

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035956.D
 Acq On : 03 Dec 2019 18:45
 Operator : JC/SP
 Sample : K6105-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE25

Quant Time: Dec 04 05:02:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 03:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	310244	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	336089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	162460	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	133563	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	179082	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.70	46	345698	55.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	5.11	84	228618	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	128063	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.77	84	454421	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	148349	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.93	98	373478	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	8.22	79	57589	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.68	63	274284	53.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	129532	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	114667	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

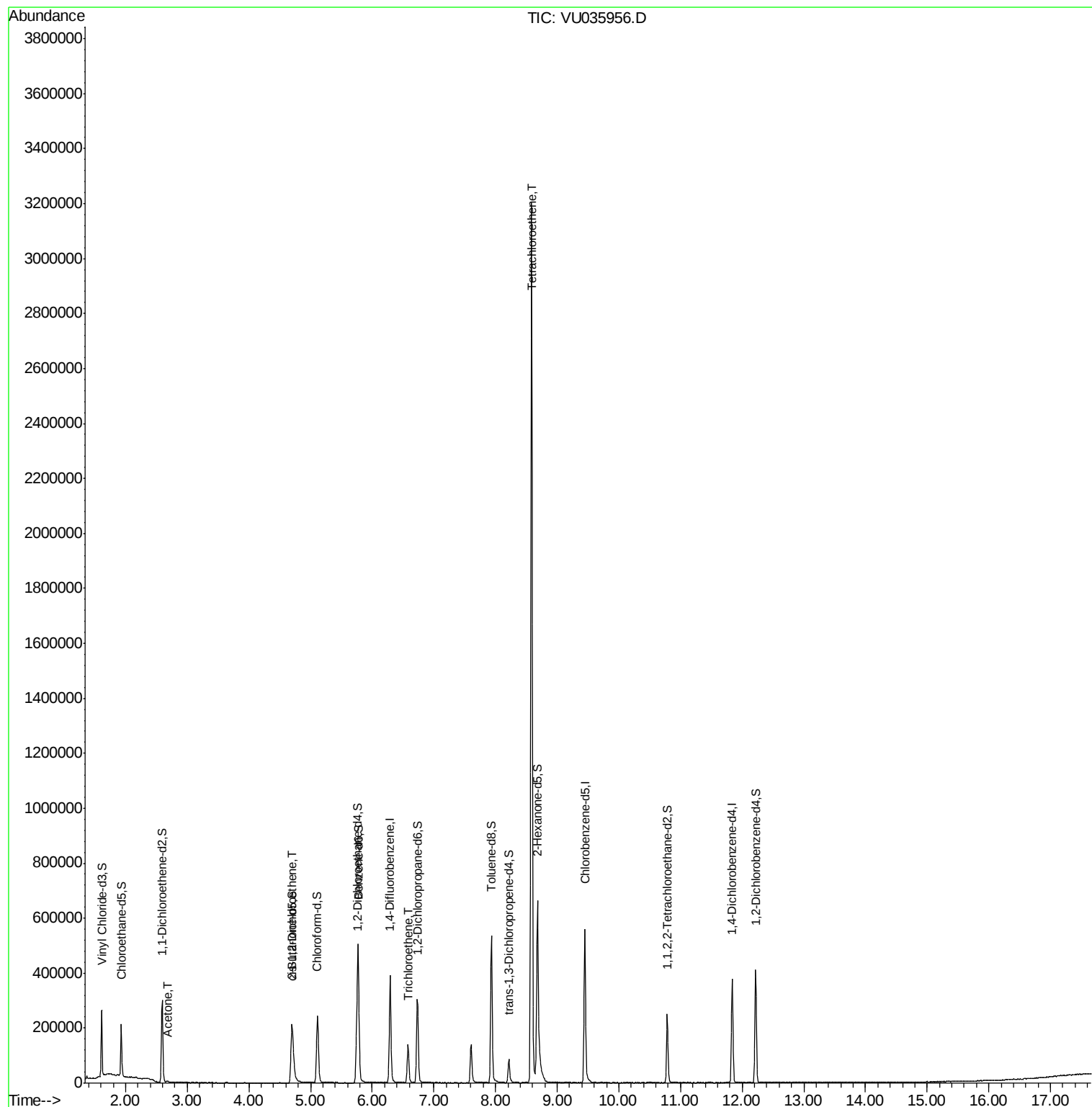
					Ovalue
13) Acetone	2.68	43	5661	1.000 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	19796	0.796 ug/L	93
34) Trichloroethene	6.58	95	48346	1.809 ug/L	98
47) Tetrachloroethene	8.58	164	743262	34.215 ug/L	98

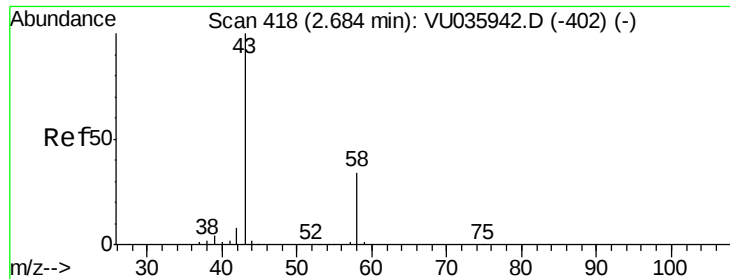
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.000 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

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Acq: 03 Dec 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

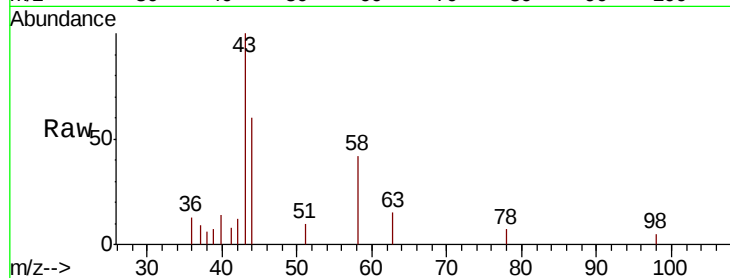
BFE25

Tot Ion: 43 Resp: 5661

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035942.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035942.D (-402) (-)

2500

2000

1500

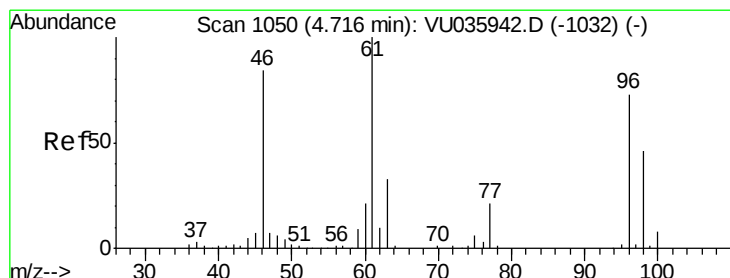
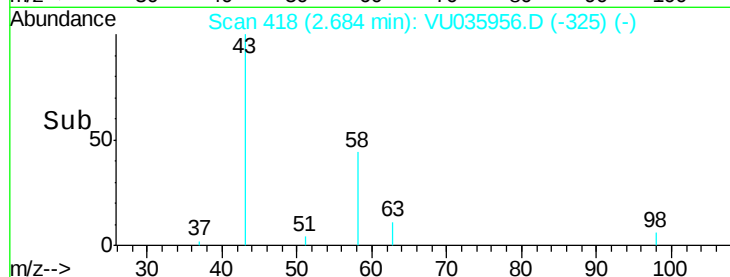
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.796 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU035956.D

Acq: 03 Dec 2019 18:45

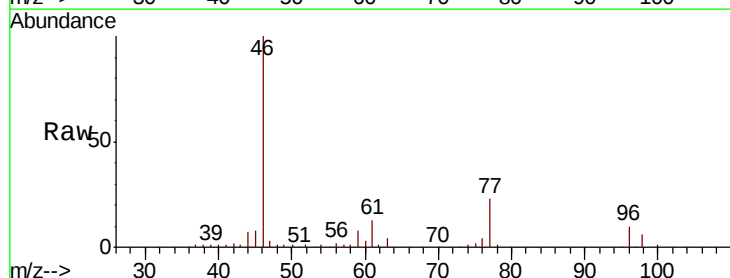
Tgt Ion: 96 Resp: 19796

Ion Ratio Lower Upper

96 100

61 128.5 95.7 177.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035942.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035942.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035942.D (-1032) (-)

15000

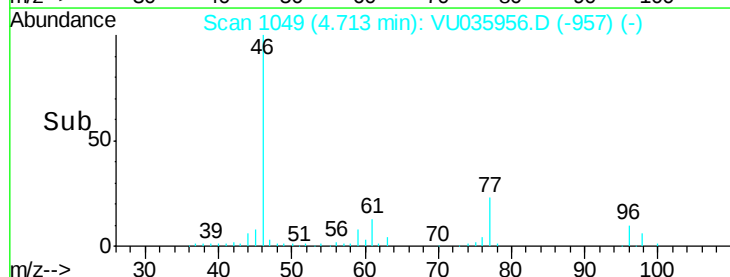
10000

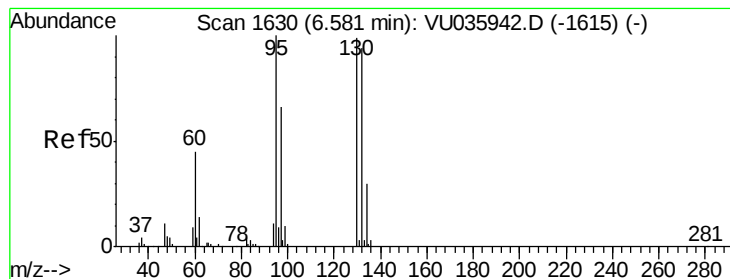
5000

0

4.65 4.70 4.75 4.80

Time-->





#34

Trichloroethene

Concen: 1.809 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035956.D

Acq: 03 Dec 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

BFE25

Tot Ion: 95 Resp: 48346

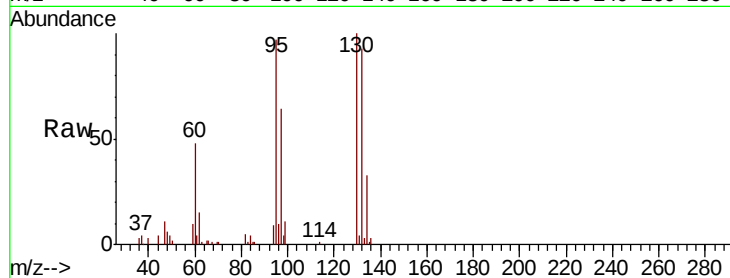
Ion Ratio Lower Upper

95 100

97 65.4 46.3 85.9

132 95.1 65.7 122.1

130 102.7 69.2 128.6

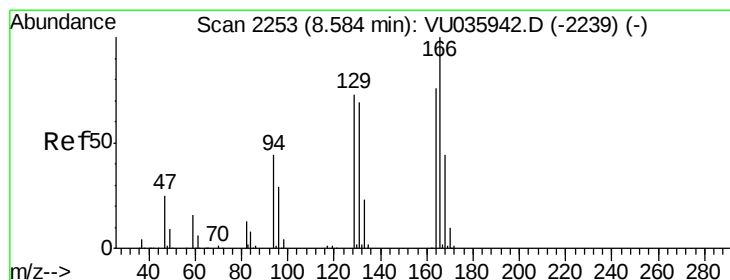
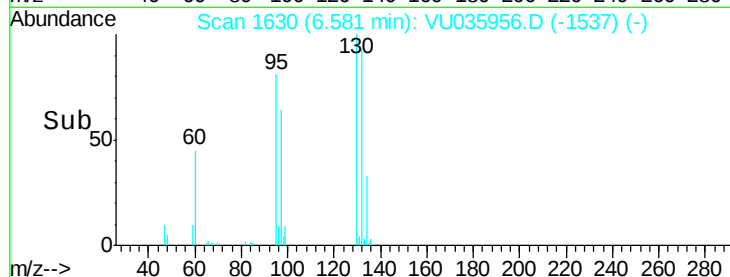
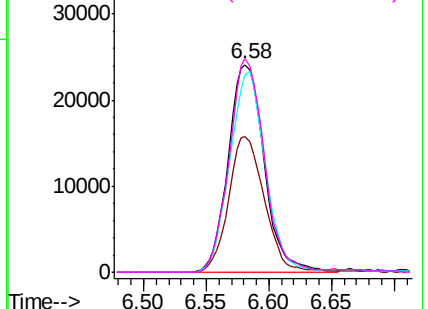


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 34.215 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035956.D

Acq: 03 Dec 2019 18:45

Tgt Ion: 164 Resp: 743262

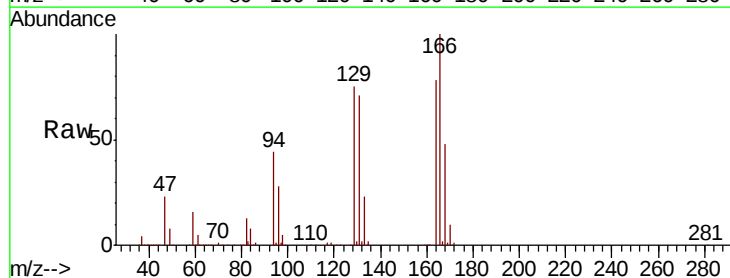
Ion Ratio Lower Upper

164 100

129 96.0 67.9 126.1

131 90.4 64.1 119.1

166 127.9 92.6 172.0



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

