

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036287.D
 Acq On : 19 Dec 2019 16:59
 Operator : JC/MD
 Sample : K6282-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW2

Quant Time: Dec 20 04:04:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 03:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258892	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	283290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	114490	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	106010	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.60	63	118936	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.68	46	187020	43.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.58%
24) Chloroform-d	5.11	84	169540	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.75	65	91258	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.77	84	326596	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.73	67	106873	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	265386	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.21	79	39374	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.68	63	160124	45.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.72%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	91137	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	81371	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

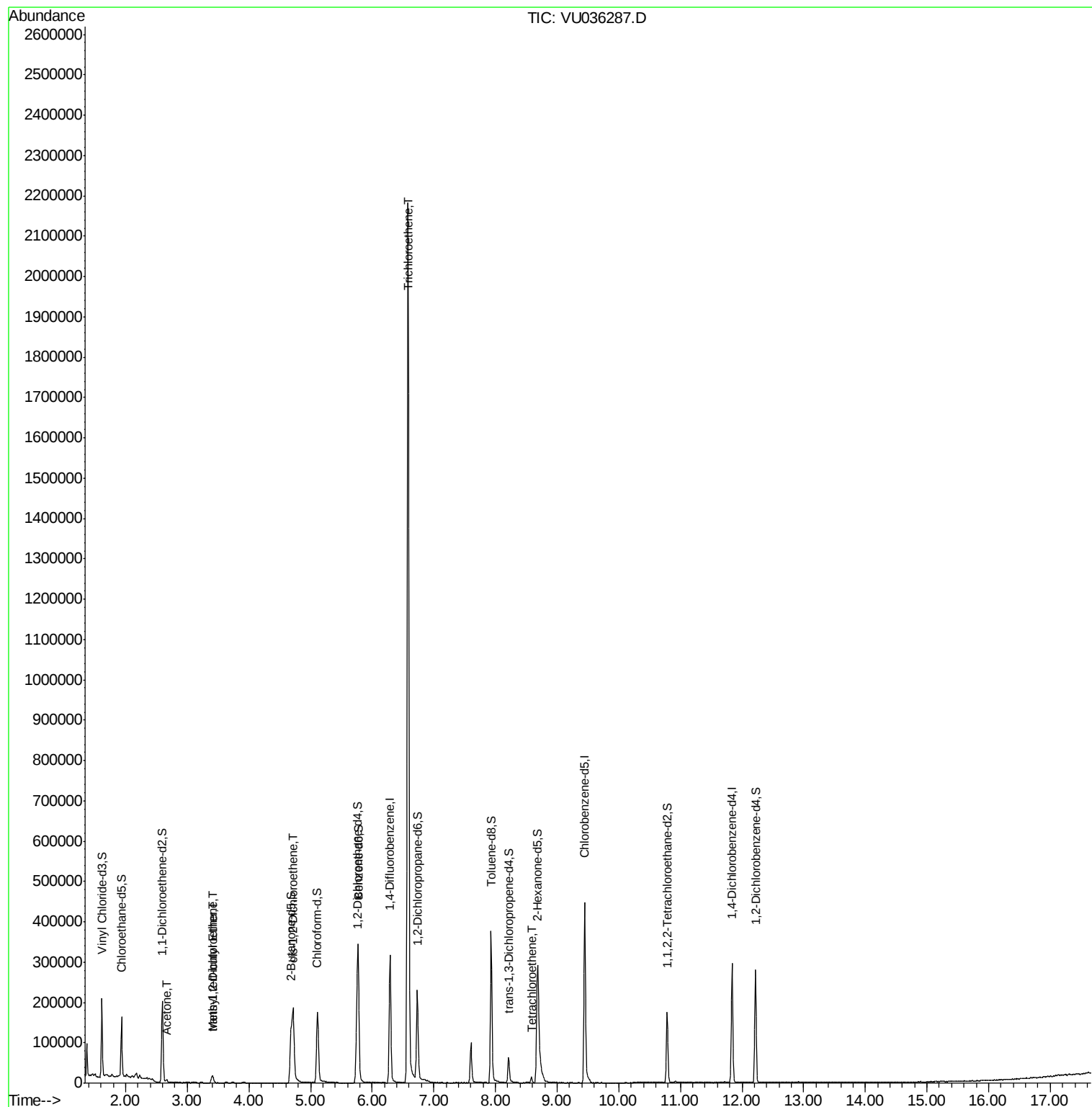
					Ovalue
13) Acetone	2.66	43	6842	1.838	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	13408	0.326	ug/L 99
18) trans-1,2-Dichloroethene	3.40	96	3831	0.190	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	84607	3.921	ug/L 99
34) Trichloroethene	6.58	95	751882	33.498	ug/L 98
47) Tetrachloroethene	8.59	164	3467	0.171	ug/L 74

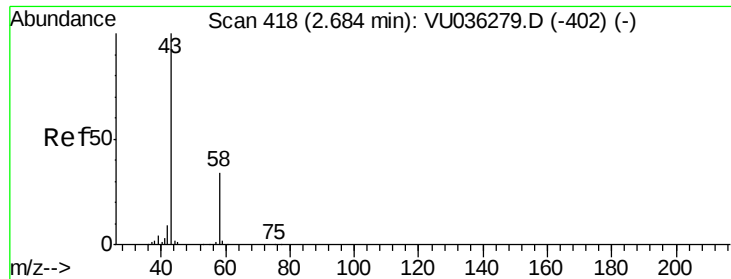
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.838 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036287.D

Acq: 19 Dec 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

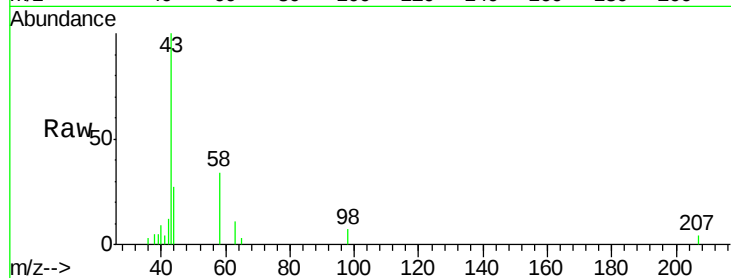
BFDW2

Tot Ion: 43 Resp: 6842

Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036287.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU036287.D (-325) (-)

2.66

4000

3000

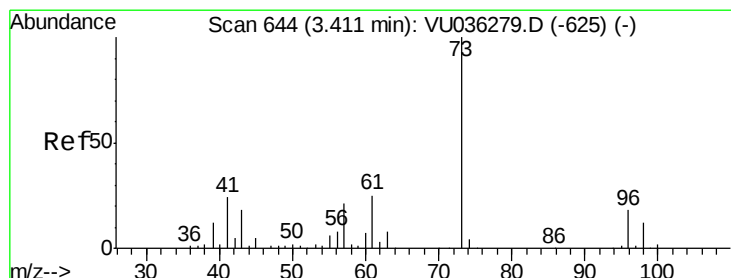
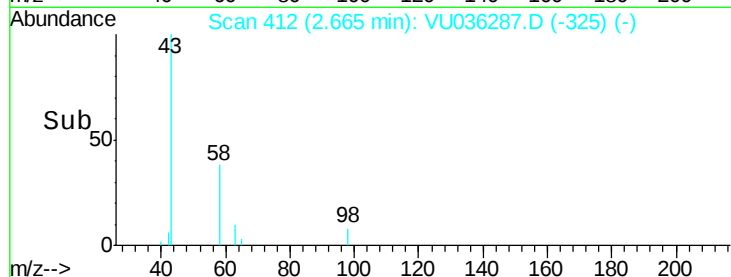
2000

1000

0

Time-->

2.60 2.65 2.70



#17

Methyl tert-butyl Ether

Concen: 0.326 ug/L

RT: 3.41 min Scan# 645

Delta R.T. 0.00 min

Lab File: VU036287.D

Acq: 19 Dec 2019 16:59

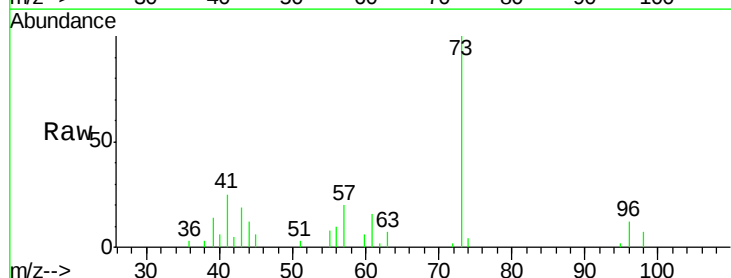
Tgt Ion: 73 Resp: 13408

Ion Ratio Lower Upper

73 100

43 18.6 15.3 22.9

57 23.0 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU036287.D (-551) (-)

Ion 43.05 (42.75 to 43.75): VU036287.D (-551) (-)

Ion 57.10 (56.80 to 57.80): VU036287.D (-551) (-)

8000

6000

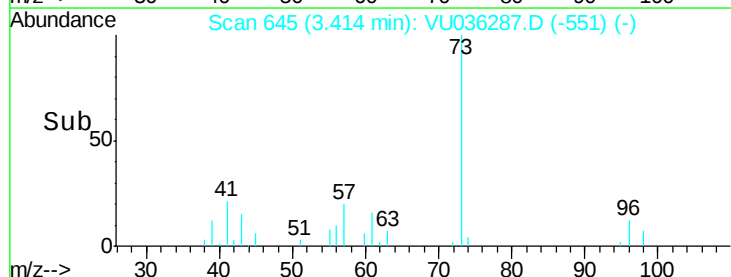
4000

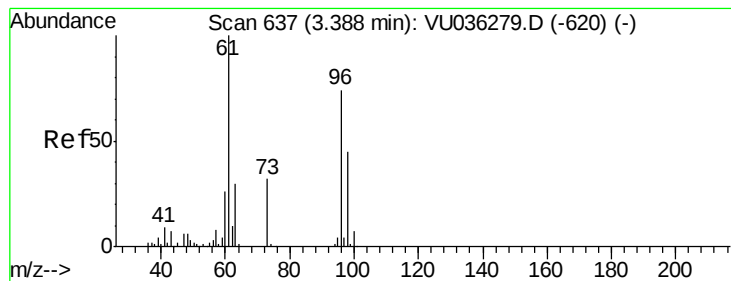
2000

0

Time-->

3.35 3.40 3.45 3.50





#18

trans-1,2-Dichloroethene

Concen: 0.190 ug/L

RT: 3.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: VU036287.D

Acq: 19 Dec 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

BFDW2

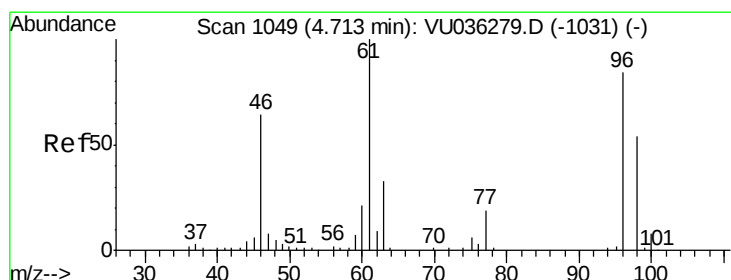
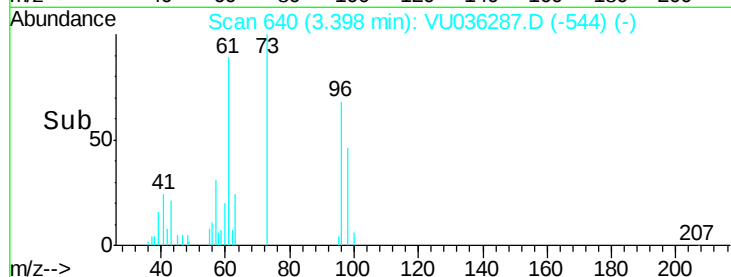
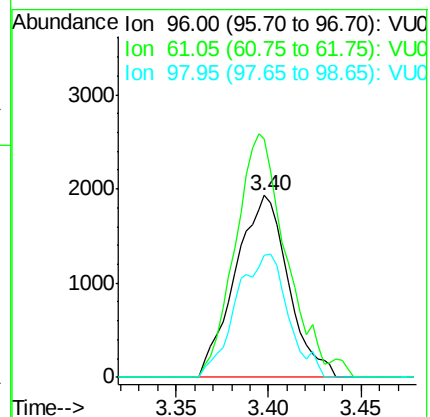
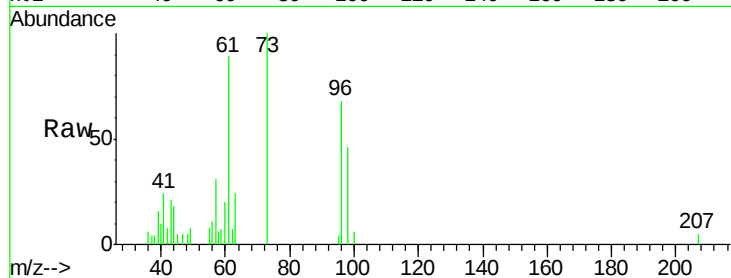
Tot Ion: 96 Resp: 3831

Ion Ratio Lower Upper

96 100

61 131.4 94.8 176.2

98 67.1 46.8 86.8



#22

cis-1,2-Dichloroethene

Concen: 3.921 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036287.D

Acq: 19 Dec 2019 16:59

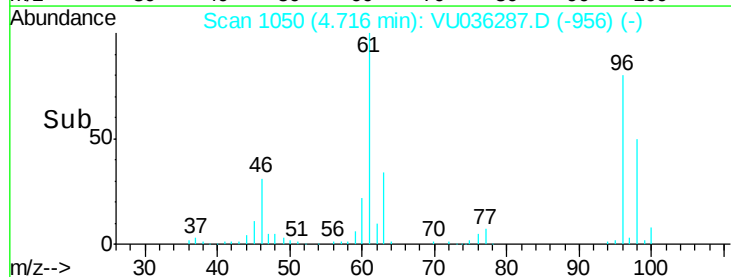
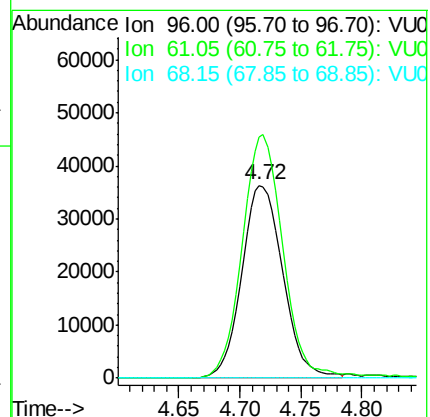
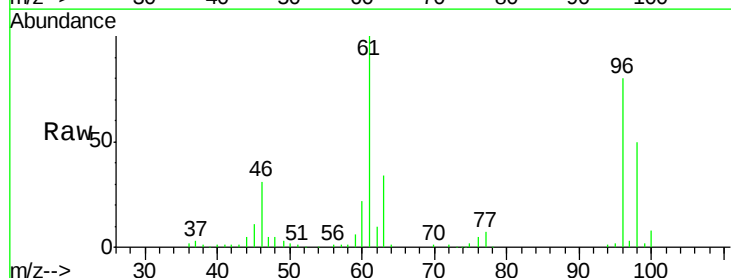
Tgt Ion: 96 Resp: 84607

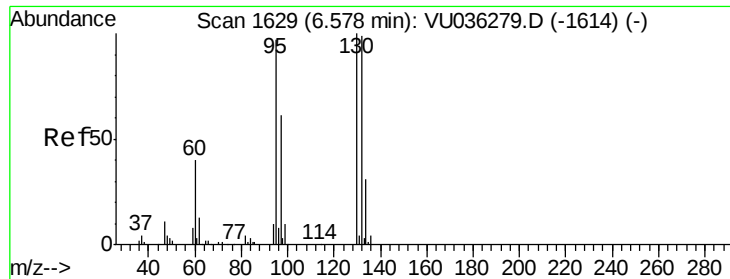
Ion Ratio Lower Upper

96 100

61 125.3 86.7 161.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 33.498 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036287.D

Acq: 19 Dec 2019 16:59

Instrument :

MSVOA_U

ClientSampleId :

BFDW2

Tot Ion: 95 Resp: 751882

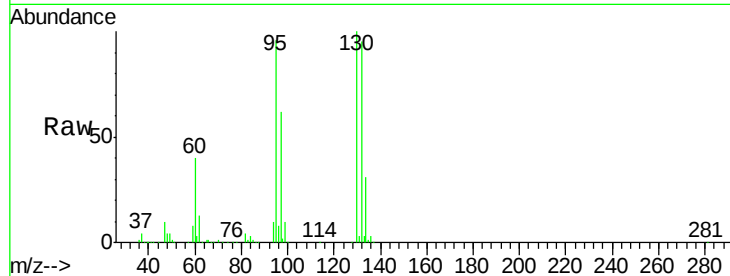
Ion Ratio Lower Upper

95 100

97 64.2 43.6 81.0

132 98.7 69.6 129.2

130 104.1 70.3 130.7

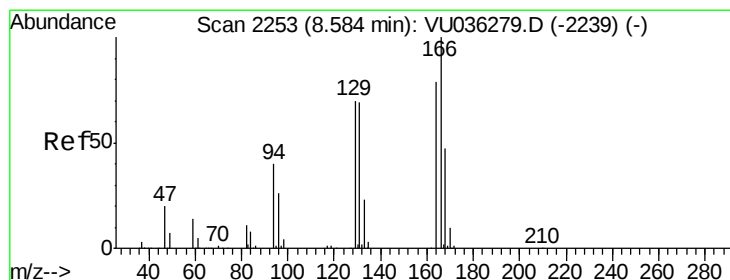
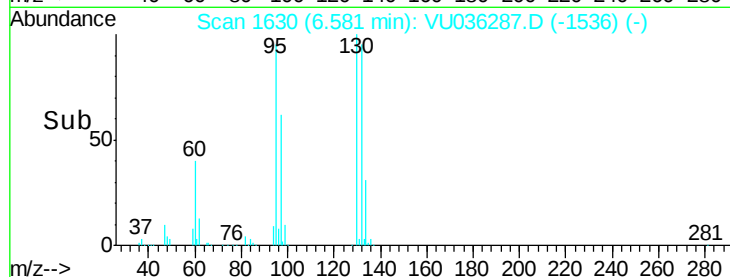
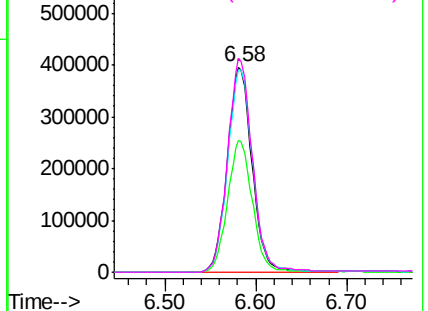


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.171 ug/L

RT: 8.59 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VU036287.D

Acq: 19 Dec 2019 16:59

Tgt Ion: 164 Resp: 3467

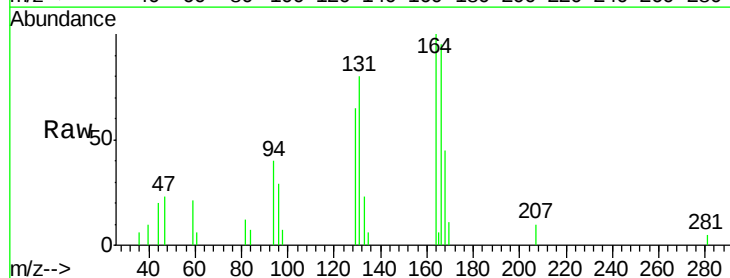
Ion Ratio Lower Upper

164 100

129 65.2 64.2 119.2

131 79.6 66.6 123.8

166 95.1 93.1 172.9



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

