

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036076.D
 Acq On : 10 Dec 2019 11:46
 Operator : JC/MD
 Sample : K6168-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE47

Quant Time: Dec 11 06:49:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 11 06:27:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	287542	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	316961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	96150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	157886	6.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.20%
7) Chloroethane-d5	1.93	69	136677	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.59	63	184970	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.69	46	270748	62.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.00%
24) Chloroform-d	5.11	84	226354	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.75	65	119159	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.77	84	438373	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.73	67	139813	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.93	98	344939	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.21	79	37399	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.68	63	194194	53.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	120311	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	110161	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

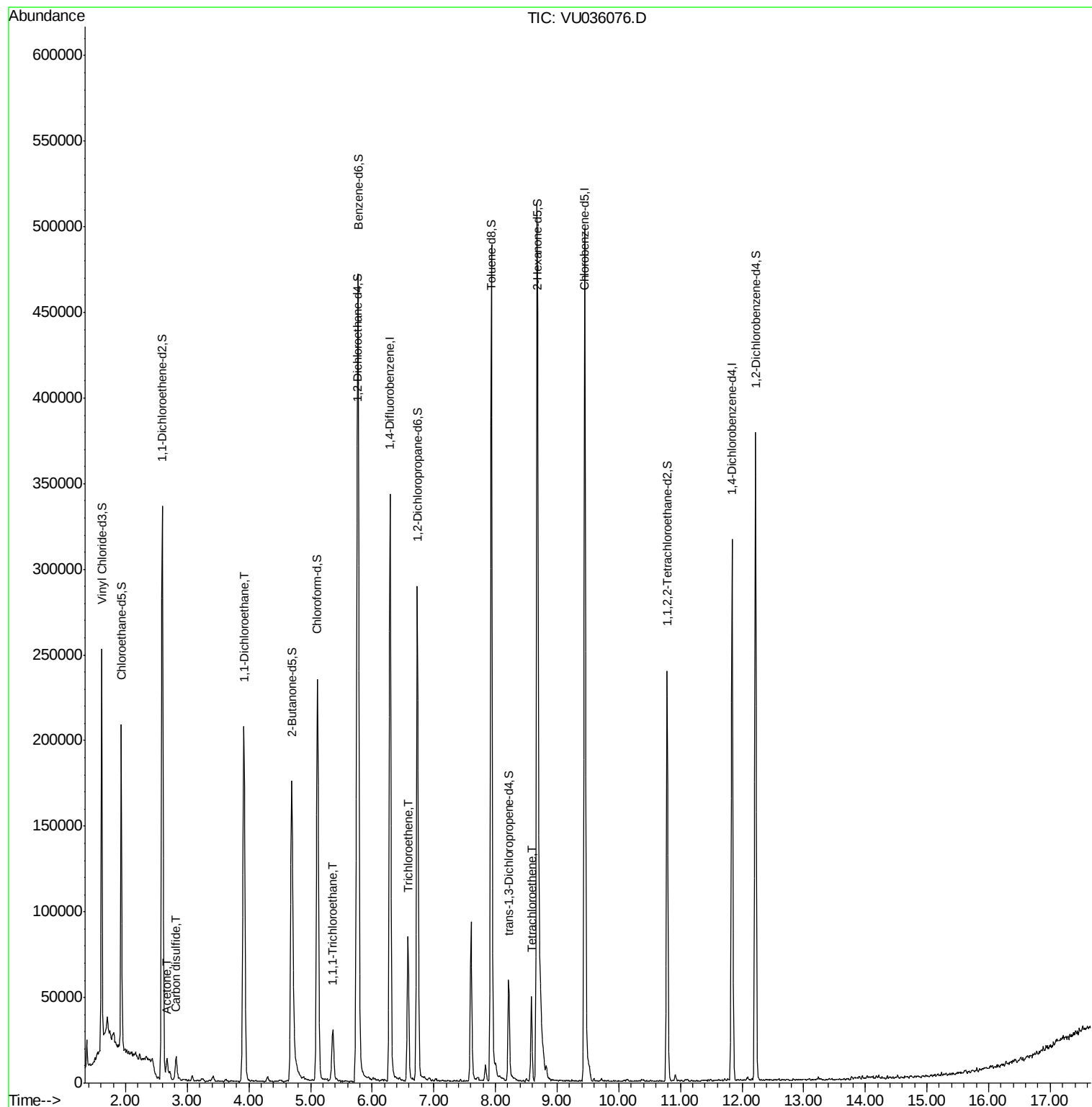
					Ovalue
13) Acetone	2.67	43	13371	2.412 ug/L	97
14) Carbon disulfide	2.83	76	5052	0.070 ug/L	97
19) 1,1-Dichloroethane	3.92	63	237377	6.194 ug/L	99
29) 1,1,1-Trichloroethane	5.37	97	21746	0.609 ug/L	99
34) Trichloroethene	6.58	95	27768	1.207 ug/L	97
47) Tetrachloroethene	8.58	164	11773	0.538 ug/L	95

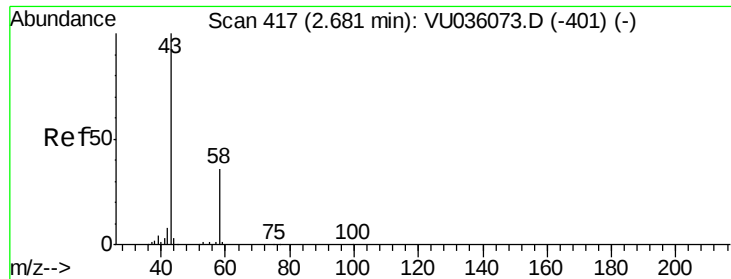
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.412 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU036076.D

Acq: 10 Dec 2019 11:46

Instrument :

MSVOA_U

ClientSampleId :

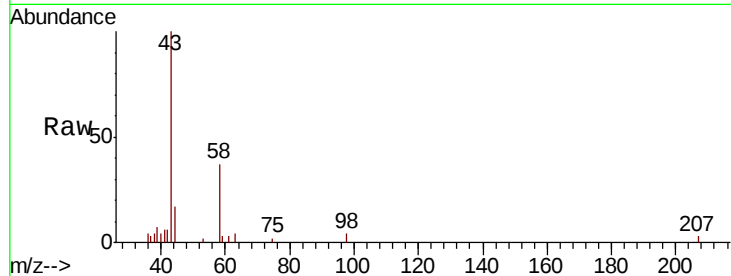
BFE47

Tot Ion: 43 Resp: 13371

Ion Ratio Lower Upper

43 100

58 39.2 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036076.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036076.D (-324) (-)

8000

6000

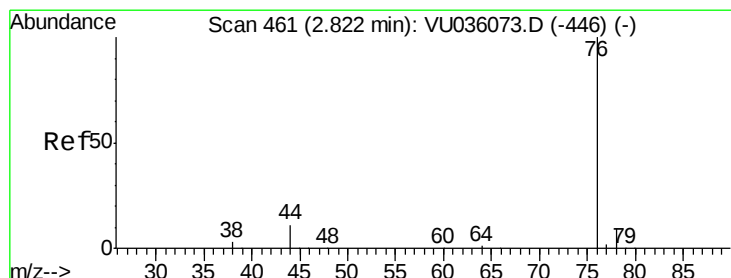
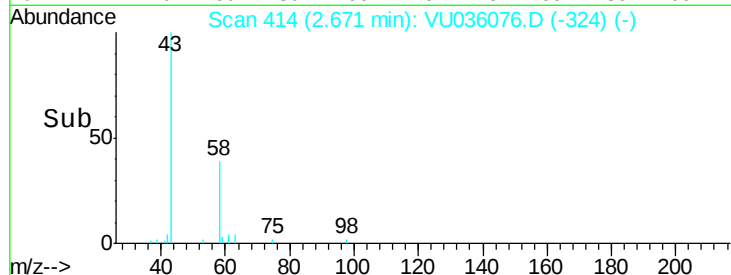
4000

2000

0

2.60 2.65 2.70

Time-->



#14

Carbon disulfide

Concen: 0.070 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036076.D

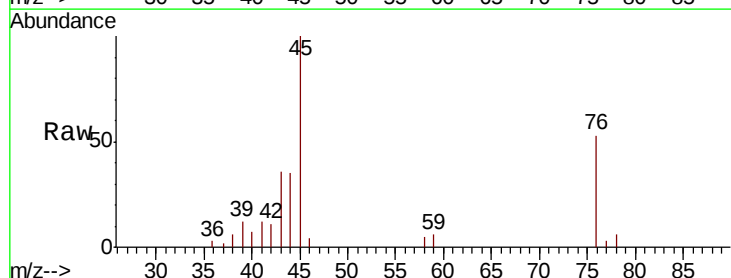
Acq: 10 Dec 2019 11:46

Tgt Ion: 76 Resp: 5052

Ion Ratio Lower Upper

76 100

78 10.6 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VU036076.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036076.D (-368) (-)

3000

2500

2000

1500

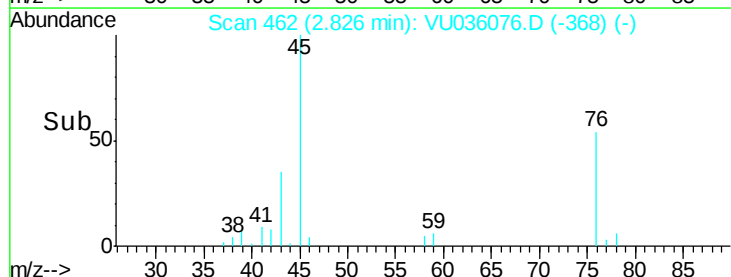
1000

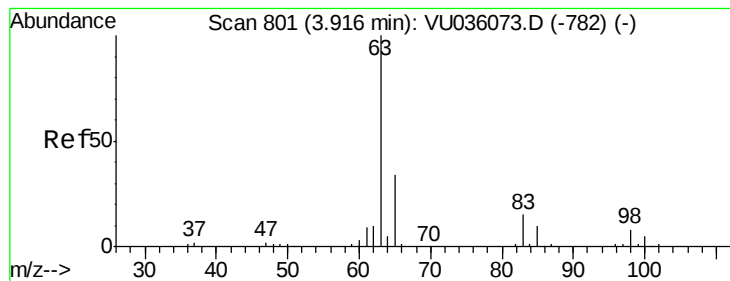
500

0

2.75 2.80 2.85

Time-->





#19

1,1-Dichloroethane

Concen: 6.194 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036076.D

Acq: 10 Dec 2019 11:46

Instrument :

MSVOA_U

ClientSampleId :

BFE47

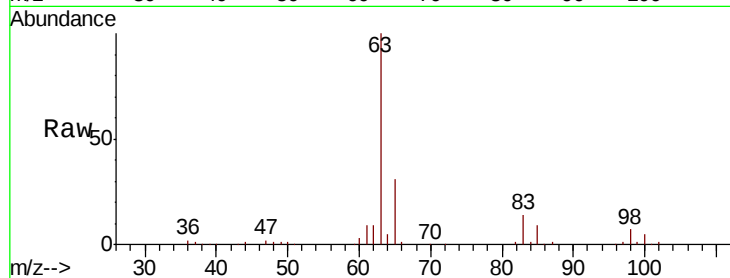
Tot Ion: 63 Resp: 237377

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

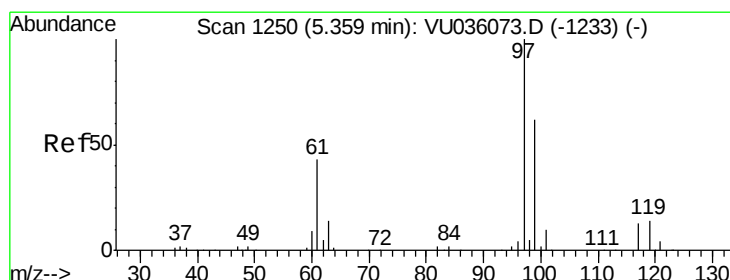
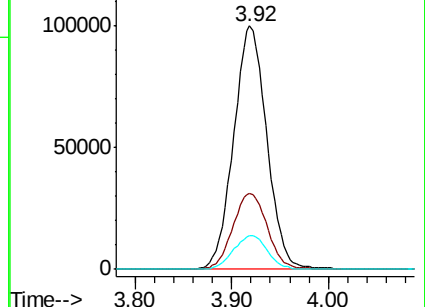
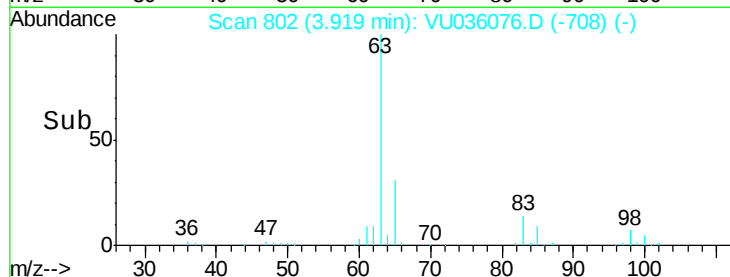
83 13.7 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VU036073.D (-782) (-)

Ion 65.10 (64.80 to 65.80): VU036073.D (-782) (-)

Ion 83.05 (82.75 to 83.75): VU036073.D (-782) (-)



#29

1,1,1-Trichloroethane

Concen: 0.609 ug/L

RT: 5.37 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VU036076.D

Acq: 10 Dec 2019 11:46

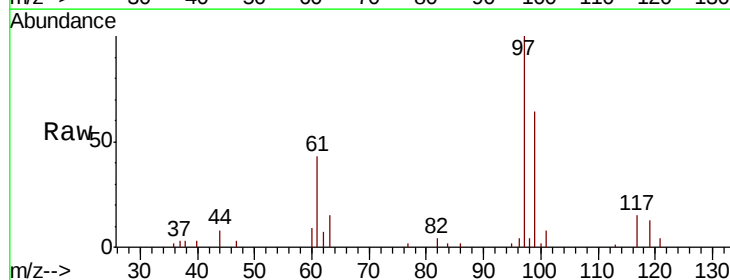
Tgt Ion: 97 Resp: 21746

Ion Ratio Lower Upper

97 100

99 66.0 52.2 78.2

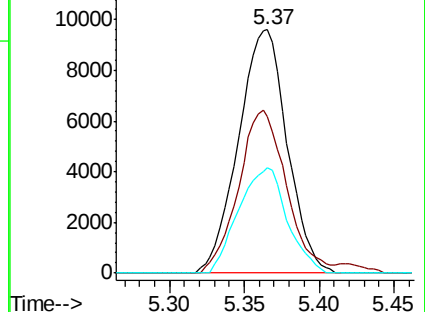
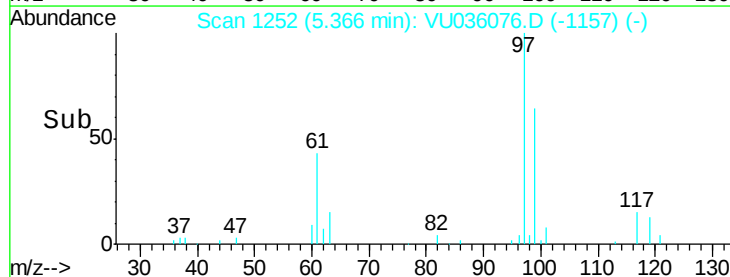
61 43.1 34.7 52.1

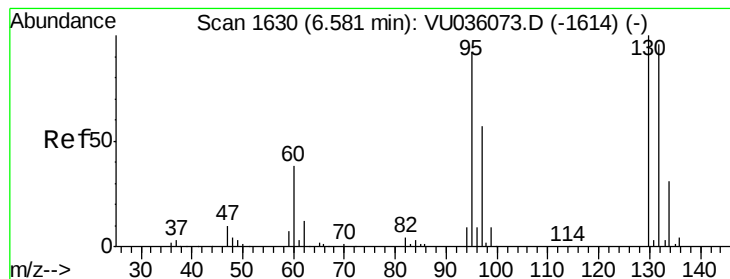


Abundance Ion 96.95 (96.65 to 97.65): VU036073.D (-1233) (-)

Ion 99.05 (98.75 to 99.75): VU036073.D (-1233) (-)

Ion 61.05 (60.75 to 61.75): VU036073.D (-1233) (-)





#34

Trichloroethene

Concen: 1.207 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036076.D

Acq: 10 Dec 2019 11:46

Instrument :

MSVOA_U

ClientSampleId :

BFE47

Tot Ion: 95 Resp: 27768

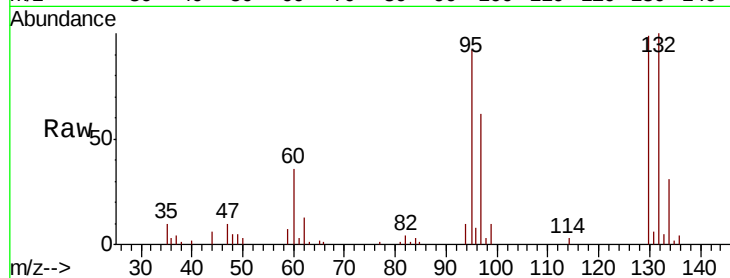
Ion Ratio Lower Upper

95 100

97 66.9 44.4 82.4

132 108.5 73.4 136.4

130 107.5 75.9 141.1

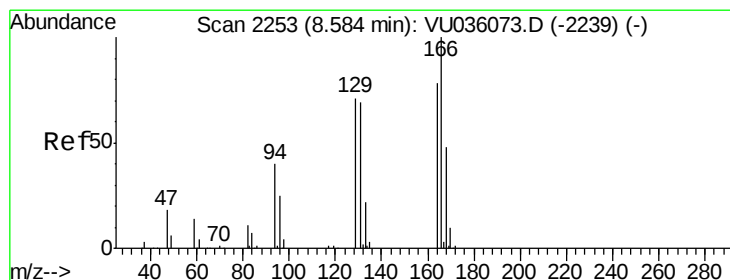
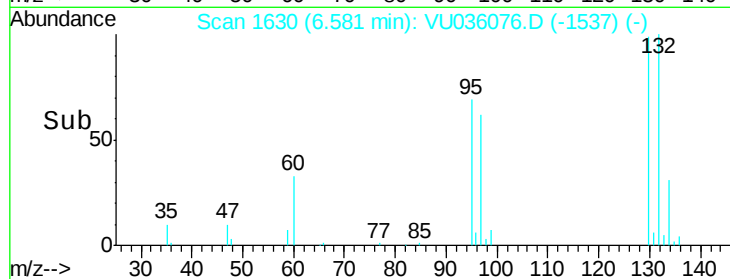
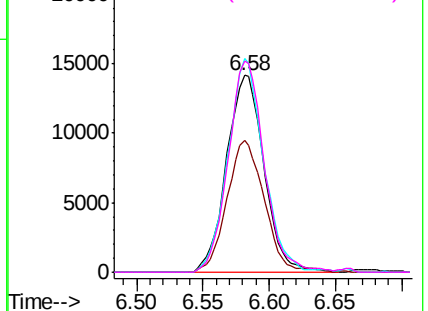


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.538 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036076.D

Acq: 10 Dec 2019 11:46

Tgt Ion:164 Resp: 11773

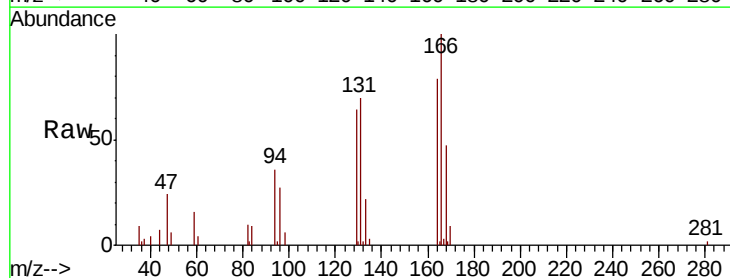
Ion Ratio Lower Upper

164 100

129 80.1 63.1 117.3

131 88.8 61.5 114.1

166 125.9 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

