

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112919\
 Data File : VU035912.D
 Acq On : 29 Nov 2019 10:55
 Operator : JC/SP
 Sample : K6056-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE19

Quant Time: Nov 30 03:36:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 30 03:20:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	316177	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	340991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101172	2.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.00%
7) Chloroethane-d5	1.93	69	101292	2.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.60%#
11) 1,1-Dichloroethene-d2	2.59	63	126290	1.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	32.80%#
20) 2-Butanone-d5	4.69	46	331167	34.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.30%
24) Chloroform-d	5.11	84	210010	3.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.00%#
26) 1,2-Dichloroethane-d4	5.75	65	116730	2.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.40%#
32) Benzene-d6	5.77	84	374701	2.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.60%#
36) 1,2-Dichloropropane-d6	6.73	67	141099	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.40%
41) Toluene-d8	7.93	98	291051	2.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.40%#
43) trans-1,3-Dichloropropene-	8.21	79	45128	2.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.80%#
46) 2-Hexanone-d5	8.68	63	240705	35.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	120221	3.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	91795	4.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.60%

Target Compounds

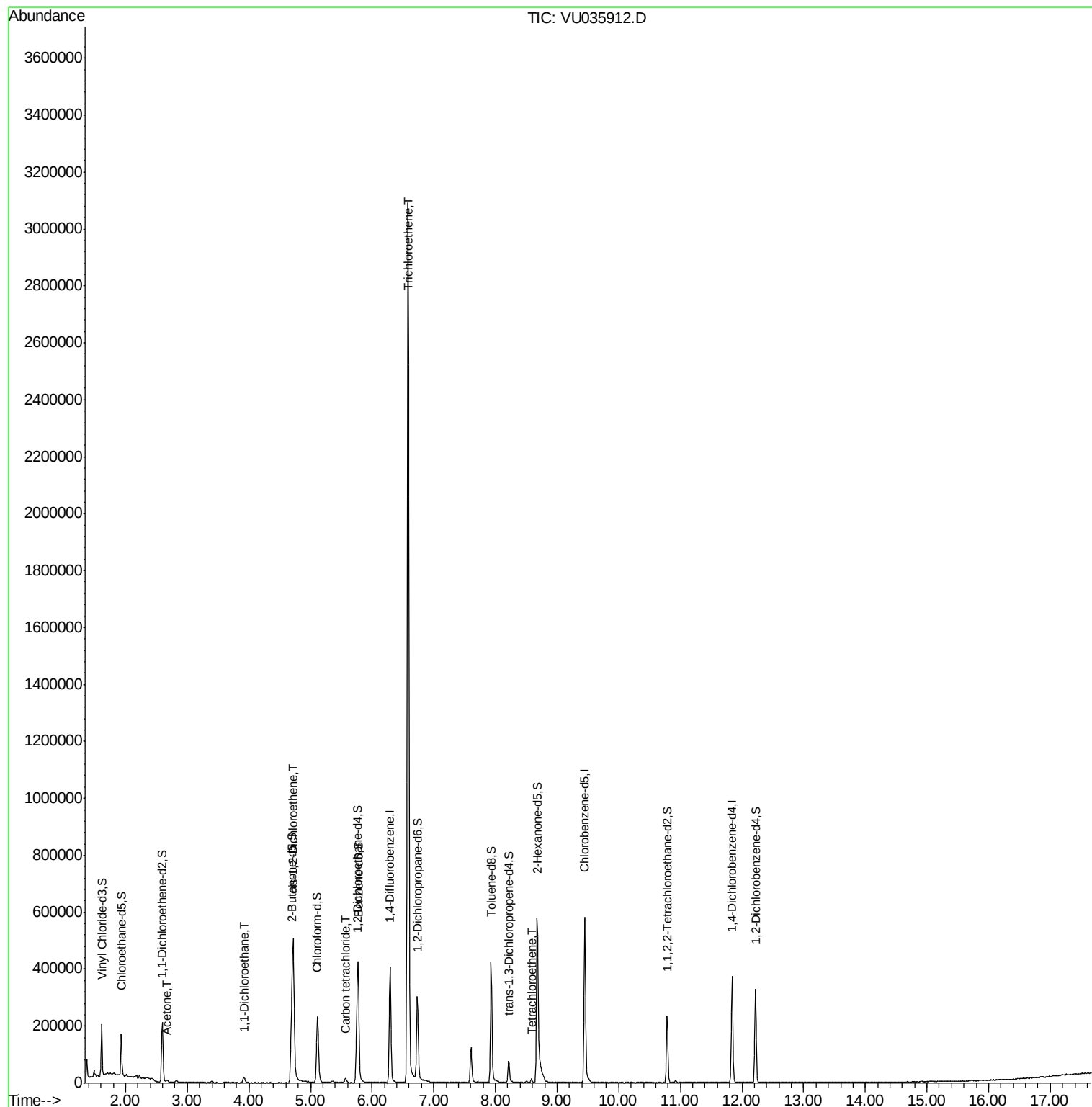
					Ovalue
13) Acetone	2.67	43	9996	1.191	ug/L 89
19) 1,1-Dichloroethane	3.92	63	22487	0.309	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	214922	5.954	ug/L 98
31) Carbon tetrachloride	5.56	117	11227	0.235	ug/L 98
34) Trichloroethene	6.58	95	1082257	31.012	ug/L 98
47) Tetrachloroethene	8.59	164	3125	0.118	ug/L 90

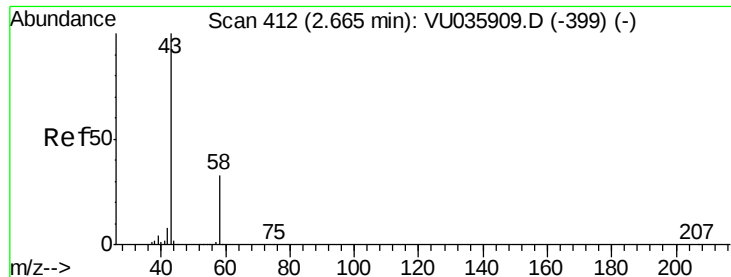
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 30 03:20:00 2019
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#13

Acetone

Concen: 1.191 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU035912.D

Acq: 29 Nov 2019 10:55

Instrument :

MSVOA_U

ClientSampled :

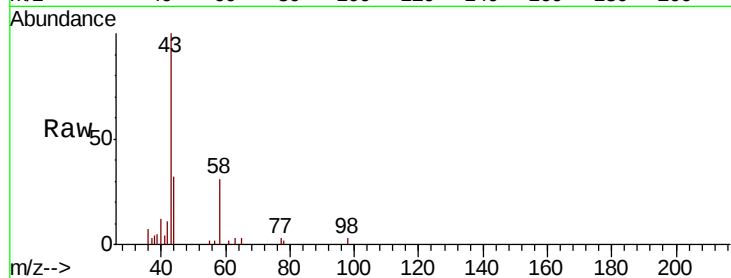
BFE19

Tot Ion: 43 Resp: 9996

Ion Ratio Lower Upper

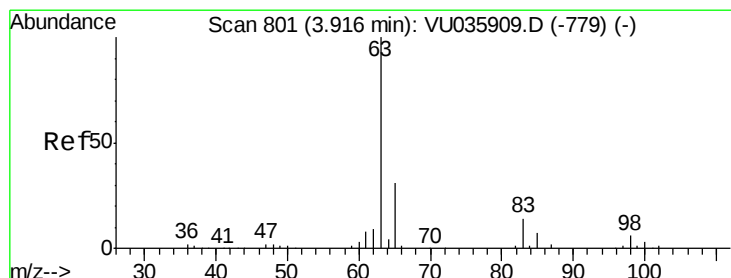
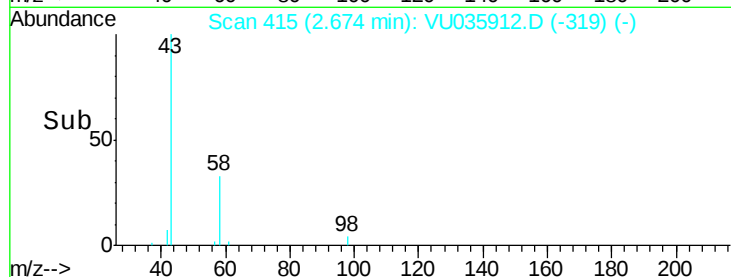
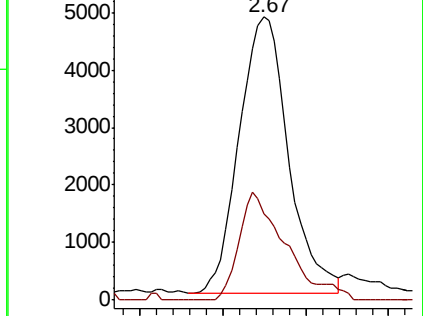
43 100

58 36.8 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035912.D (-319) (-)

Ion 58.05 (57.75 to 58.75): VU035912.D (-319) (-)



#19

1,1-Dichloroethane

Concen: 0.309 ug/L

RT: 3.92 min Scan# 803

Delta R.T. 0.01 min

Lab File: VU035912.D

Acq: 29 Nov 2019 10:55

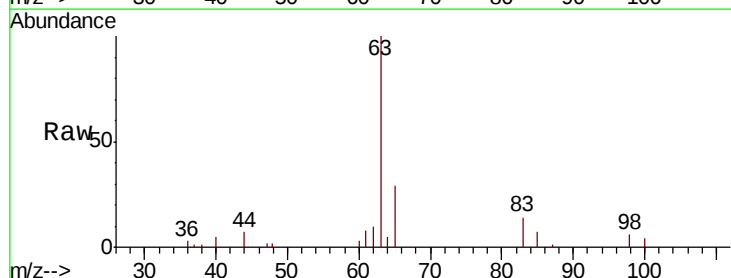
Tgt Ion: 63 Resp: 22487

Ion Ratio Lower Upper

63 100

65 29.0 21.8 40.4

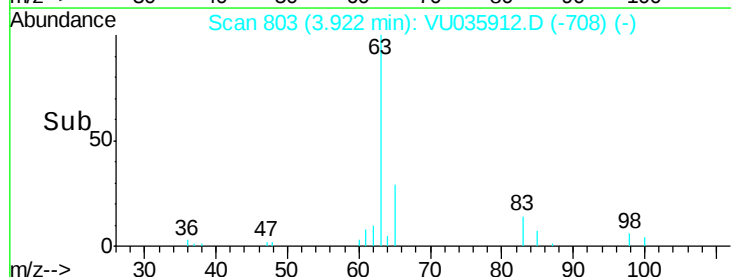
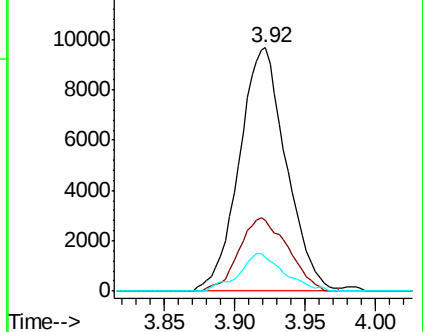
83 14.0 8.6 16.0

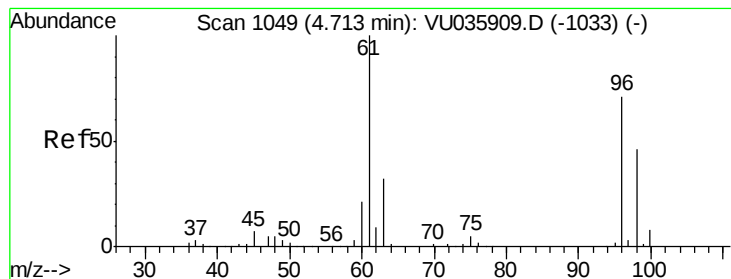


Abundance Ion 63.10 (62.80 to 63.80): VU035912.D (-708) (-)

Ion 65.10 (64.80 to 65.80): VU035912.D (-708) (-)

Ion 83.05 (82.75 to 83.75): VU035912.D (-708) (-)





#22

cis-1,2-Dichloroethene

Concen: 5.954 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VU035912.D

Acq: 29 Nov 2019 10:55

Instrument :

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ClientSampleId :

BFE19

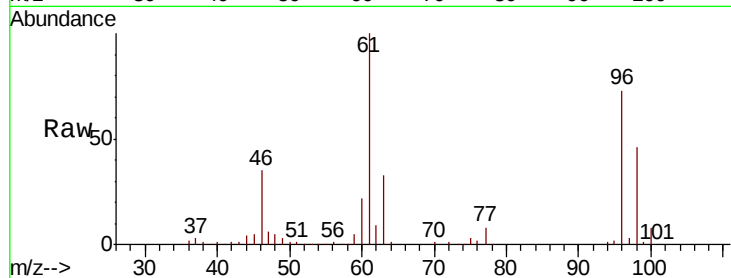
Tot Ion: 96 Resp: 214922

Ion Ratio Lower Upper

96 100

61 137.2 98.1 182.1

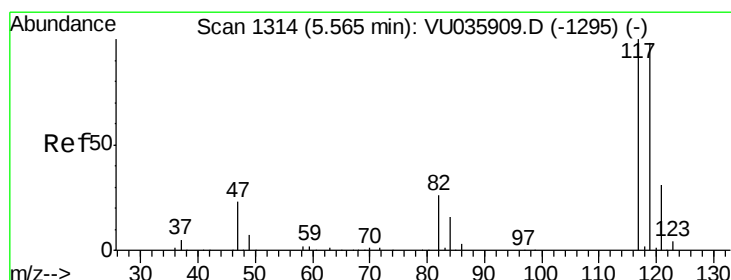
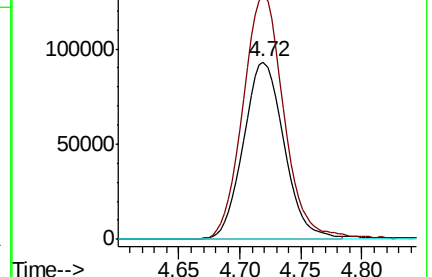
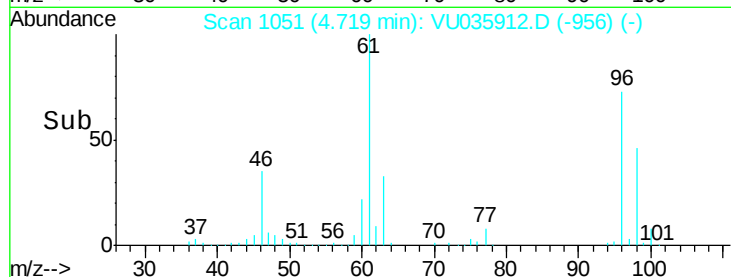
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035912.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU035912.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU035912.D (-956) (-)



#31

Carbon tetrachloride

Concen: 0.235 ug/L

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035912.D

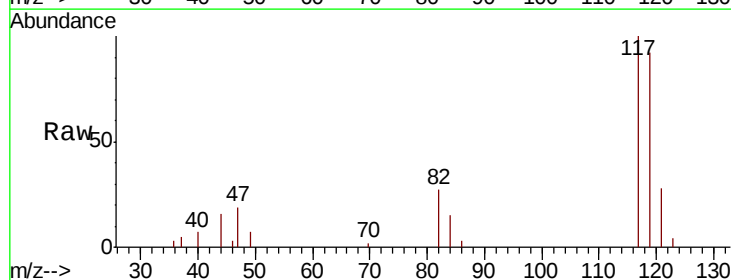
Acq: 29 Nov 2019 10:55

Tgt Ion: 117 Resp: 11227

Ion Ratio Lower Upper

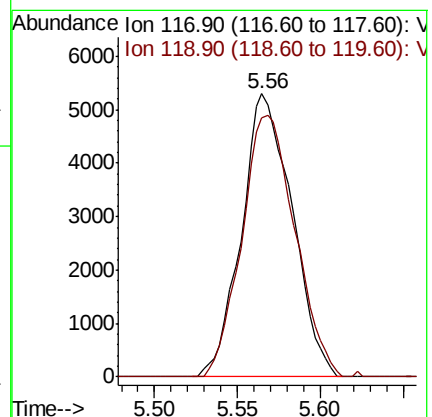
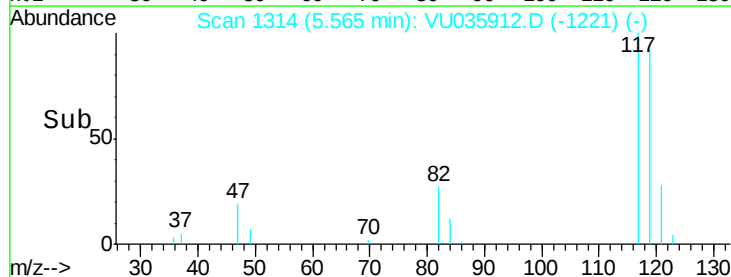
117 100

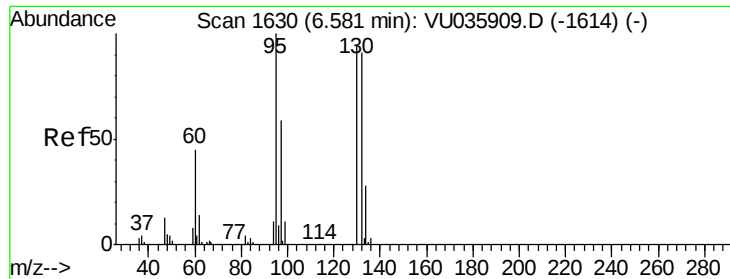
119 97.2 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): VU035912.D (-1221) (-)

Ion 118.90 (118.60 to 119.60): VU035912.D (-1221) (-)





#34

Trichloroethene

Concen: 31.012 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035912.D

Acq: 29 Nov 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

BFE19

Tot Ion: 95 Resp: 1082257

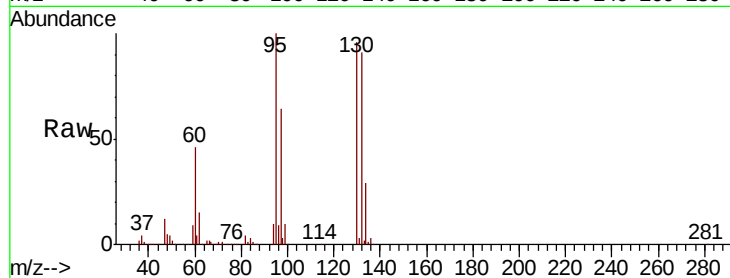
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.9

132 91.5 61.9 114.9

130 95.6 66.3 123.1

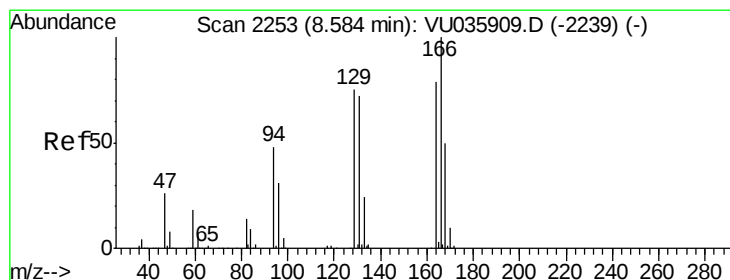
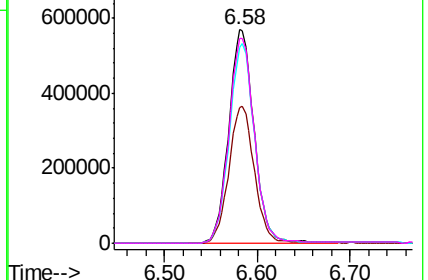
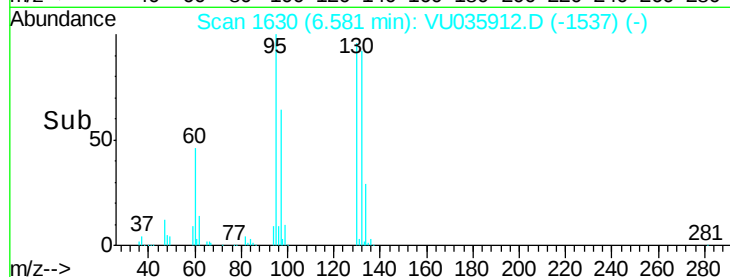


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.118 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU035912.D

Acq: 29 Nov 2019 10:55

Tgt Ion: 164 Resp: 3125

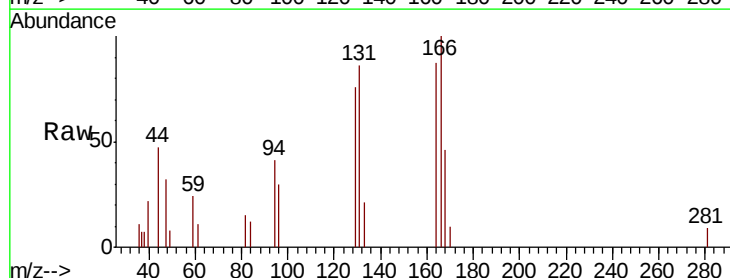
Ion Ratio Lower Upper

164 100

129 87.1 68.8 127.8

131 98.8 67.3 124.9

166 114.4 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

