

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034966.D
 Acq On : 07 Oct 2019 17:48
 Operator : JC/SP
 Sample : K5219-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12D-001-02

Quant Time: Oct 09 04:58:16 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	181231	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	185627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	75326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49281	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	46782	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.26	63	74612	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.17	46	145665	46.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.34%
24) Chloroform-d	4.62	84	91241	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.29	65	57237	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.32	84	208202	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.31	67	72187	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.55	98	191501	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.84	79	22313	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.30	63	114326	45.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	59349	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	68216	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

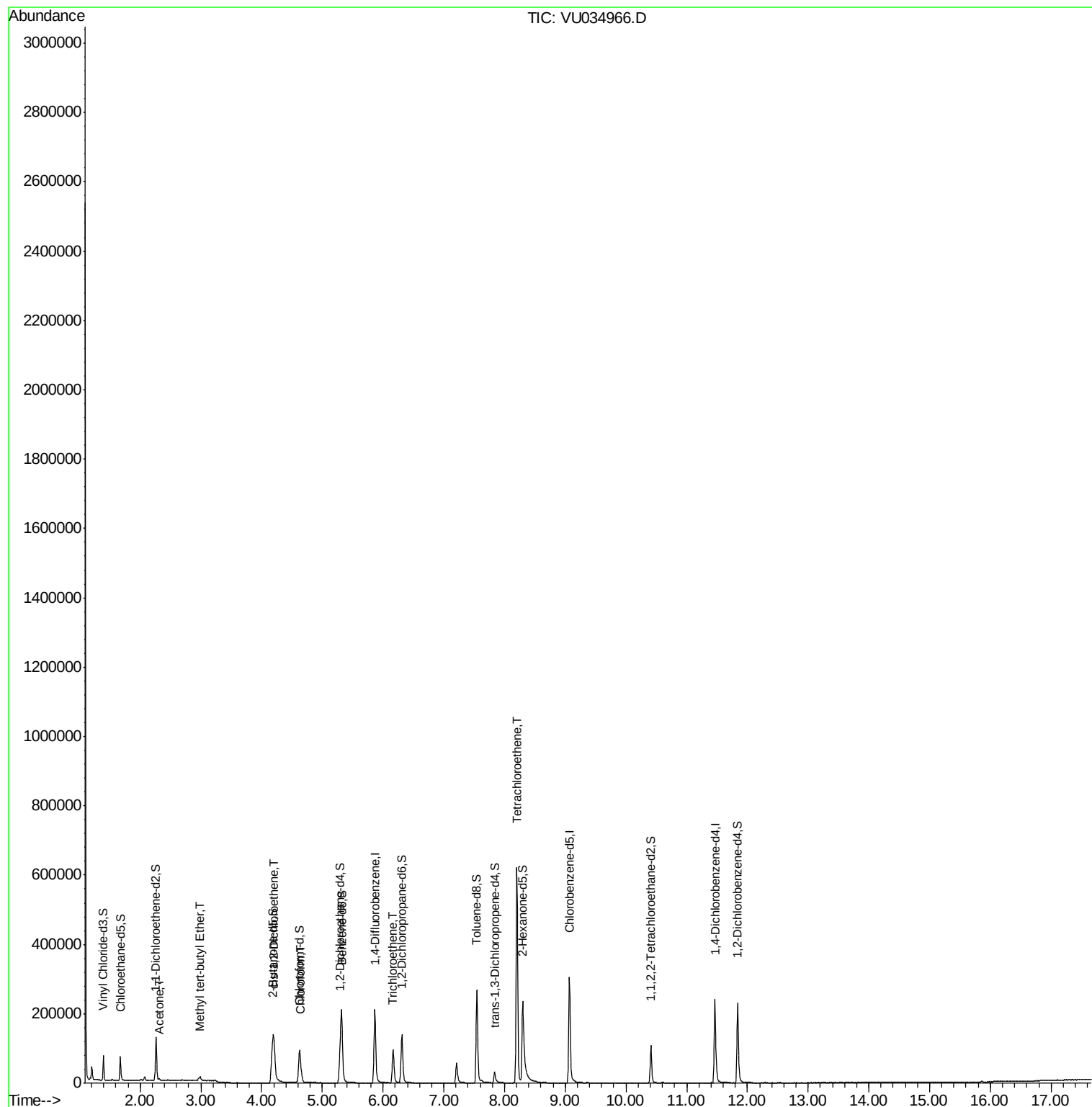
					Ovalue
13) Acetone	2.31	43	3986	1.543	ug/L 96
17) Methyl tert-butyl Ether	2.98	73	10934	0.344	ug/L 98
22) cis-1,2-Dichloroethene	4.20	96	61087	4.393	ug/L 98
25) Chloroform	4.65	83	19416	0.698	ug/L 90
34) Trichloroethene	6.16	95	35122	2.436	ug/L 93
47) Tetrachloroethene	8.21	164	137961	11.819	ug/L 99

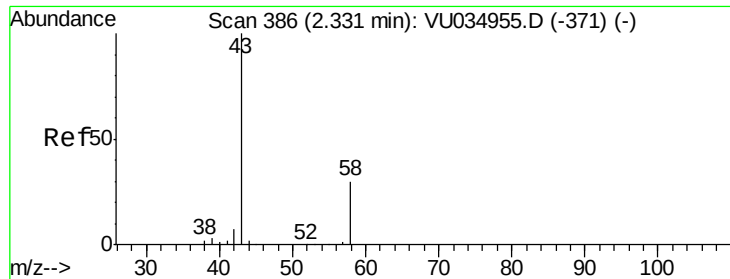
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
Data File : VU034966.D
Acq On : 07 Oct 2019 17:48
Operator : JC/SP
Sample : K5219-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-12D-001-02

Quant Time: Oct 09 04:58:16 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





#13

Acetone

Concen: 1.543 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU034966.D

Acq: 07 Oct 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

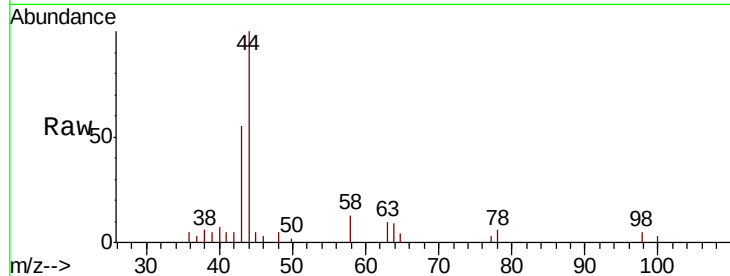
MW-12D-001-02

Tot Ion: 43 Resp: 3986

Ion Ratio Lower Upper

43 100

58 28.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034966.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU034966.D (-293) (-)

2.31

2500

2000

1500

1000

500

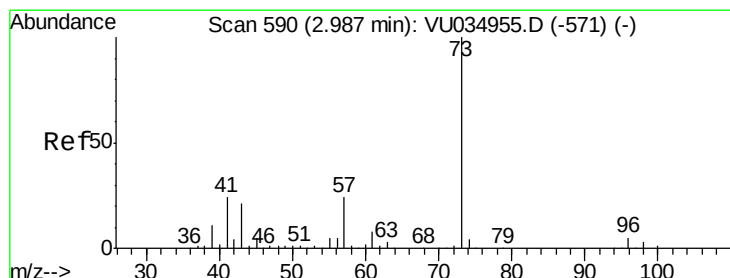
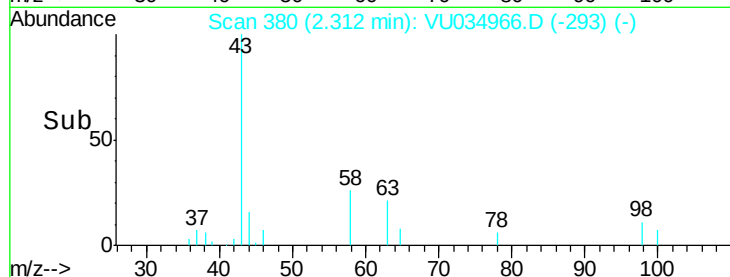
0

Time-->

2.25

2.30

2.35



#17

Methyl tert-butyl Ether

Concen: 0.344 ug/L

RT: 2.98 min Scan# 589

Delta R.T. -0.00 min

Lab File: VU034966.D

Acq: 07 Oct 2019 17:48

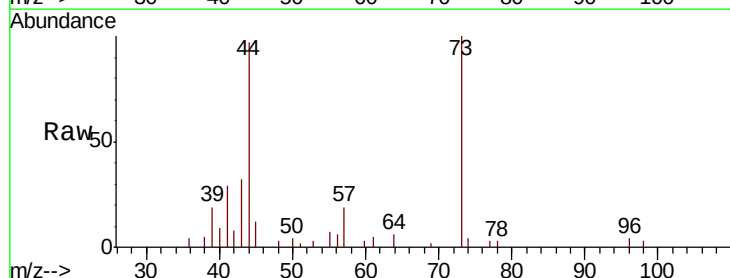
Tgt Ion: 73 Resp: 10934

Ion Ratio Lower Upper

73 100

43 22.9 17.4 26.0

57 25.1 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VU034966.D (-497) (-)

Ion 43.05 (42.75 to 43.75): VU034966.D (-497) (-)

Ion 57.10 (56.80 to 57.80): VU034966.D (-497) (-)

2.98

6000

4000

2000

0

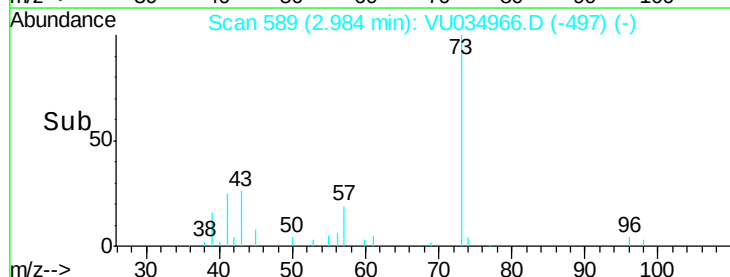
Time-->

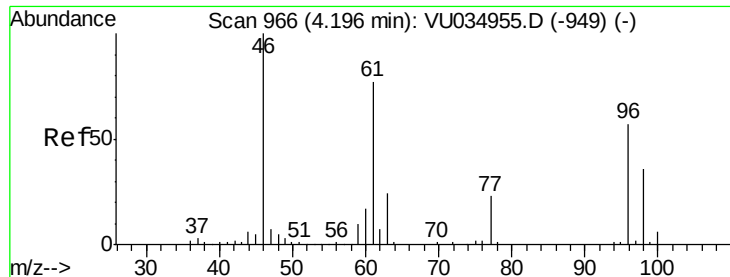
2.90

2.95

3.00

3.05



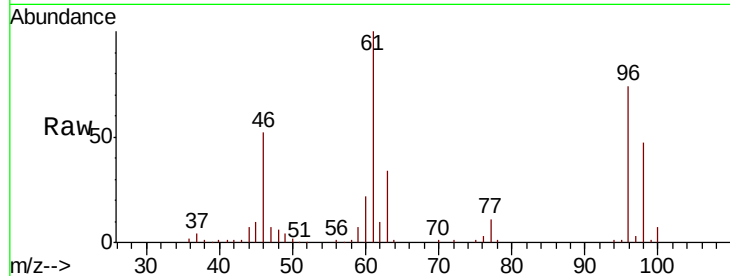


#22

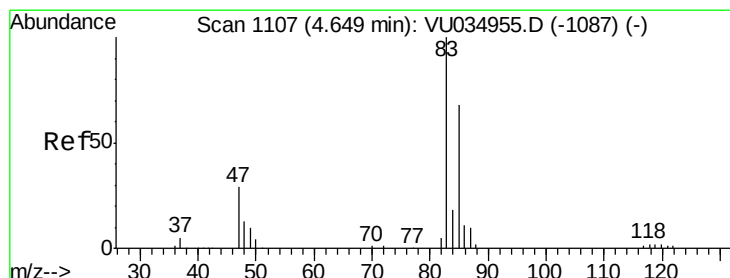
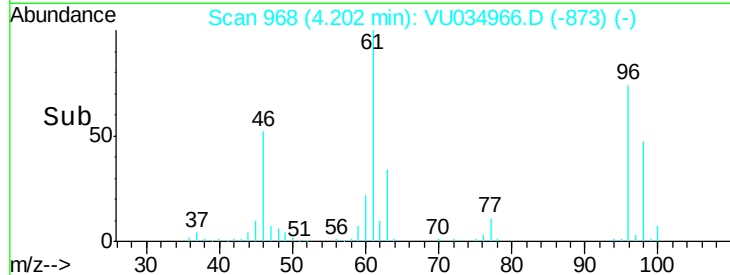
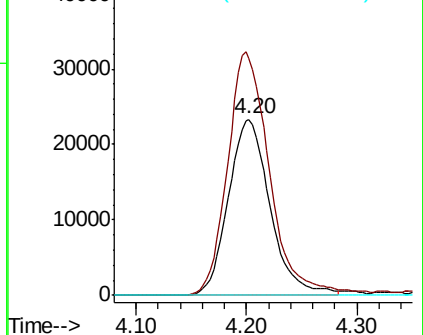
cis-1,2-Dichloroethene
 Concen: 4.393 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU034966.D
 Acq: 07 Oct 2019 17:48

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12D-001-02

Tot Ion: 96 Resp: 61087
 Ion Ratio Lower Upper
 96 100
 61 134.8 96.4 179.0
 68 0.0 0.0 0.0



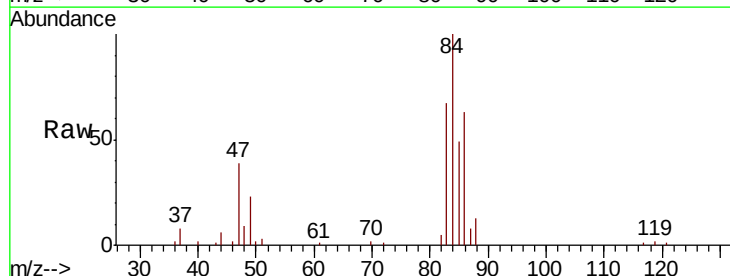
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



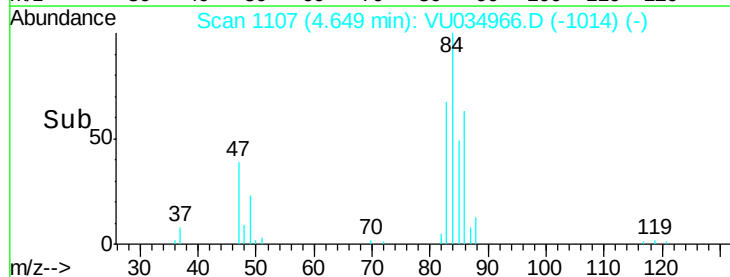
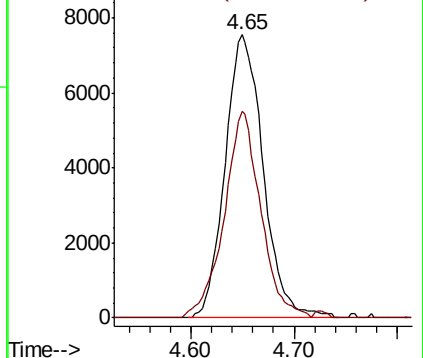
#25

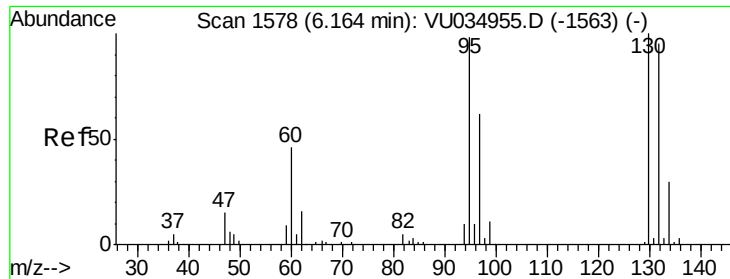
Chloroform
 Concen: 0.698 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: VU034966.D
 Acq: 07 Oct 2019 17:48

Tgt Ion: 83 Resp: 19416
 Ion Ratio Lower Upper
 83 100
 85 73.1 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: 2.436 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034966.D

Acq: 07 Oct 2019 17:48

Instrument :

MSVOA_U

ClientSampleId :

MW-12D-001-02

Tot Ion: 95 Resp: 35122

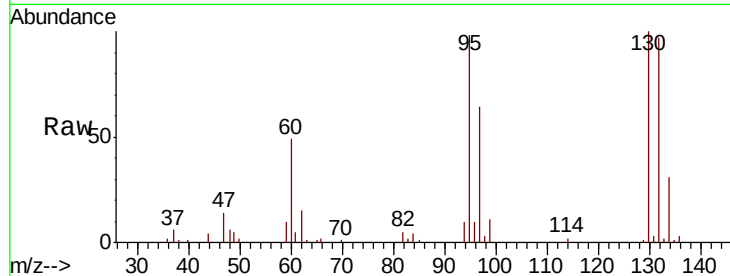
Ion Ratio Lower Upper

95 100

97 65.4 42.5 78.9

132 98.2 65.8 122.2

130 101.6 65.0 120.8

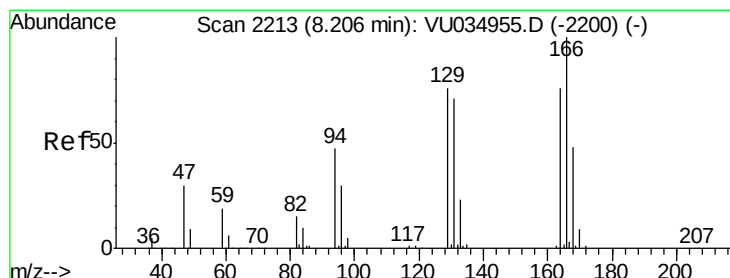
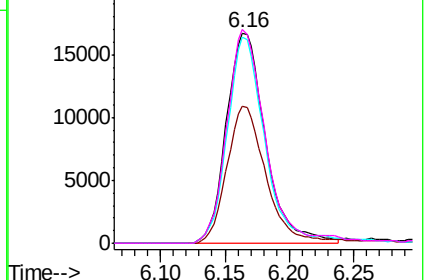
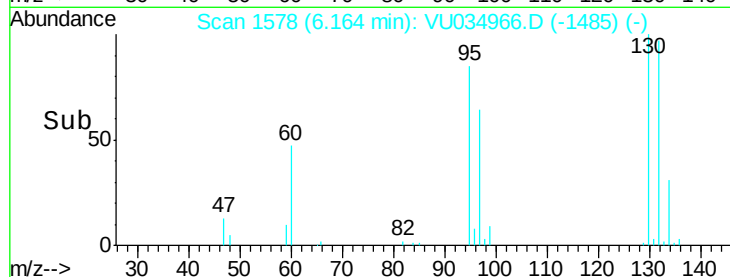


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 11.819 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034966.D

Acq: 07 Oct 2019 17:48

Tgt Ion: 164 Resp: 137961

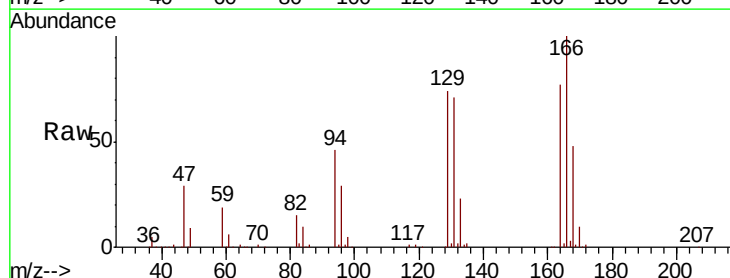
Ion Ratio Lower Upper

164 100

129 95.4 66.5 123.5

131 91.9 63.3 117.7

166 129.1 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

