

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036285.D
 Acq On : 19 Dec 2019 16:12
 Operator : JC/MD
 Sample : K6282-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW0

Quant Time: Dec 20 03:46:07 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	265377	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	293794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	113869	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118917	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.93	69	102302	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	118085	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.69	46	201399	46.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	5.11	84	170139	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.75	65	88662	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.77	84	309430	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.73	67	103424	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.93	98	257967	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.21	79	38499	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.67	63	161064	44.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90064	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	99620	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

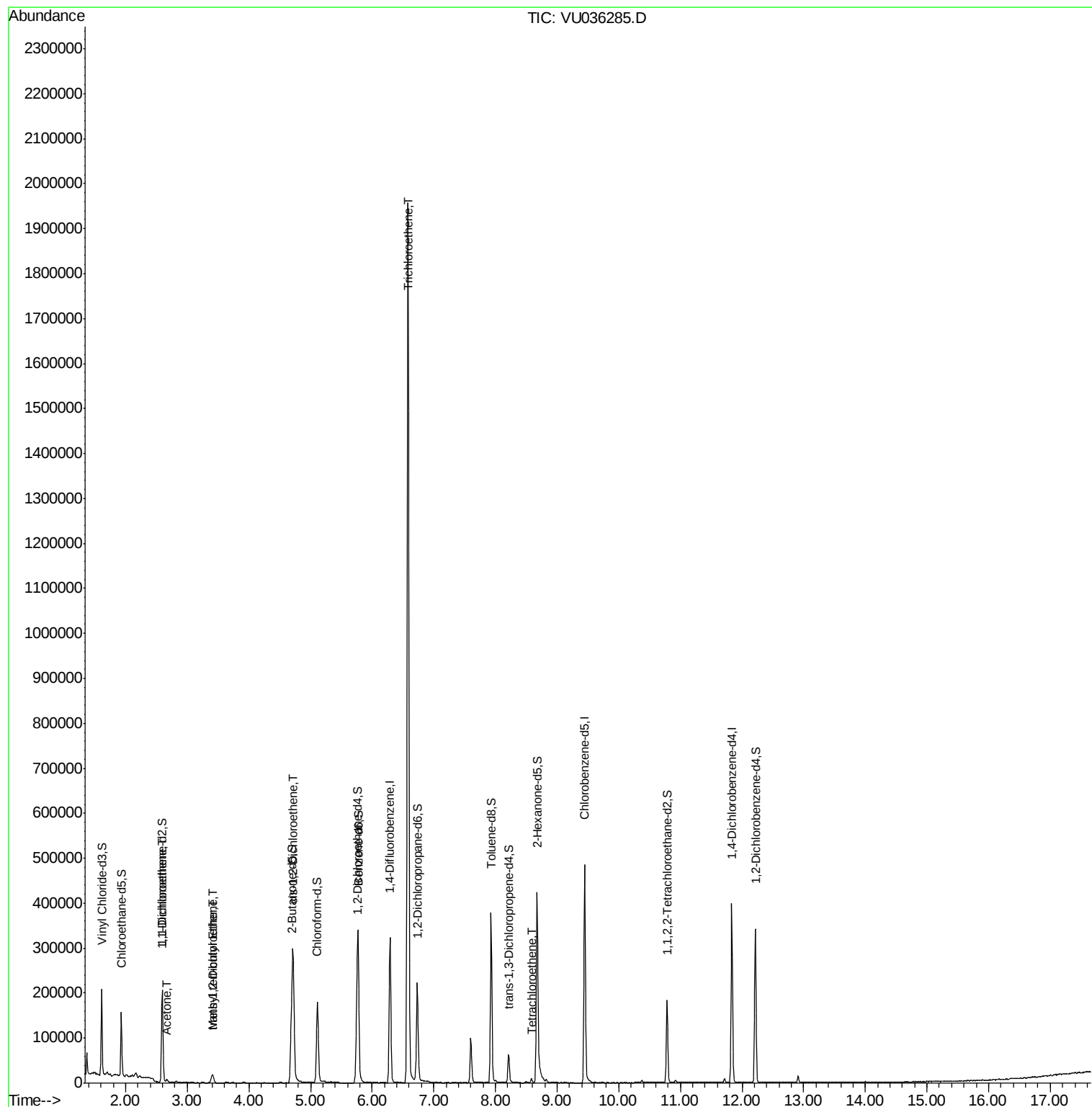
					Ovalue
12) 1,1-Dichloroethene	2.61	96	6410	0.326 ug/L	# 1
13) Acetone	2.67	43	7919	2.075 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	14859	0.352 ug/L	95
18) trans-1,2-Dichloroethene	3.40	96	4200	0.204 ug/L	71
22) cis-1,2-Dichloroethene	4.72	96	136860	6.188 ug/L	98
34) Trichloroethene	6.58	95	666562	28.635 ug/L	98
47) Tetrachloroethene	8.58	164	2336	0.111 ug/L	80

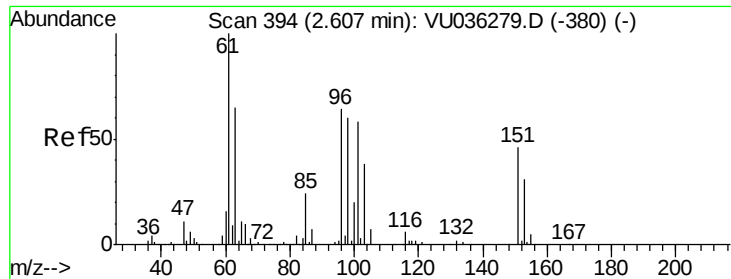
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.326 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU036285.D

Acq: 19 Dec 2019 16:12

Instrument :

MSVOA_U

ClientSampleId :

BFDW0

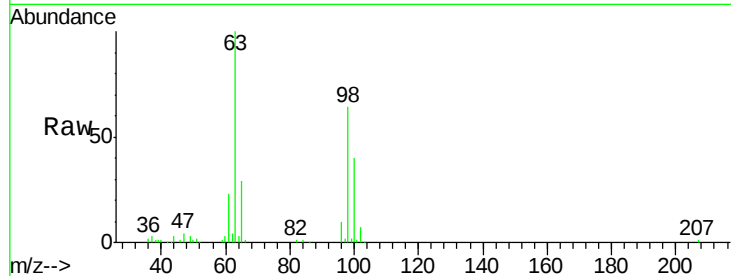
Tot Ion: 96 Resp: 6410

Ion Ratio Lower Upper

96 100

61 231.9 114.0 211.8#

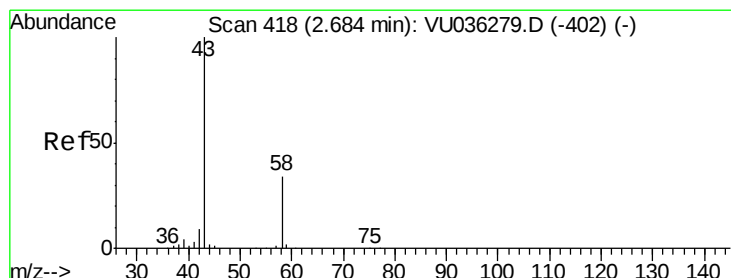
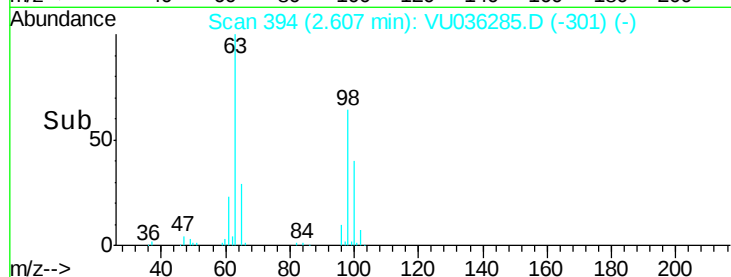
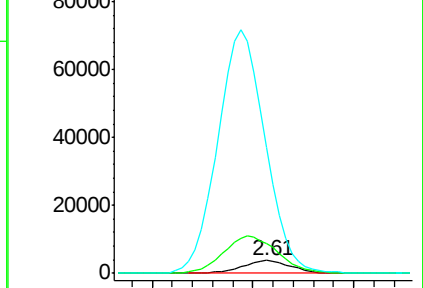
63 988.0 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036285.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU036285.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU036285.D (-301) (-)



#13

Acetone

Concen: 2.075 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU036285.D

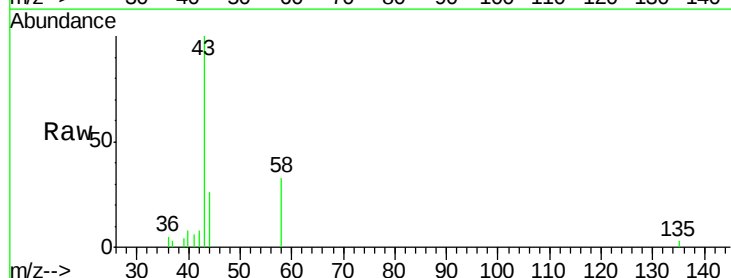
Acq: 19 Dec 2019 16:12

Tgt Ion: 43 Resp: 7919

Ion Ratio Lower Upper

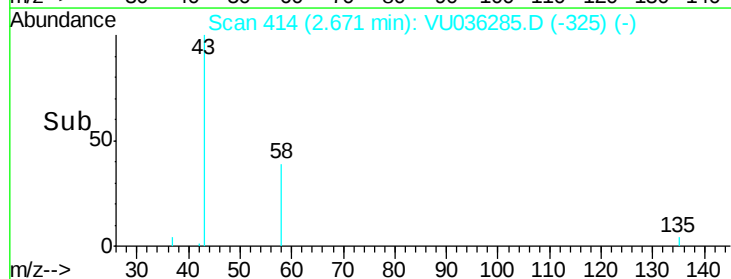
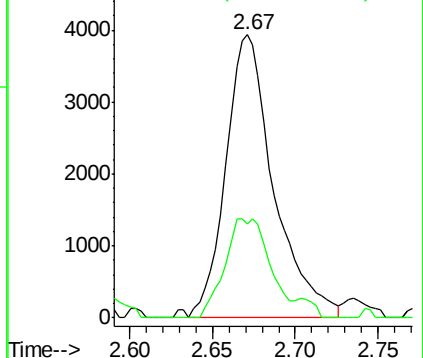
43 100

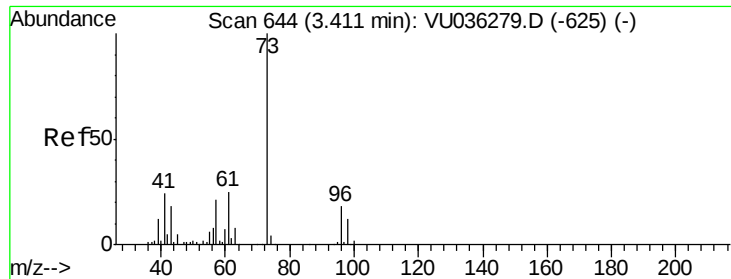
58 33.0 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036285.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU036285.D (-325) (-)

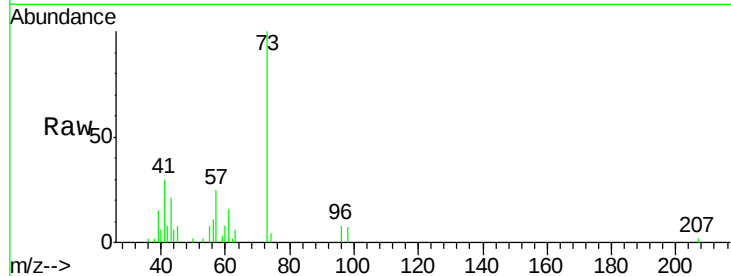




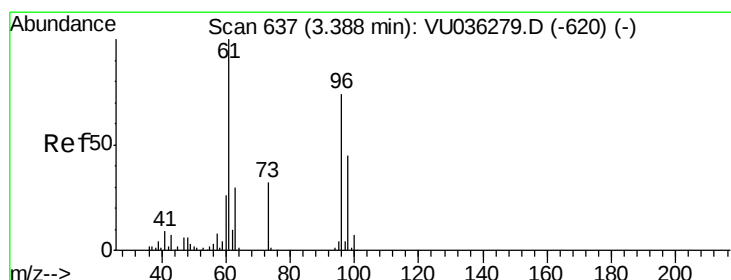
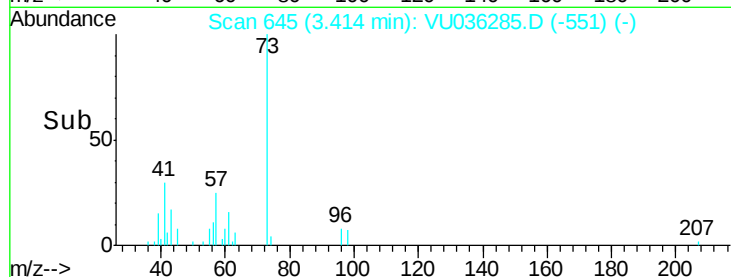
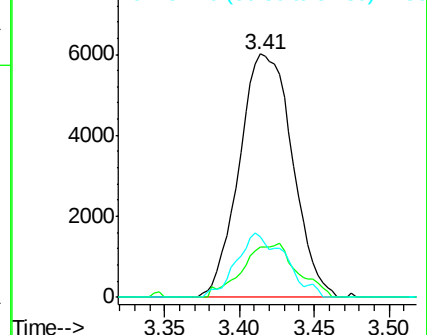
#17
Methvl tert-butvl Ether
Concen: 0.352 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.00 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Instrument :
MSVOA_U
ClientSampleId :
BFDW0

Tot Ion: 73 Resp: 14859
Ion Ratio Lower Upper
73 100
43 22.5 15.3 22.9
57 24.4 18.2 27.2

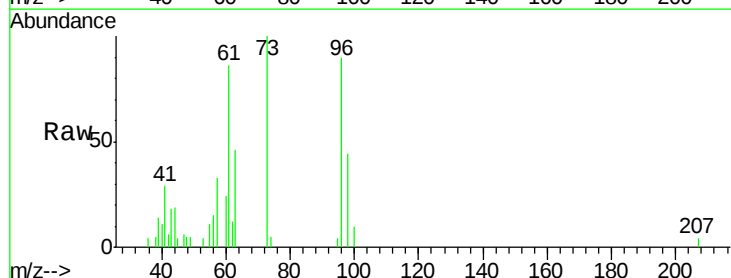


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

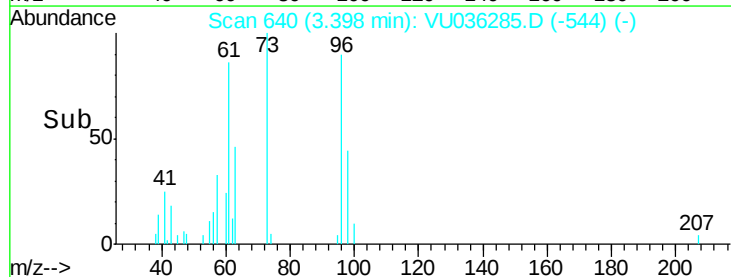
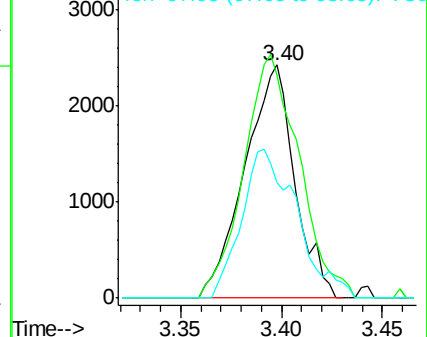


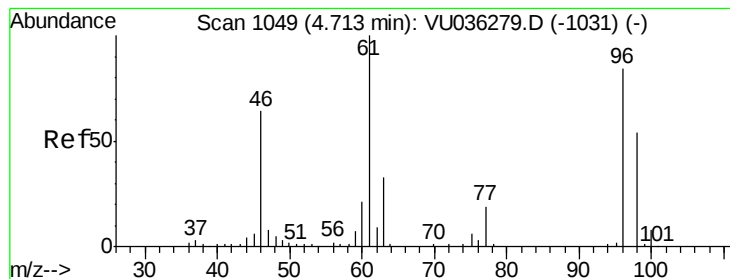
#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 3.40 min Scan# 640
Delta R.T. 0.01 min
Lab File: VU036285.D
Acq: 19 Dec 2019 16:12

Tgt Ion: 96 Resp: 4200
Ion Ratio Lower Upper
96 100
61 96.0 94.8 176.2
98 49.6 46.8 86.8



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 6.188 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036285.D

Acq: 19 Dec 2019 16:12

Instrument :

MSVOA_U

ClientSampleId :

BFDW0

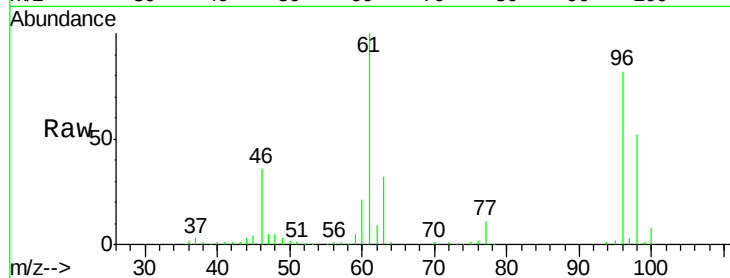
Tot Ion: 96 Resp: 136860

Ion Ratio Lower Upper

96 100

61 122.0 86.7 161.1

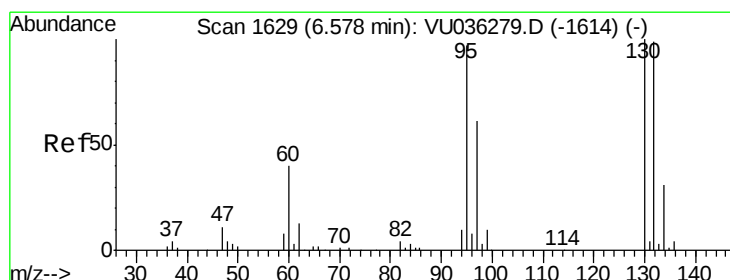
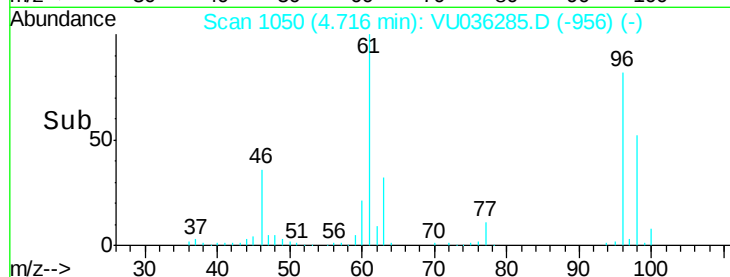
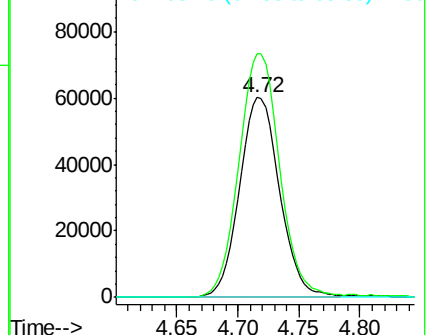
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036279.D (-1031) (-)

Ion 61.05 (60.75 to 61.75): VU036279.D (-1031) (-)

Ion 68.15 (67.85 to 68.85): VU036279.D (-1031) (-)



#34

Trichloroethene

Concen: 28.635 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036285.D

Acq: 19 Dec 2019 16:12

Tgt Ion: 95 Resp: 666562

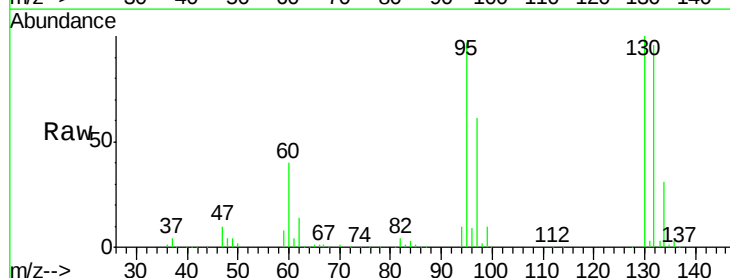
Ion Ratio Lower Upper

95 100

97 63.5 43.6 81.0

132 99.1 69.6 129.2

130 103.4 70.3 130.7

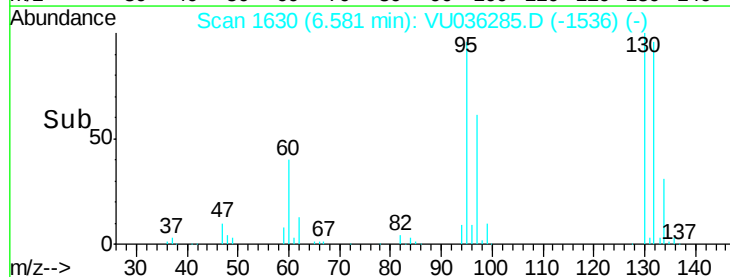
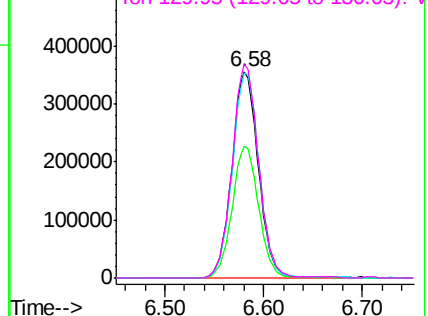


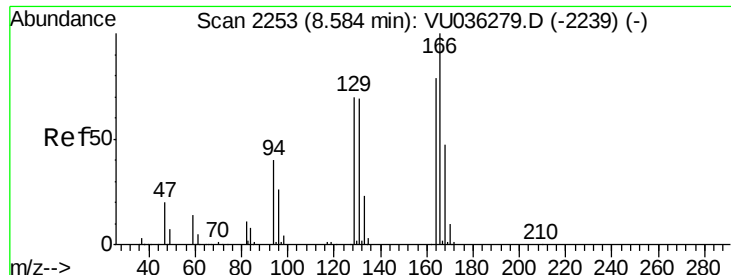
Abundance Ion 95.00 (94.70 to 95.70): VU036279.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU036279.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU036279.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU036279.D (-1614) (-)





#47

Tetrachloroethene

Concen: 0.111 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU036285.D

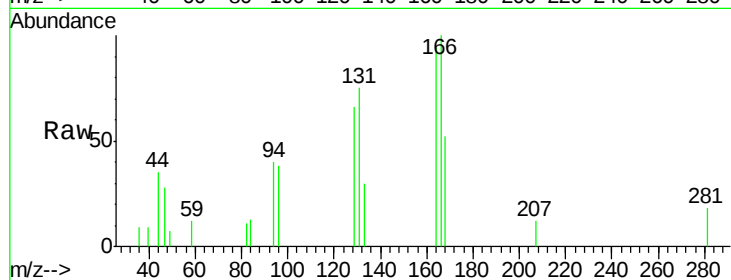
Acq: 19 Dec 2019 16:12

Instrument :

MSVOA_U

ClientSampleId :

BFDW0



Tot Ion:164 Resp: 2336

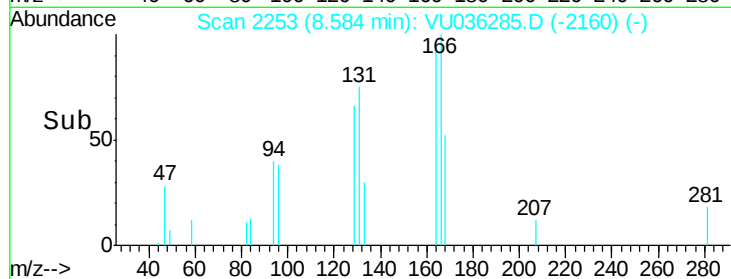
Ion Ratio Lower Upper

164 100

129 69.9 64.2 119.2

131 80.0 66.6 123.8

166 106.7 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

