

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036118.D
 Acq On : 11 Dec 2019 06:13
 Operator : JC/MD
 Sample : K6214-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BD809

Quant Time: Dec 11 07:48:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 07:30:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	280429	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	317765	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81831	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	119155	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	113474	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	127524	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.69	46	236307	55.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.96%
24) Chloroform-d	5.11	84	197695	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.75	65	103599	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	359089	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.73	67	122021	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	289702	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.21	79	42020	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.68	63	178168	48.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	107605	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	76268	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

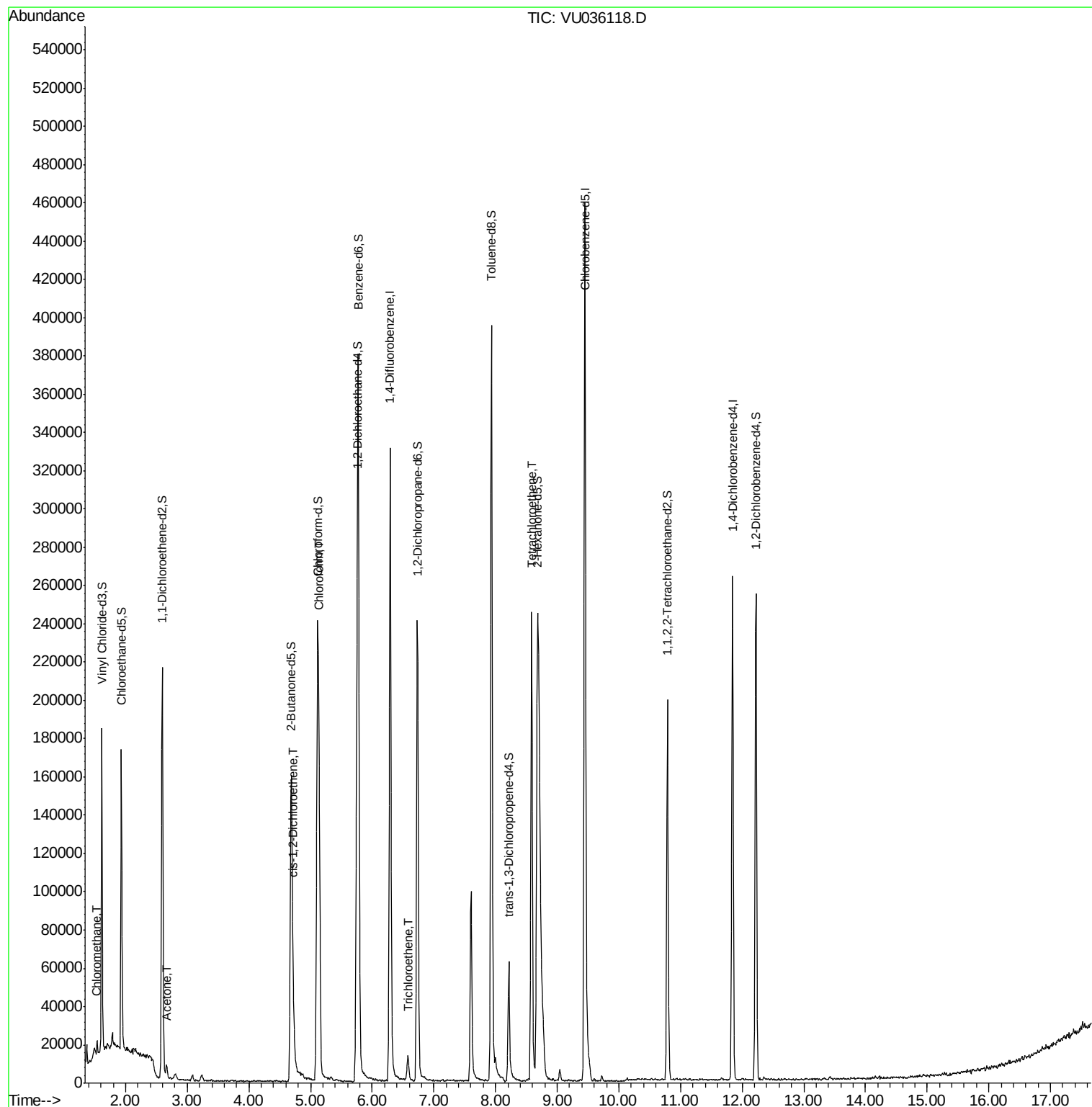
					Ovalue
3) Chloromethane	1.54	50	5596	0.208	ug/L 95
13) Acetone	2.66	43	6757	1.250	ug/L 95
22) cis-1,2-Dichloroethene	4.72	96	11822	0.541	ug/L 92
25) Chloroform	5.14	83	121175	2.909	ug/L 98
34) Trichloroethene	6.58	95	4029	0.175	ug/L 94
47) Tetrachloroethene	8.58	164	63077	2.877	ug/L 95

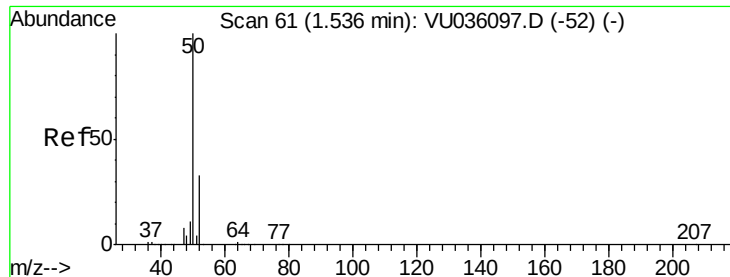
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.208 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036118.D

Acq: 11 Dec 2019 06:13

Instrument :

MSVOA_U

ClientSampleId :

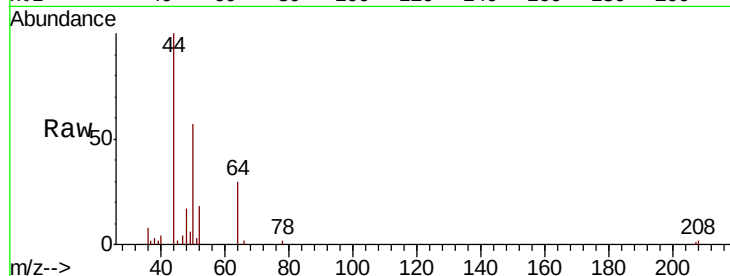
BD809

Tot Ion: 50 Resp: 5596

Ion Ratio Lower Upper

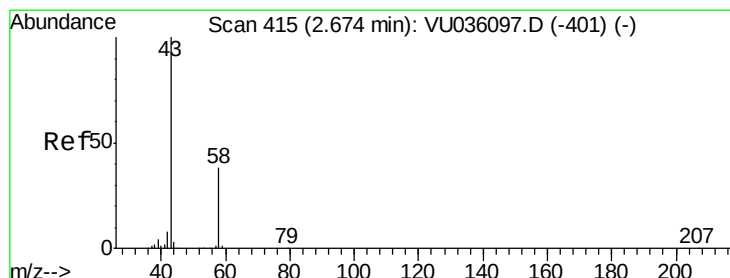
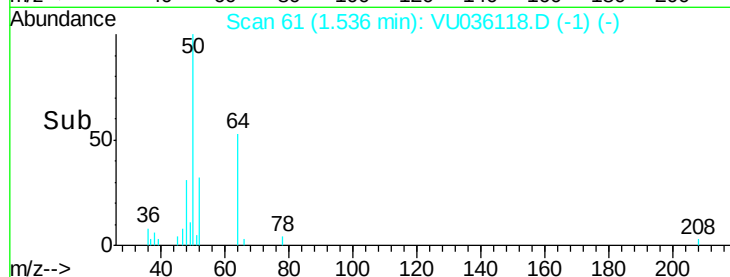
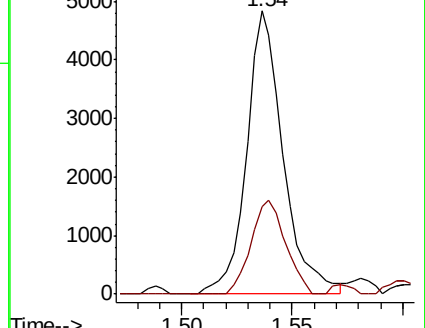
50 100

52 30.8 23.6 43.8



Abundance Ion 50.05 (49.75 to 50.75): VU036118.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU036118.D (-1) (-)



#13

Acetone

Concen: 1.250 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036118.D

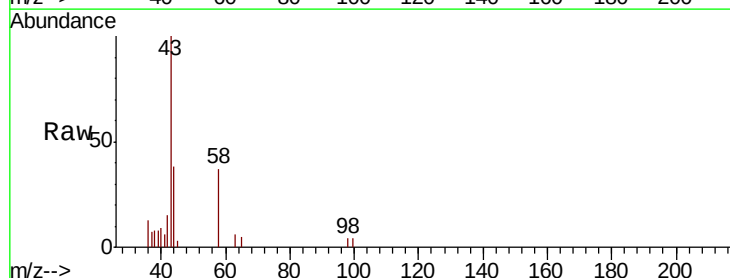
Acq: 11 Dec 2019 06:13

Tgt Ion: 43 Resp: 6757

Ion Ratio Lower Upper

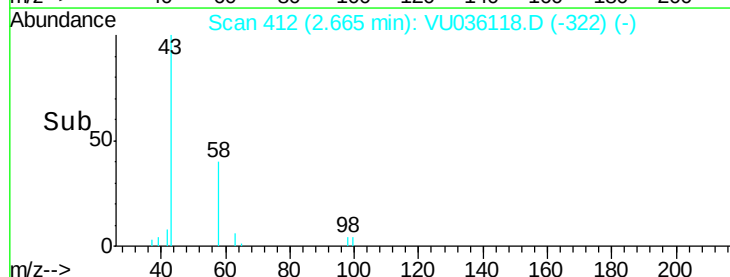
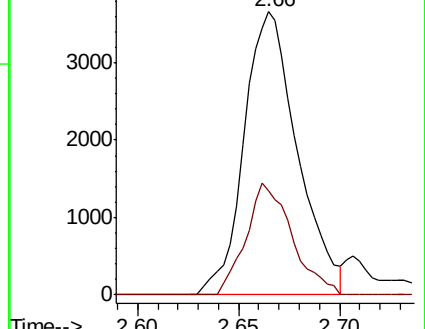
43 100

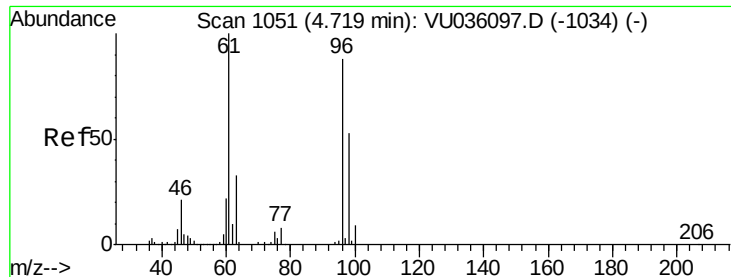
58 34.0 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036118.D (-322) (-)

Ion 58.05 (57.75 to 58.75): VU036118.D (-322) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.541 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU036118.D

Acq: 11 Dec 2019 06:13

Instrument :

MSVOA_U

ClientSampleId :

BD809

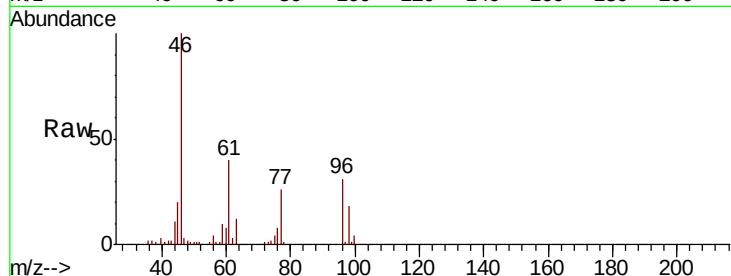
Tot Ion: 96 Resp: 11822

Ion Ratio Lower Upper

96 100

61 127.8 83.0 154.2

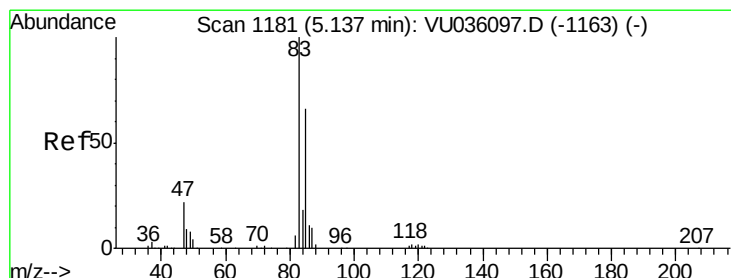
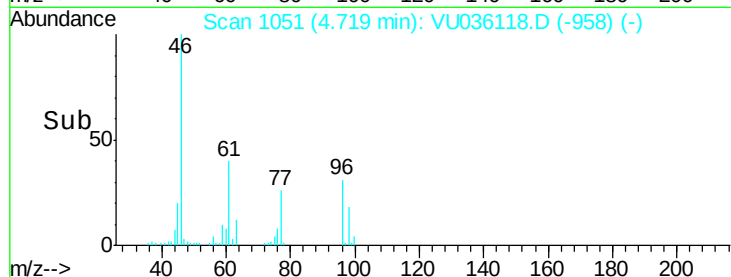
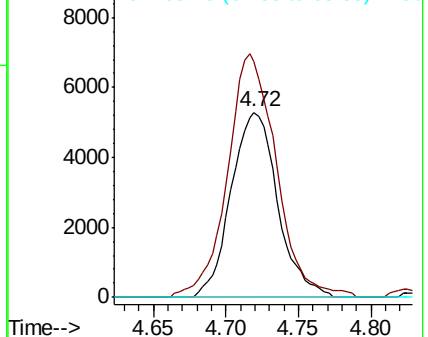
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036118.D (-958) (-)

Ion 61.05 (60.75 to 61.75): VU036118.D (-958) (-)

Ion 68.15 (67.85 to 68.85): VU036118.D (-958) (-)



#25

Chloroform

Concen: 2.909 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036118.D

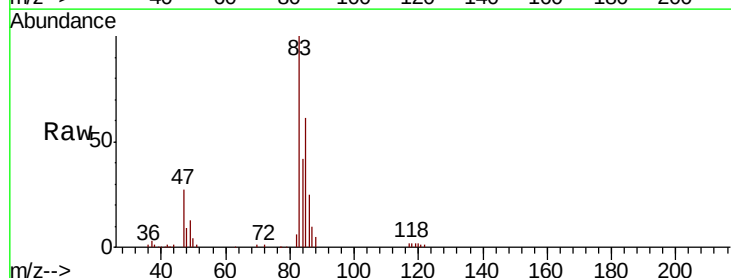
Acq: 11 Dec 2019 06:13

Tgt Ion: 83 Resp: 121175

Ion Ratio Lower Upper

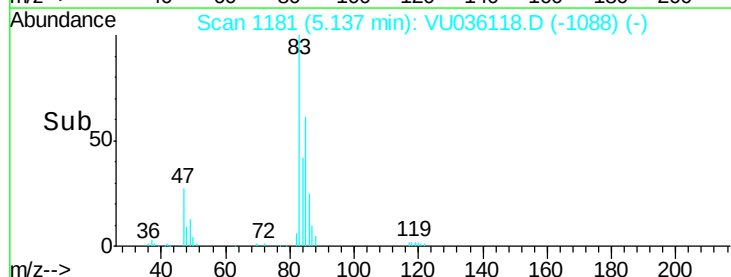
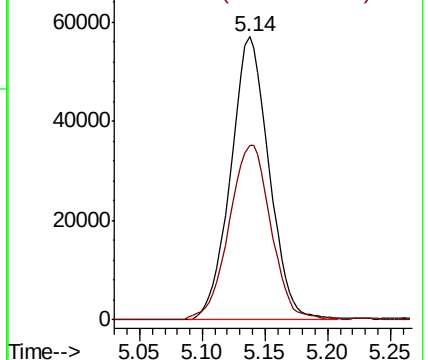
83 100

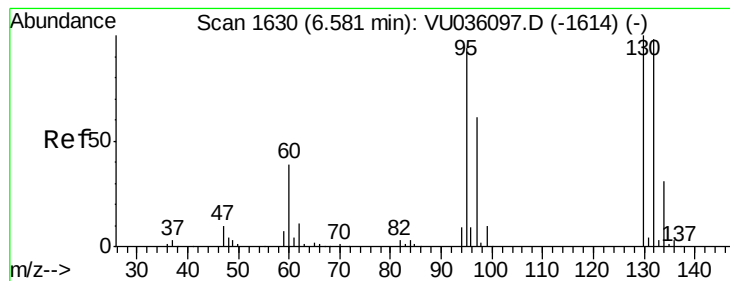
85 61.5 43.9 81.5



Abundance Ion 83.05 (82.75 to 83.75): VU036118.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU036118.D (-1088) (-)





#34

Trichloroethene

Concen: 0.175 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU036118.D

Acq: 11 Dec 2019 06:13

Instrument :

MSVOA_U

ClientSampleId :

BD809

Tot Ion: 95 Resp: 4029

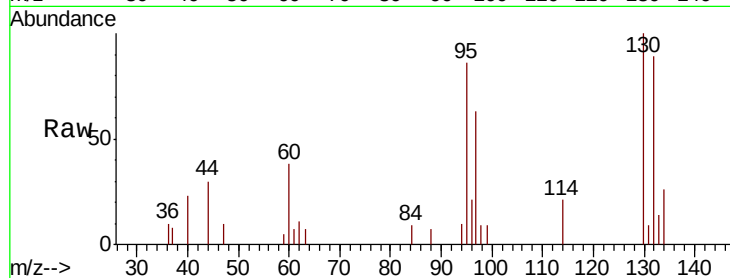
Ion Ratio Lower Upper

95 100

97 73.3 44.4 82.4

132 103.1 73.4 136.4

130 116.0 75.9 141.1

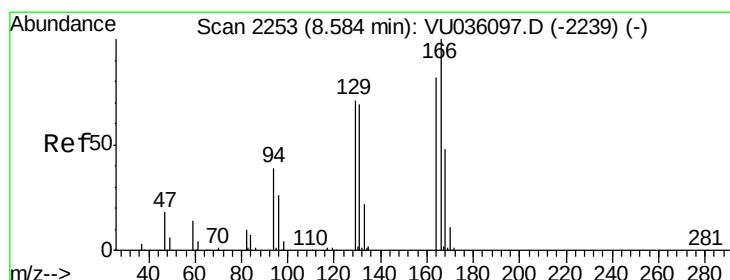
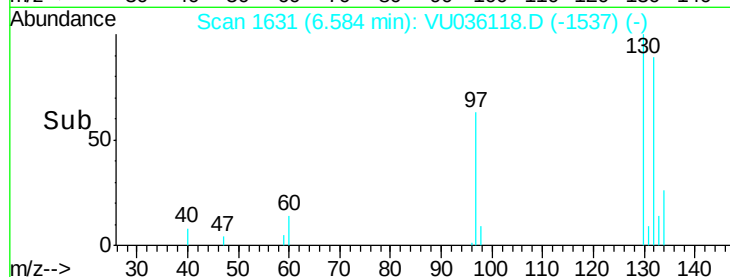
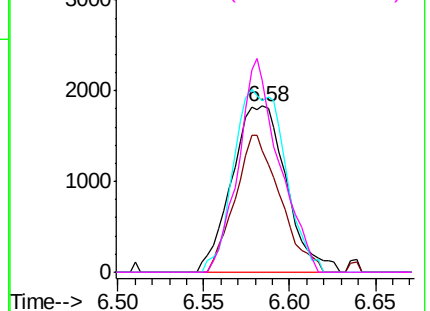


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.877 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036118.D

Acq: 11 Dec 2019 06:13

Tgt Ion:164 Resp: 63077

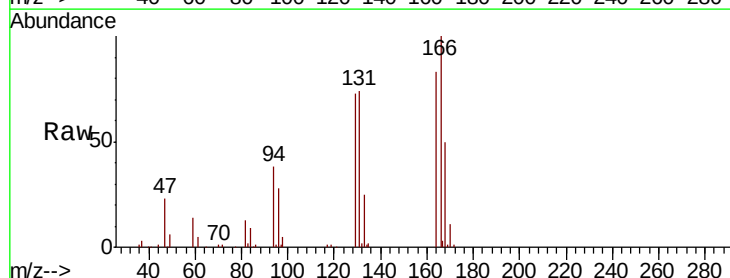
Ion Ratio Lower Upper

164 100

129 87.8 63.1 117.3

131 89.3 61.5 114.1

166 119.9 91.0 169.0



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

