

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034967.D
 Acq On : 07 Oct 2019 18:13
 Operator : JC/SP
 Sample : K5219-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2-001-01

Quant Time: Oct 09 05:00:52 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	181143	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	183331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	73241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49828	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	47826	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.26	63	74528	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.17	46	146830	46.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.12%
24) Chloroform-d	4.62	84	93038	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.29	65	60708	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.32	84	210479	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.31	67	71781	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.55	98	194368	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.84	79	21430	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.30	63	113173	46.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59042	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	69662	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

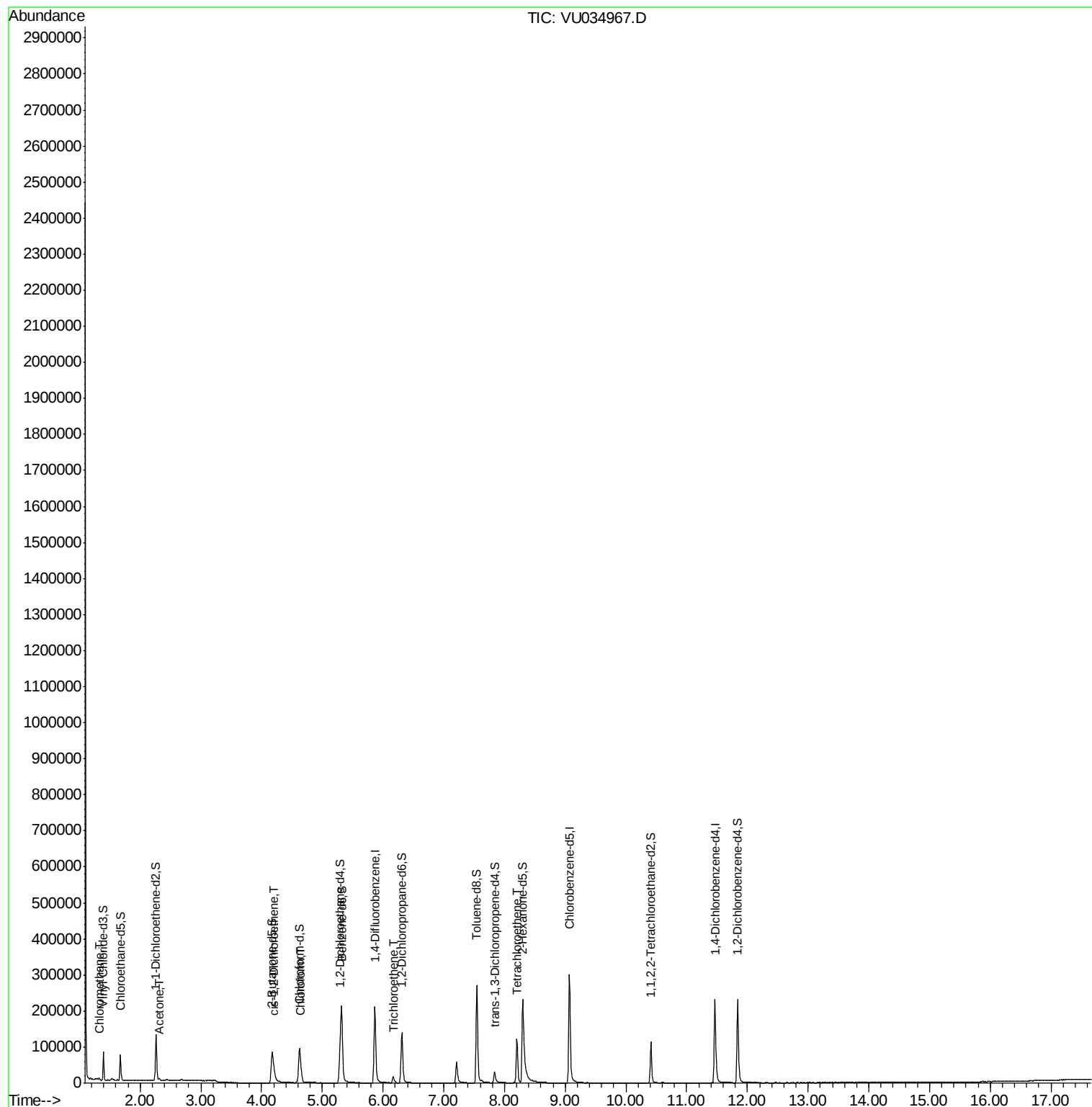
					Ovalue
3) Chloromethane	1.32	50	2911	0.160 ug/L	94
13) Acetone	2.31	43	5231	2.025 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	9538	0.686 ug/L	94
25) Chloroform	4.65	83	17668	0.635 ug/L	98
34) Trichloroethene	6.17	95	6361	0.447 ug/L	93
47) Tetrachloroethene	8.21	164	27235	2.362 ug/L	98

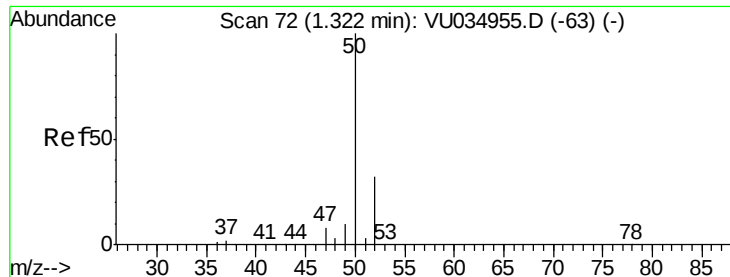
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034967.D

Acq: 07 Oct 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

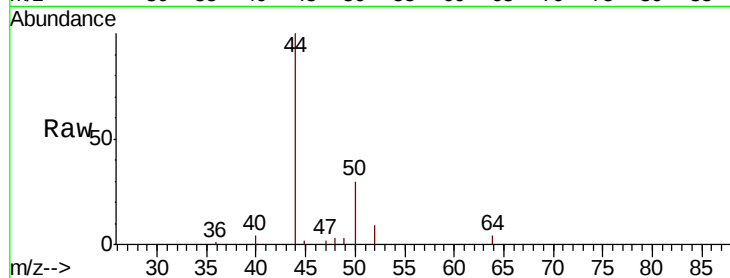
MW-2-001-01

Tot Ion: 50 Resp: 2911

Ion Ratio Lower Upper

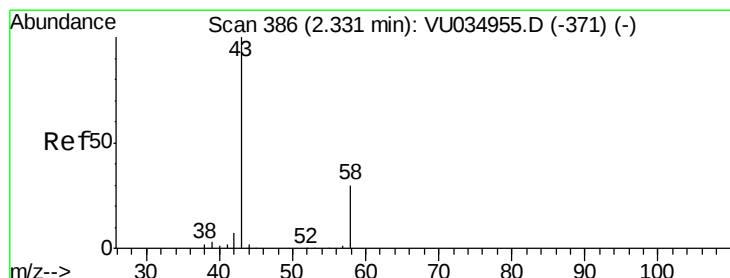
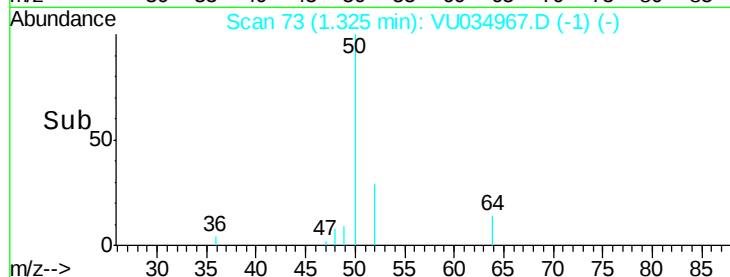
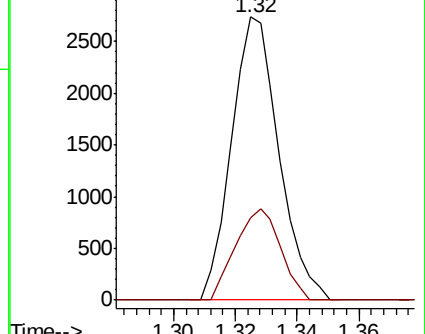
50 100

52 29.3 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU034967.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU034967.D (-1) (-)



#13

Acetone

Concen: 2.025 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034967.D

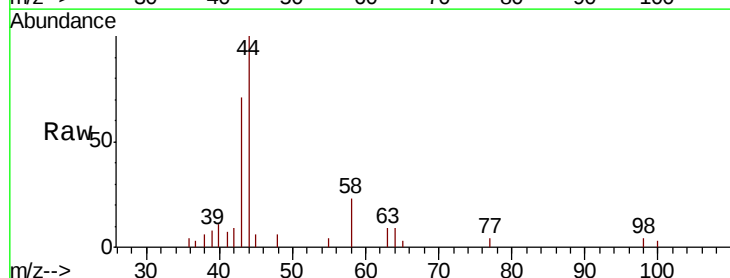
Acq: 07 Oct 2019 18:13

Tgt Ion: 43 Resp: 5231

Ion Ratio Lower Upper

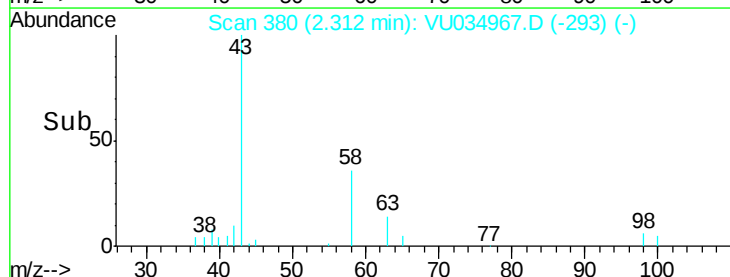
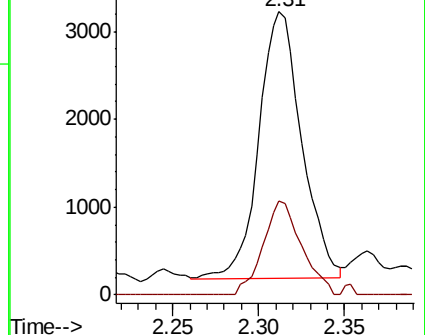
43 100

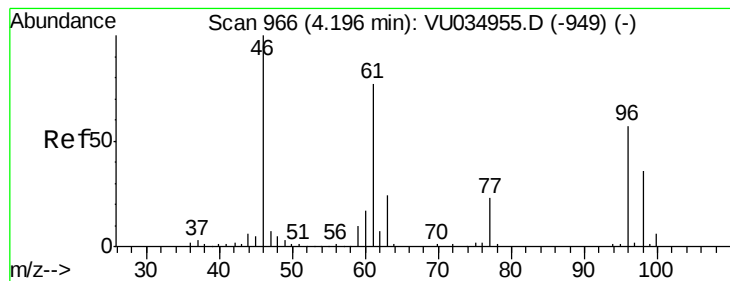
58 31.7 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034967.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU034967.D (-293) (-)



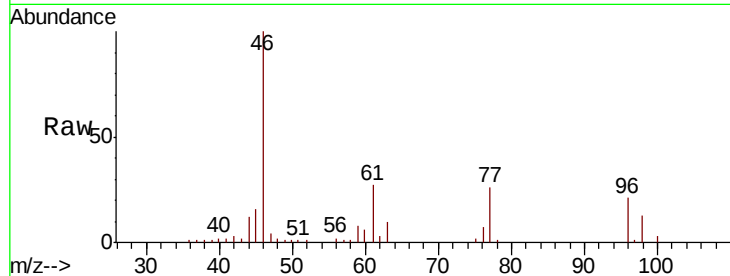


#22

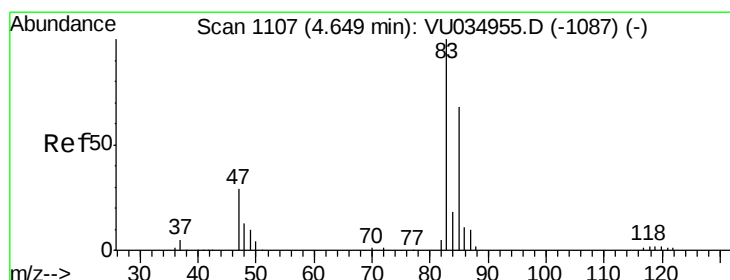
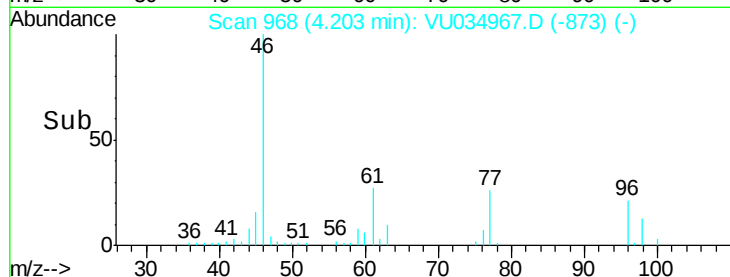
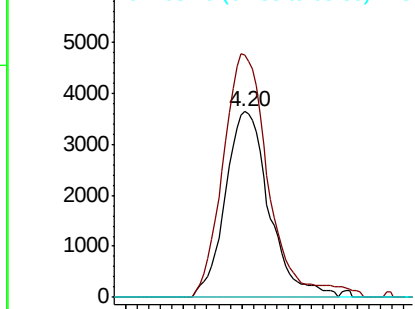
cis-1,2-Dichloroethene
 Concen: 0.686 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU034967.D
 Acq: 07 Oct 2019 18:13

Instrument :
 MSVOA_U
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 MW-2-001-01

Tot Ion: 96 Resp: 9538
 Ion Ratio Lower Upper
 96 100
 61 130.5 96.4 179.0
 68 0.0 0.0 0.0



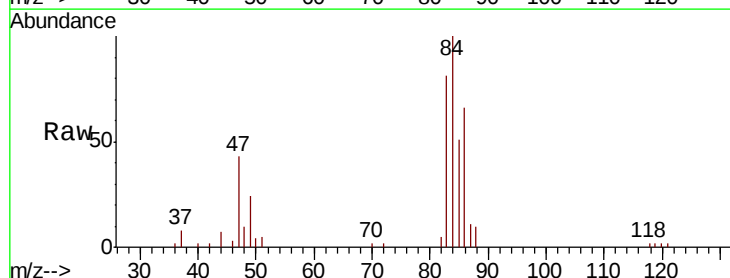
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



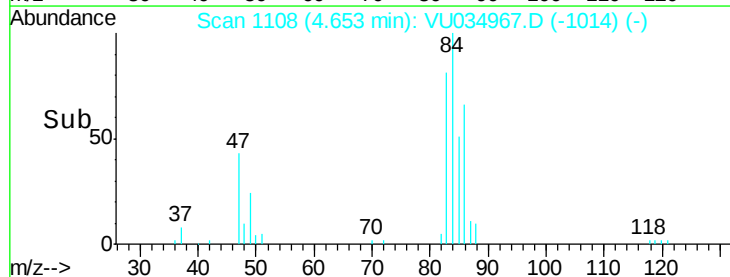
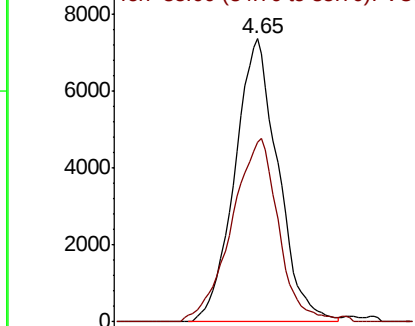
#25

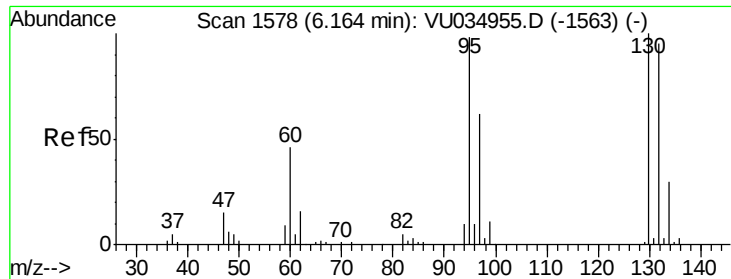
Chloroform
 Concen: 0.635 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU034967.D
 Acq: 07 Oct 2019 18:13

Tgt Ion: 83 Resp: 17668
 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: 0.447 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034967.D

Acq: 07 Oct 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

MW-2-001-01

Tot Ion: 95 Resp: 6361

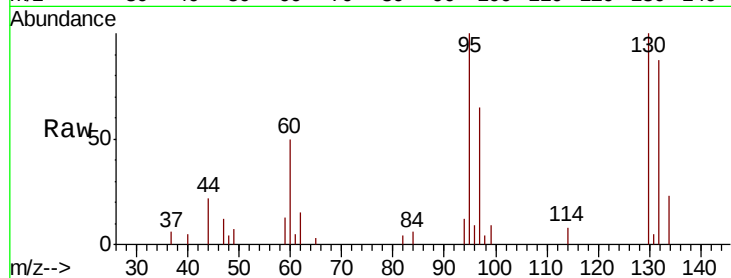
Ion Ratio Lower Upper

95 100

97 65.7 42.5 78.9

132 87.0 65.8 122.2

130 100.4 65.0 120.8

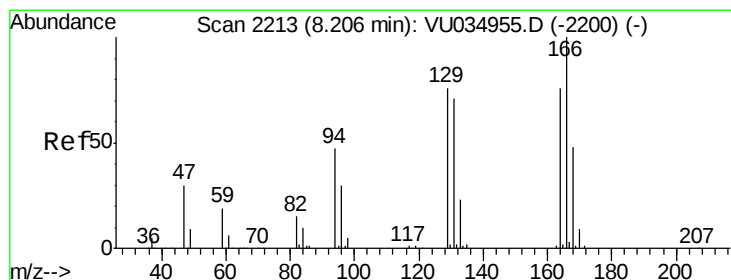
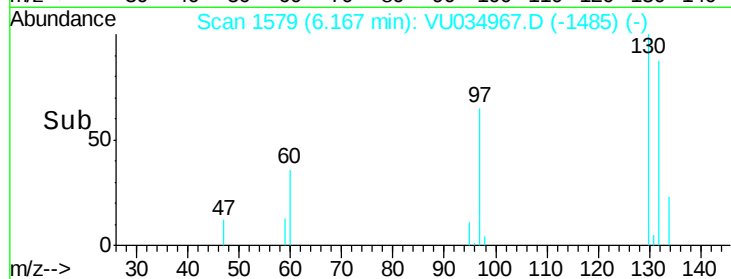
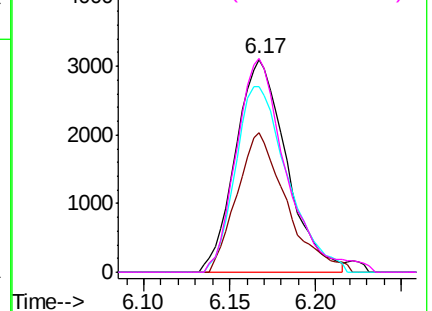


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.362 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034967.D

Acq: 07 Oct 2019 18:13

Tgt Ion: 164 Resp: 27235

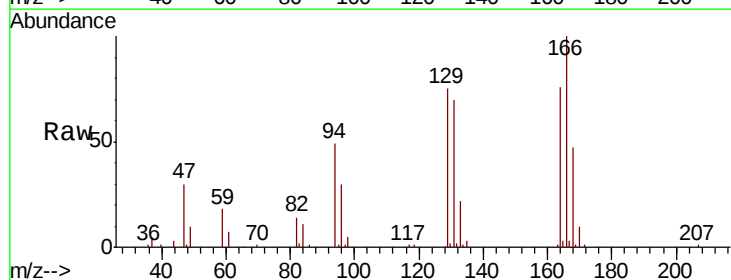
Ion Ratio Lower Upper

164 100

129 99.1 66.5 123.5

131 92.1 63.3 117.7

166 131.9 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

