

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034968.D
 Acq On : 07 Oct 2019 18:37
 Operator : JC/SP
 Sample : K5219-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-25-001-01

Quant Time: Oct 09 05:06:41 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	185484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	187359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49900	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.68	69	48106	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.26	63	75638	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.17	46	158219	49.00	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.62	84	91837	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.29	65	61304	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.32	84	211242	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	72386	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.54	98	190033	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.84	79	22691	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.30	63	111734	44.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.90%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	60613	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	69928	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

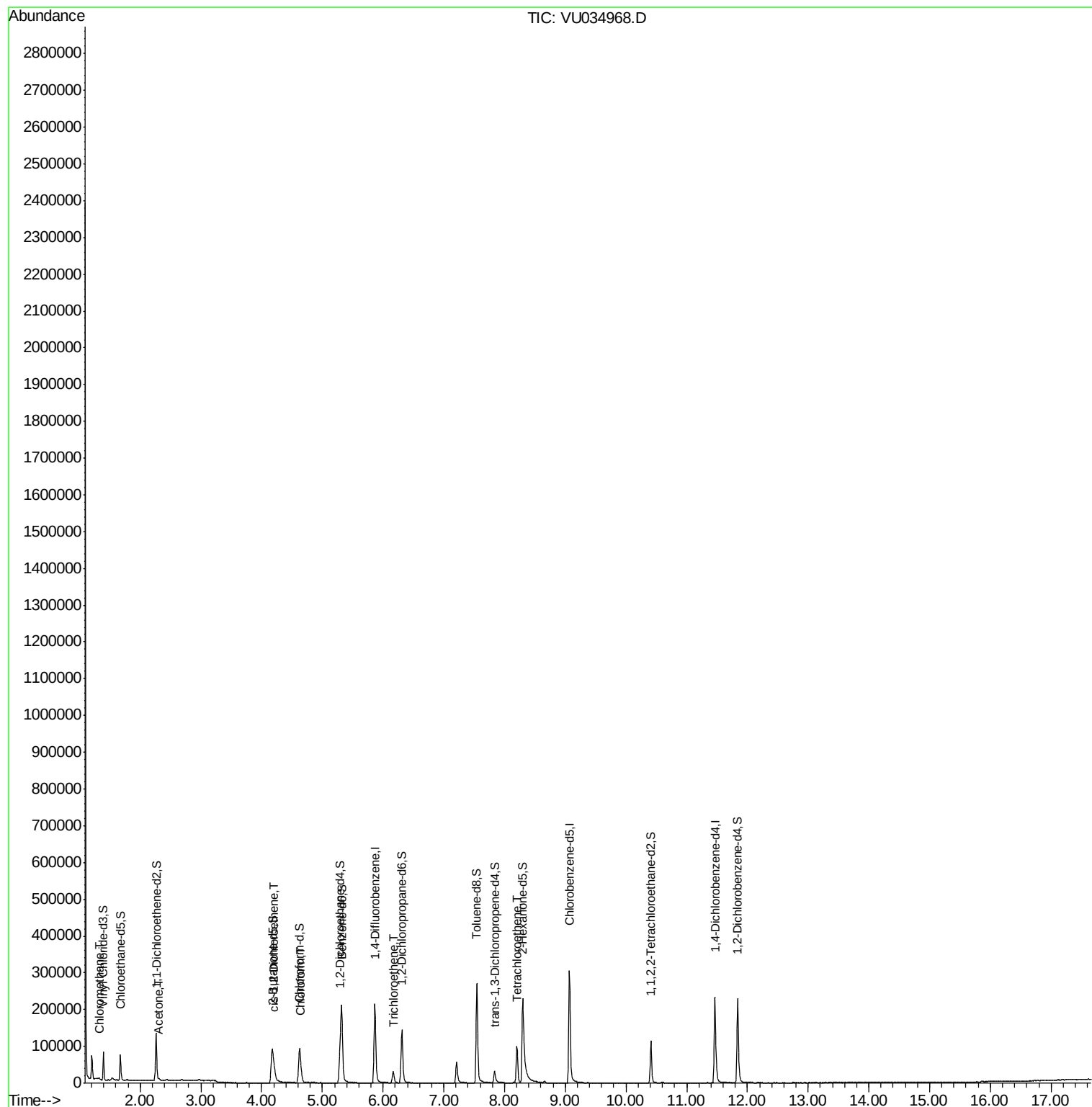
					Ovalue
3) Chloromethane	1.33	50	3042	0.164	ug/L 92
13) Acetone	2.31	43	4230	1.600	ug/L 93
22) cis-1,2-Dichloroethene	4.20	96	16917	1.189	ug/L 94
25) Chloroform	4.65	83	18475	0.648	ug/L 99
34) Trichloroethene	6.17	95	11105	0.763	ug/L 86
47) Tetrachloroethene	8.21	164	23170	1.967	ug/L 95

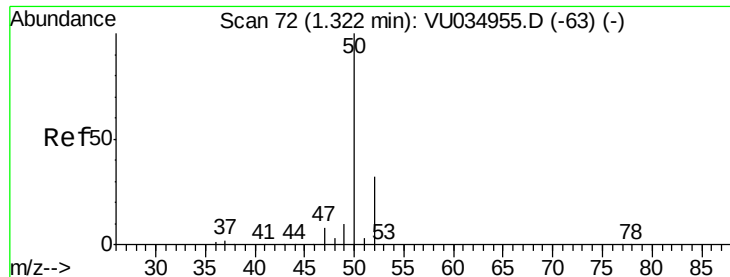
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.164 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

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Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

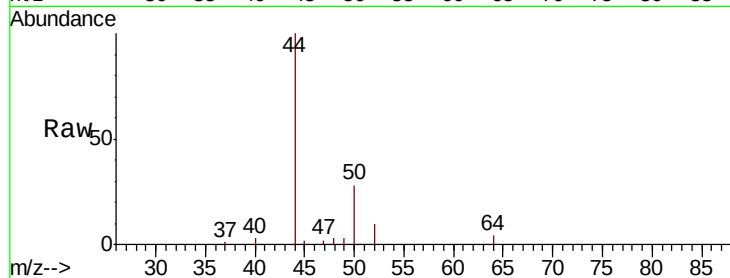
MW-25-001-01

Tot Ion: 50 Resp: 3042

Ion Ratio Lower Upper

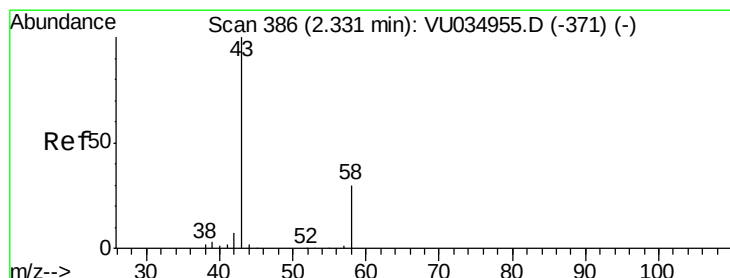
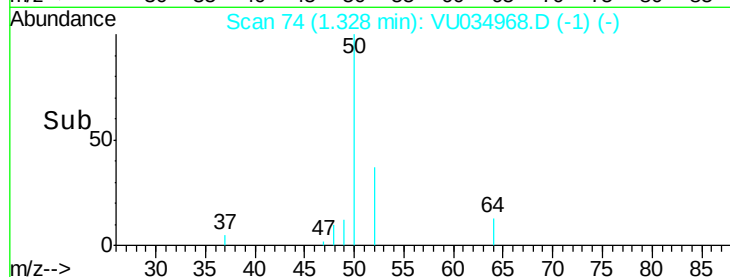
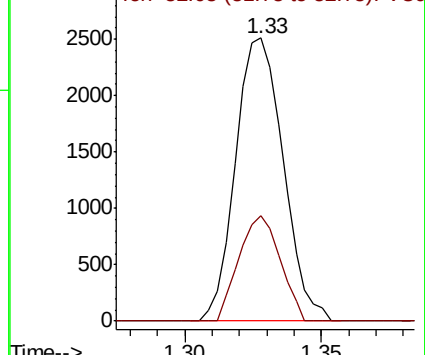
50 100

52 37.4 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 1.600 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034968.D

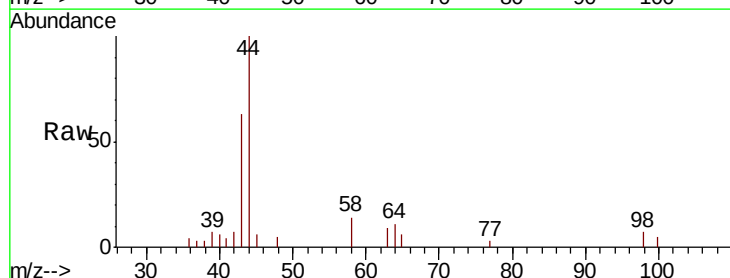
Acq: 07 Oct 2019 18:37

Tgt Ion: 43 Resp: 4230

Ion Ratio Lower Upper

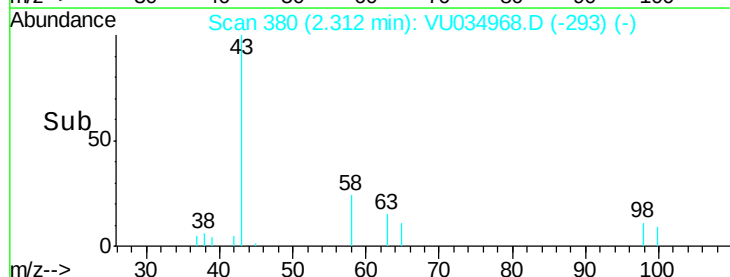
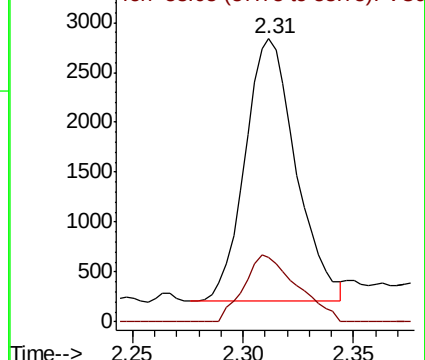
43 100

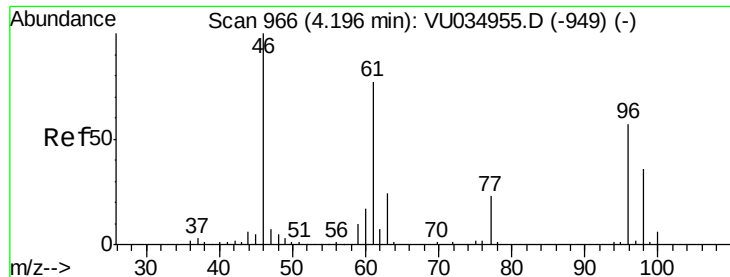
58 26.6 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



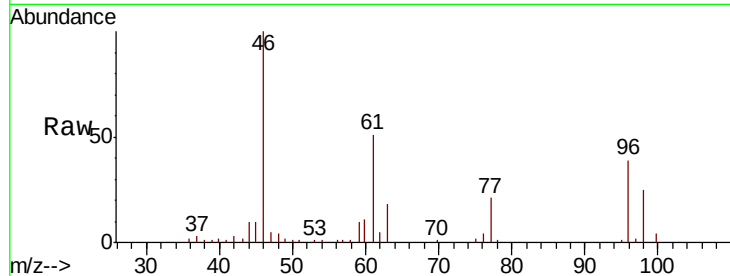


#22

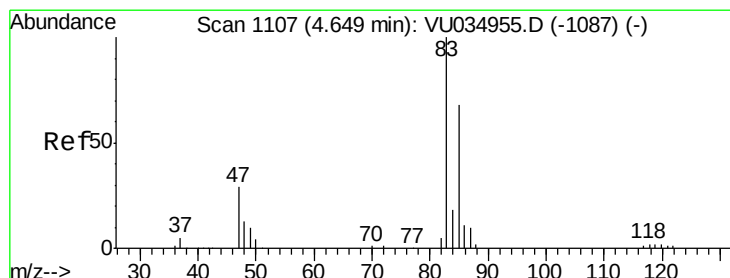
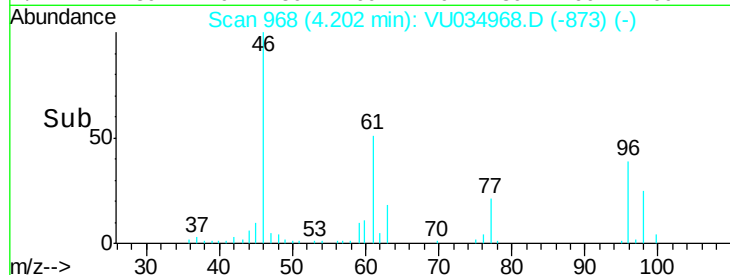
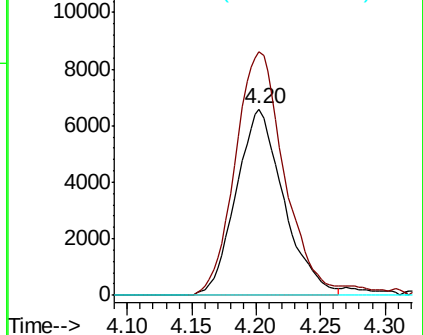
cis-1,2-Dichloroethene
 Concen: 1.189 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU034968.D
 Acq: 07 Oct 2019 18:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-25-001-01

Tot Ion: 96 Resp: 16917
 Ion Ratio Lower Upper
 96 100
 61 130.5 96.4 179.0
 68 0.0 0.0 0.0



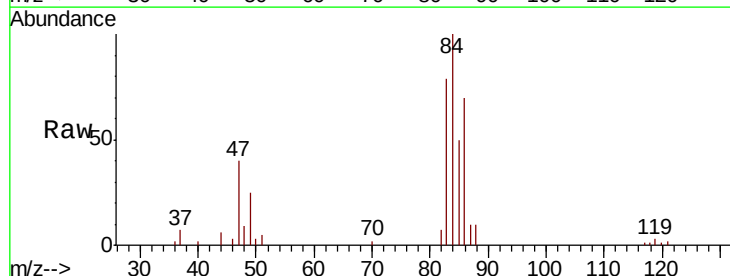
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



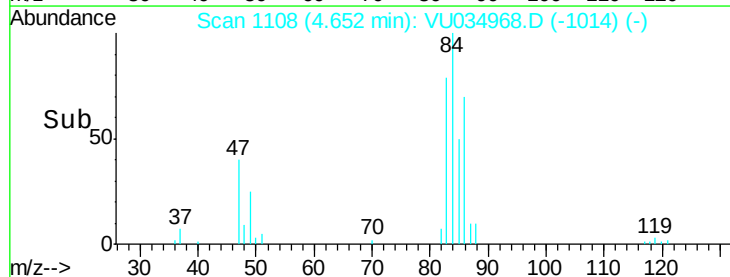
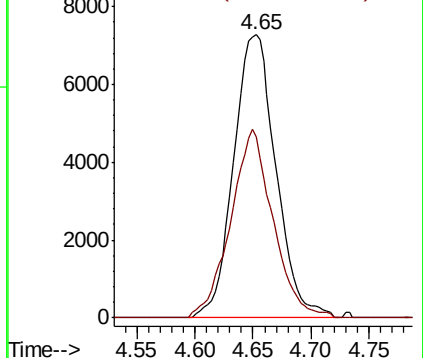
#25

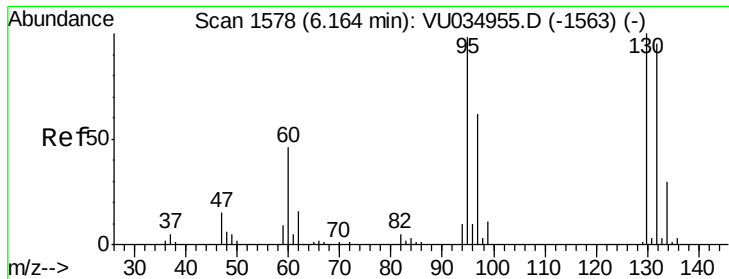
Chloroform
 Concen: 0.648 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU034968.D
 Acq: 07 Oct 2019 18:37

Tgt Ion: 83 Resp: 18475
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 0.763 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

Instrument :

MSVOA_U

ClientSampleId :

MW-25-001-01

Tot Ion: 95 Resp: 11105

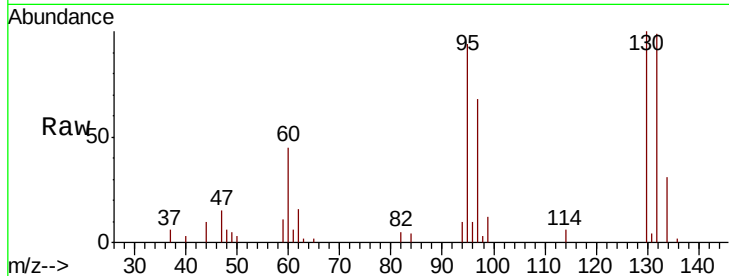
Ion Ratio Lower Upper

95 100

97 72.4 42.5 78.9

132 105.2 65.8 122.2

130 106.7 65.0 120.8



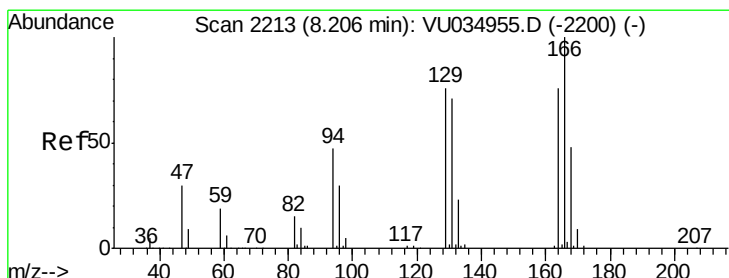
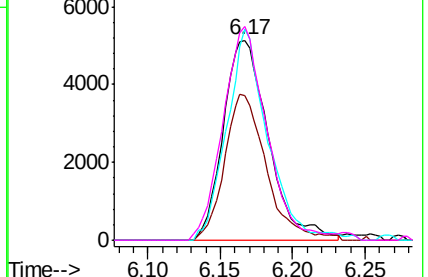
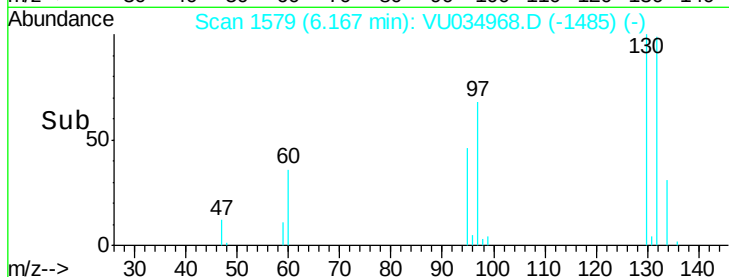
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#47

Tetrachloroethene

Concen: 1.967 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034968.D

Acq: 07 Oct 2019 18:37

Tgt Ion: 164 Resp: 23170

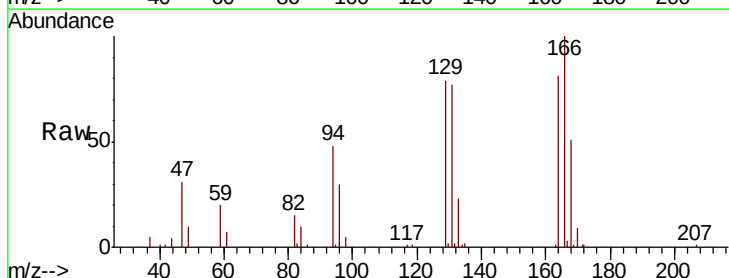
Ion Ratio Lower Upper

164 100

129 98.5 66.5 123.5

131 95.2 63.3 117.7

166 124.1 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

Time-->

