

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034957.D
 Acq On : 07 Oct 2019 14:09
 Operator : JC/SP
 Sample : K5196-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0K00

Quant Time: Oct 09 04:12:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	196903	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	196210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	79712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83168	7.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	143.00%#
7) Chloroethane-d5	1.68	69	74288	6.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.80%#
11) 1,1-Dichloroethene-d2	2.26	63	116258	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.17	46	188842	55.09	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.18%
24) Chloroform-d	4.62	84	130218	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
26) 1,2-Dichloroethane-d4	5.29	65	76083	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.32	84	288352	6.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.40%#
36) 1,2-Dichloropropane-d6	6.31	67	95674	6.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.40%
41) Toluene-d8	7.54	98	258735	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
43) trans-1,3-Dichloropropene-	7.84	79	29746	5.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.60%
46) 2-Hexanone-d5	8.30	63	144388	54.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	72967	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	88358	6.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	131.40%#

Target Compounds

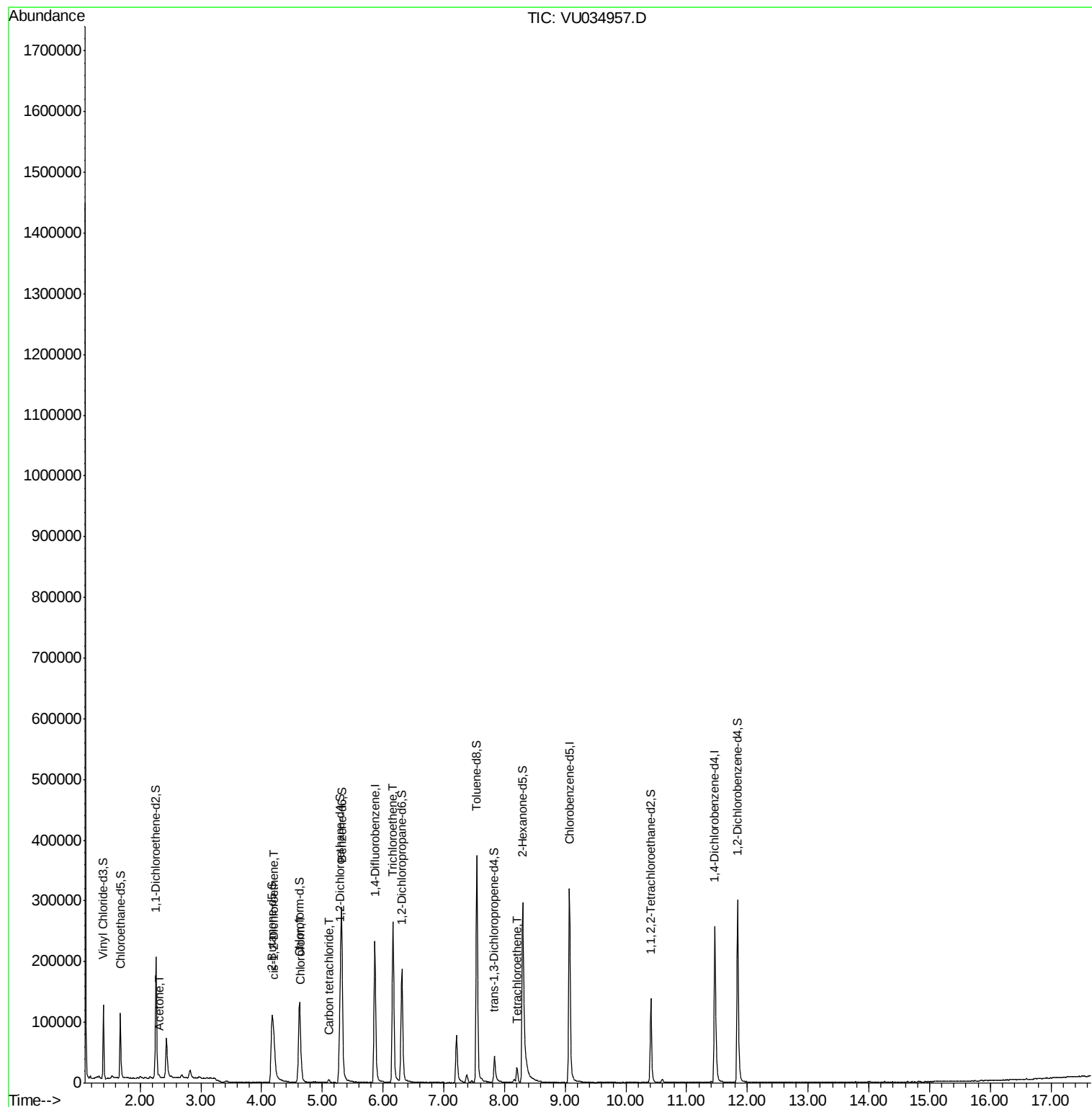
					Ovalue
13) Acetone	2.31	43	4140	1.475 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	26368	1.745 ug/L	99
25) Chloroform	4.65	83	16244	0.537 ug/L	99
31) Carbon tetrachloride	5.10	117	3463	0.181 ug/L	99
34) Trichloroethene	6.16	95	97175	6.375 ug/L	96
47) Tetrachloroethene	8.21	164	5540	0.449 ug/L	90

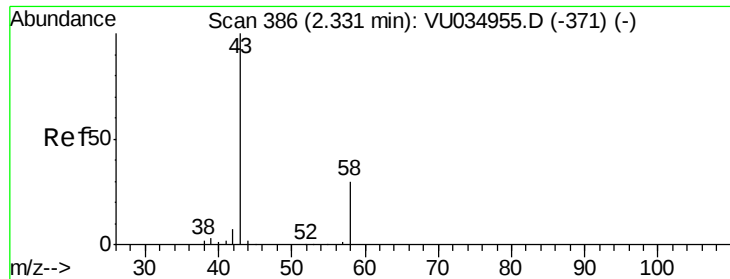
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.475 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034957.D

Acq: 07 Oct 2019 14:09

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MSVOA_U

ClientSampleId :

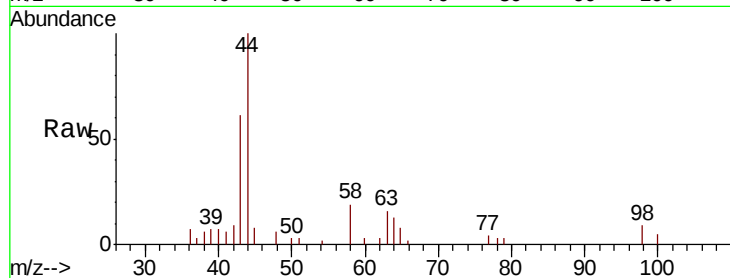
C0K00

Tot Ion: 43 Resp: 4140

Ion Ratio Lower Upper

43 100

58 30.8 0.0 60.8



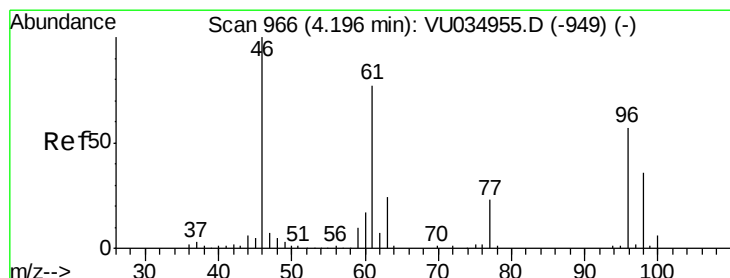
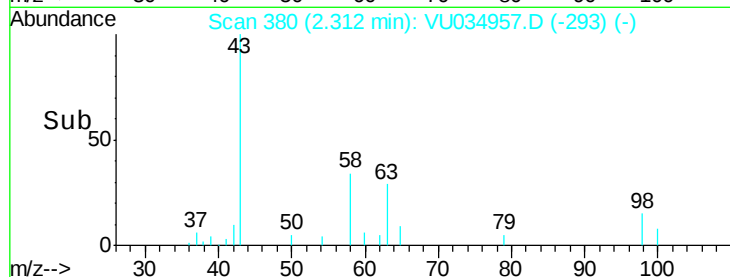
Abundance Ion 43.05 (42.75 to 43.75): VU034957.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU034957.D (-293) (-)

2.31

2.35

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.745 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.01 min

Lab File: VU034957.D

Acq: 07 Oct 2019 14:09

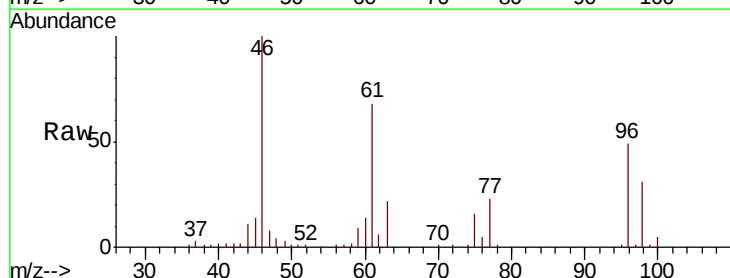
Tgt Ion: 96 Resp: 26368

Ion Ratio Lower Upper

96 100

61 136.9 96.4 179.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034957.D (-873) (-)

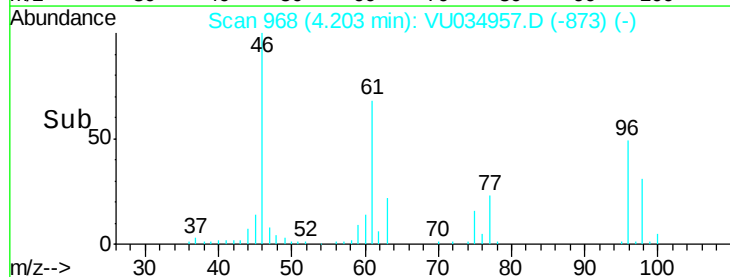
Ion 61.05 (60.75 to 61.75): VU034957.D (-873) (-)

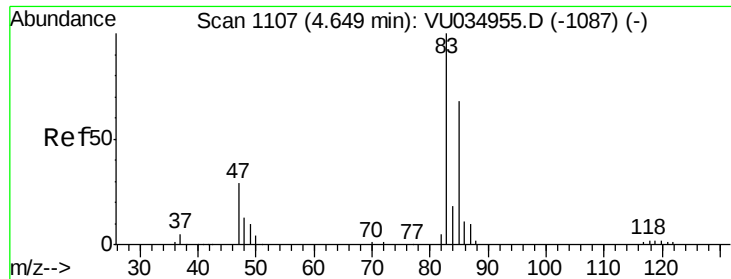
Ion 68.15 (67.85 to 68.85): VU034957.D (-873) (-)

4.20

4.30

Time-->

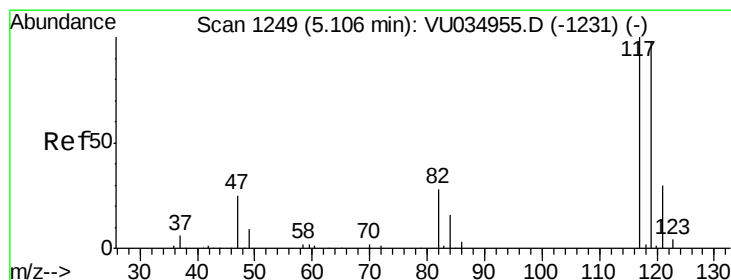
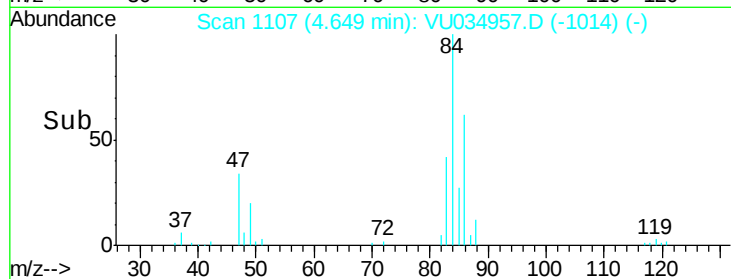
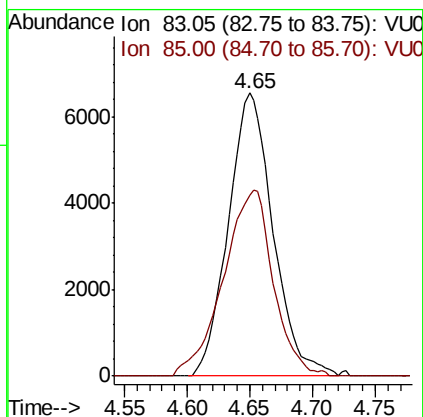
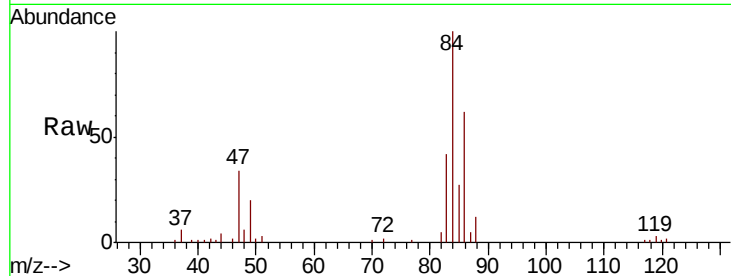




#25
Chloroform
Concen: 0.537 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

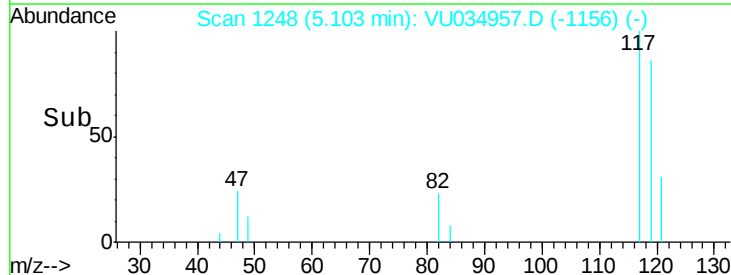
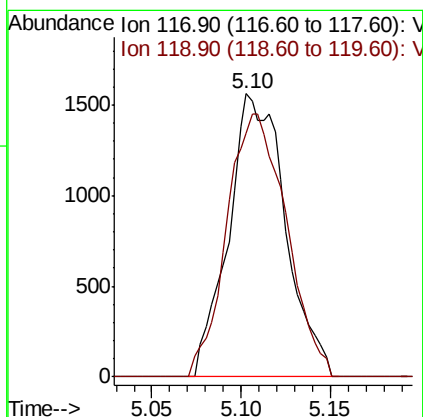
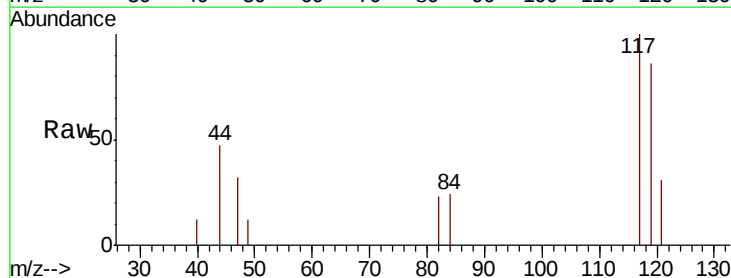
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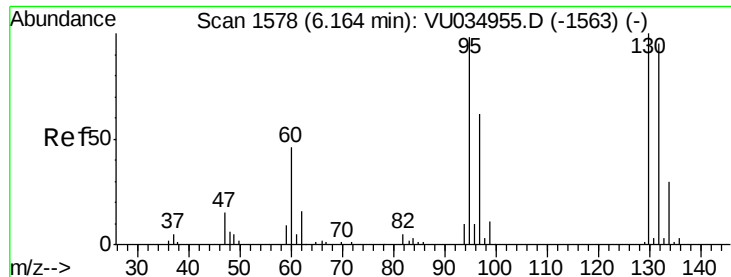
Tot Ion: 83 Resp: 16244
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VU034957.D
Acq: 07 Oct 2019 14:09

Tgt Ion: 117 Resp: 3463
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6





#34

Trichloroethene

Concen: 6.375 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034957.D

Acq: 07 Oct 2019 14:09

Instrument :

MSVOA_U

ClientSampleId :

C0K00

Tot Ion: 95 Resp: 97175

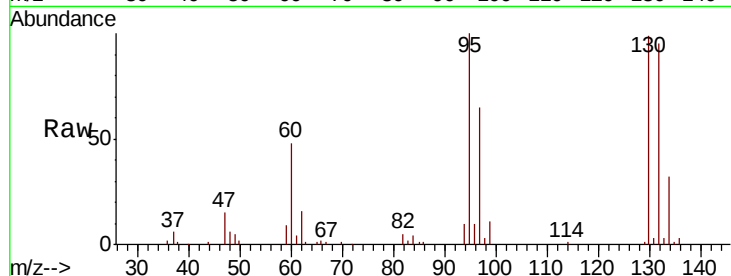
Ion Ratio Lower Upper

95 100

97 64.8 42.5 78.9

132 94.6 65.8 122.2

130 98.9 65.0 120.8

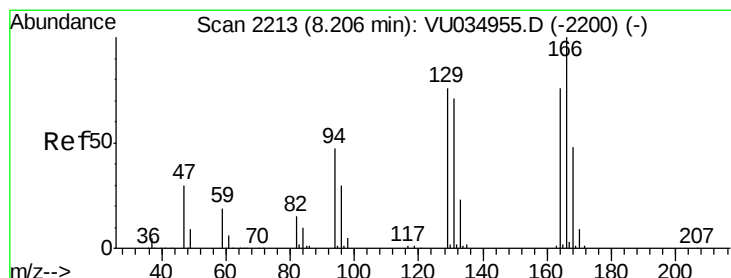
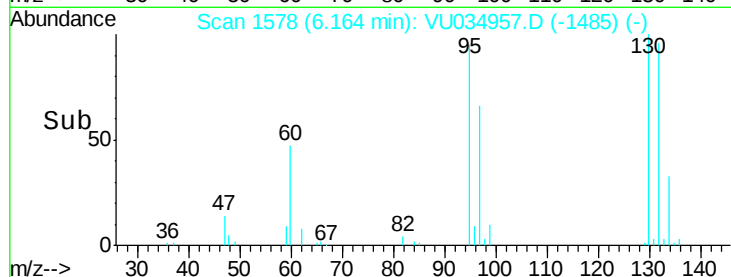
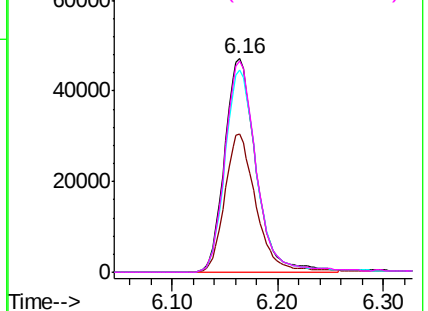


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.449 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034957.D

Acq: 07 Oct 2019 14:09

Tgt Ion: 164 Resp: 5540

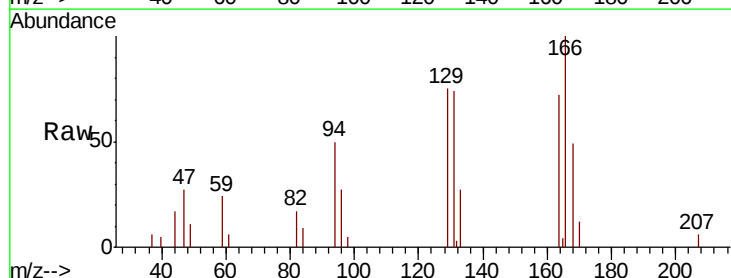
Ion Ratio Lower Upper

164 100

129 104.5 66.5 123.5

131 104.0 63.3 117.7

166 139.8 91.6 170.2



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

