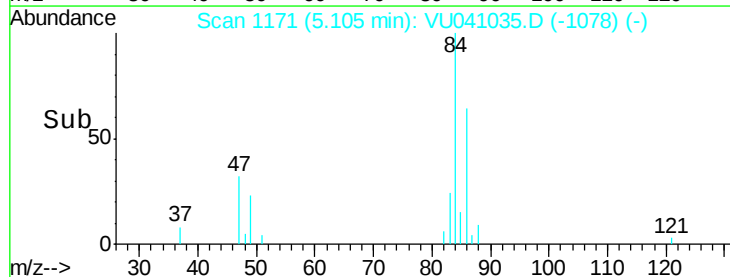
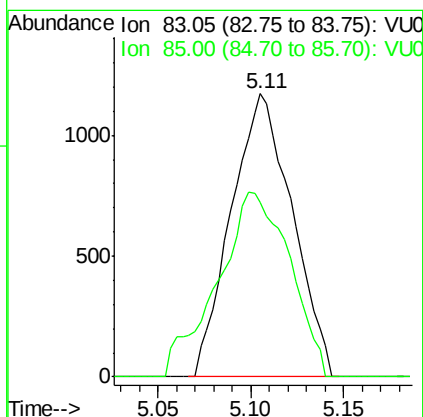
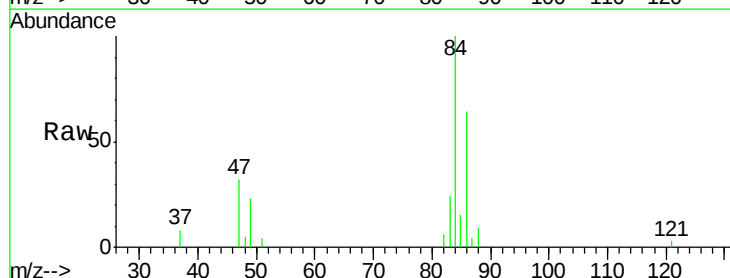
Tot Ion:101 Resp: 34342
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.0 76.4

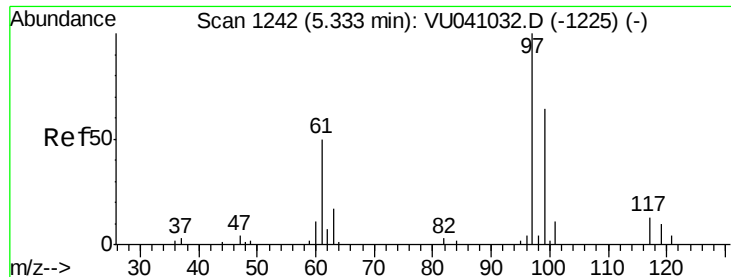


#25

Chloroform
 Concen: 0.339 ug/L
 RT: 5.11 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VU041035.D
 Acq: 30 Oct 2020 11:20

Tgt Ion: 83 Resp: 2676
 Ion Ratio Lower Upper
 83 100
 85 61.8 46.1 85.7

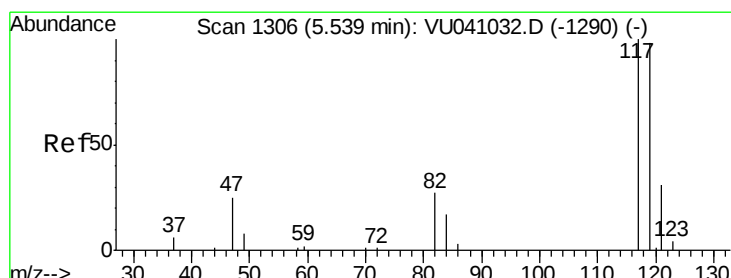
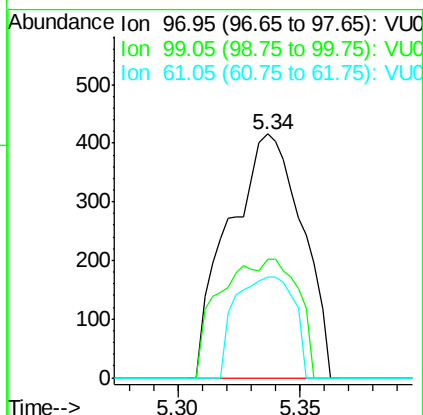
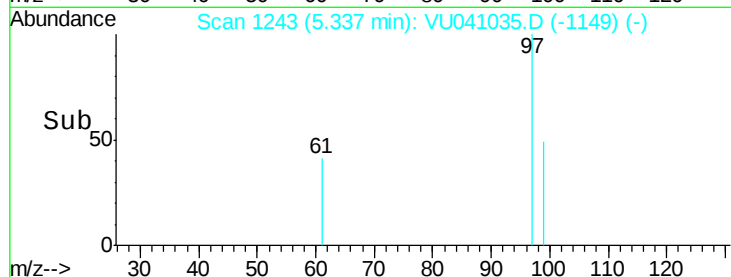
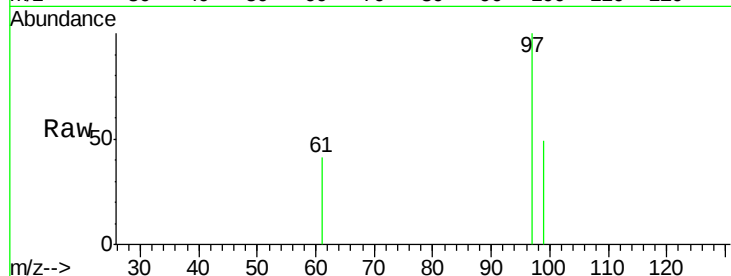




#29
 1,1,1-Trichloroethane
 Concen: 0.123 ug/L
 RT: 5.34 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VU041035.D
 Acq: 30 Oct 2020 11:20

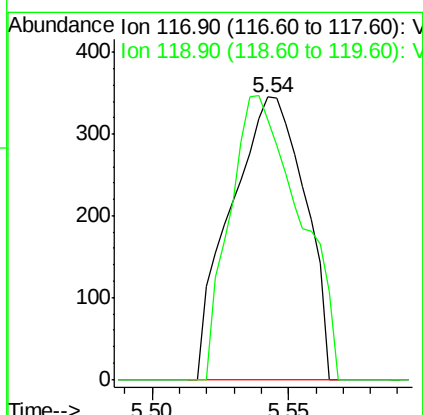
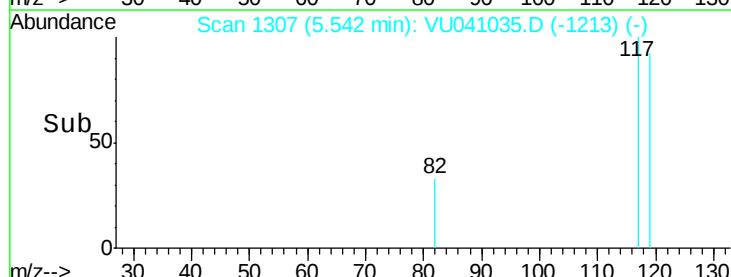
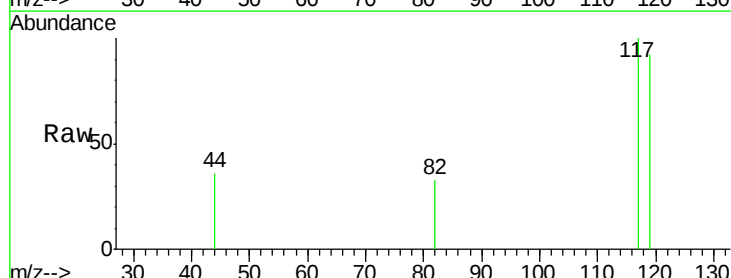
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ2

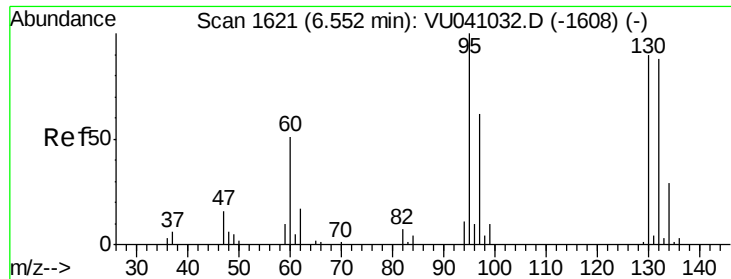
Tot Ion: 97 Resp: 863
 Ion Ratio Lower Upper
 97 100
 99 51.9 53.4 80.0#
 61 33.3 41.6 62.4#



#31
 Carbon tetrachloride
 Concen: 0.105 ug/L
 RT: 5.54 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: VU041035.D
 Acq: 30 Oct 2020 11:20

Tgt Ion: 117 Resp: 649
 Ion Ratio Lower Upper
 117 100
 119 95.1 76.1 114.1

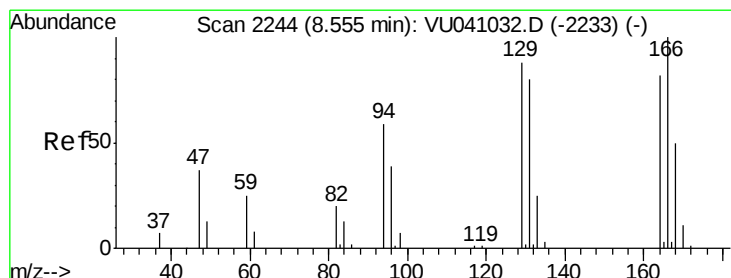
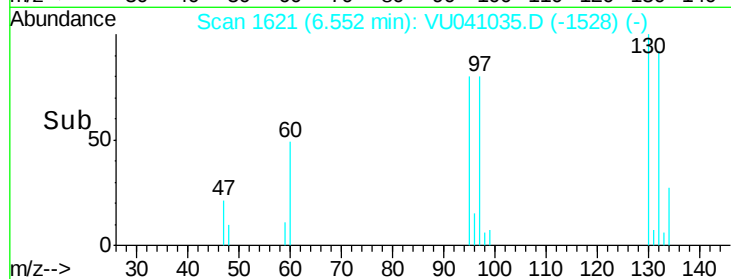
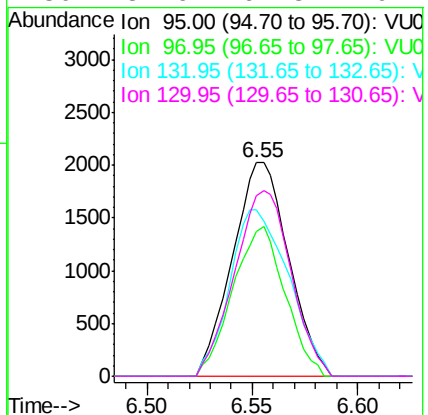
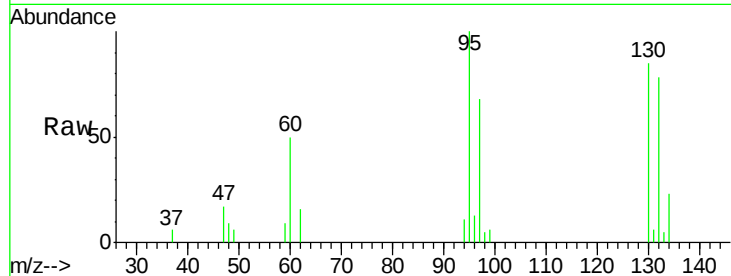




#34
 Trichloroethene
 Concen: 0.858 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041035.D
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Instrument :
 MSVOA_U
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 C0BQ2

Tot Ion: 95 Resp: 3740
 Ion Ratio Lower Upper
 95 100
 97 67.6 45.6 84.6
 132 77.8 64.8 120.4
 130 84.6 64.8 120.4



#47
 Tetrachloroethene
 Concen: 8.989 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041035.D
 Acq: 30 Oct 2020 11:20

Tgt Ion: 164 Resp: 28803
 Ion Ratio Lower Upper
 164 100
 129 101.9 70.3 130.7
 131 102.5 70.8 131.4
 166 125.8 92.0 170.8

