

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121619\
 Data File : VU036231.D
 Acq On : 16 Dec 2019 14:05
 Operator : JC/MD
 Sample : K6234-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE64

Quant Time: Dec 17 01:54:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 01:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	218598	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250122	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85019	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	82235	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.59	63	90563	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.68	46	180430	50.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.06%
24) Chloroform-d	5.11	84	152950	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.75	65	81707	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	273539	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.73	67	92325	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.93	98	224669	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	8.21	79	35488	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.68	63	156159	50.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	84281	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	76480	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

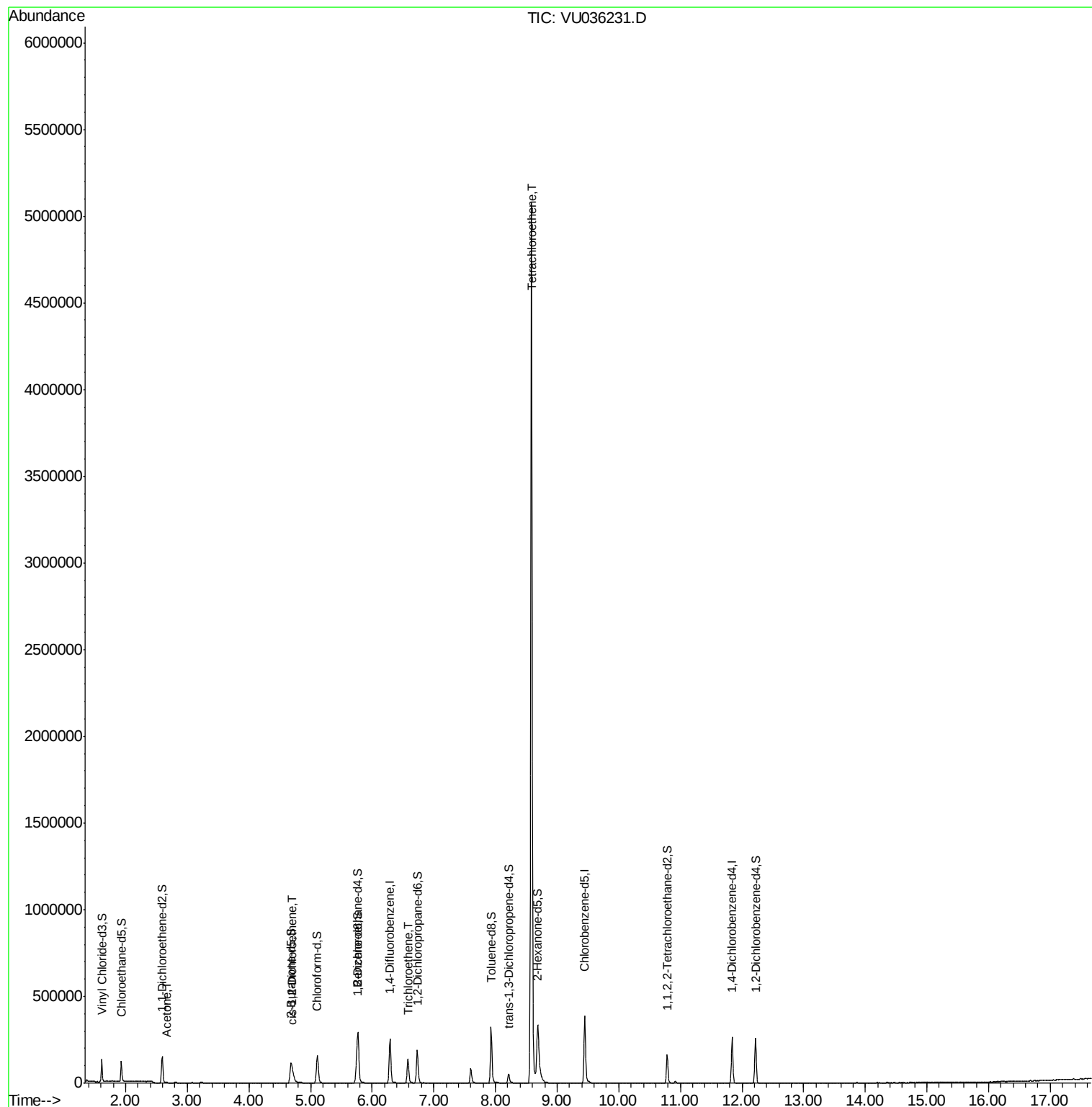
					Ovalue
13) Acetone	2.66	43	6293	2.002 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	19054	1.046 ug/L	98
34) Trichloroethene	6.58	95	49183	2.482 ug/L	96
47) Tetrachloroethene	8.58	164	1241009	69.337 ug/L	95

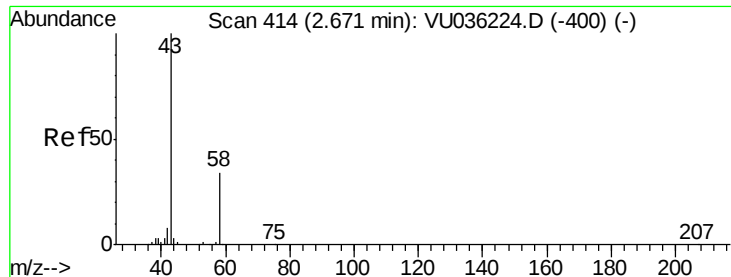
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.002 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU036231.D

Acq: 16 Dec 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

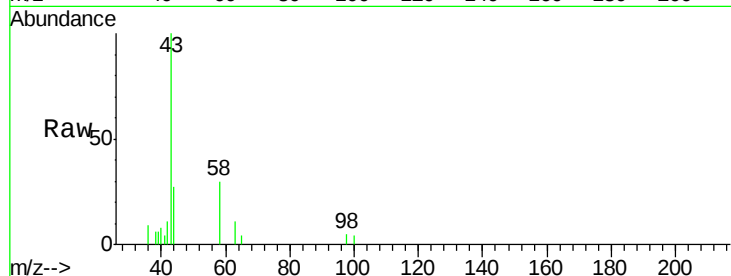
BF64

Tot Ion: 43 Resp: 6293

Ion Ratio Lower Upper

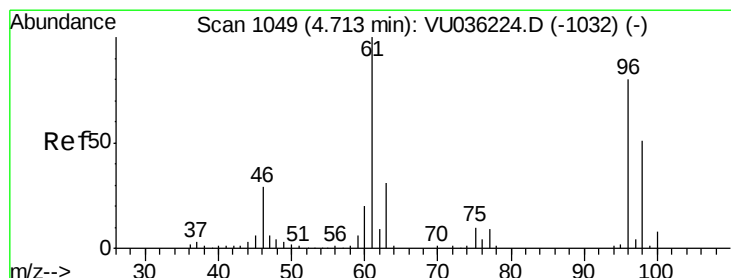
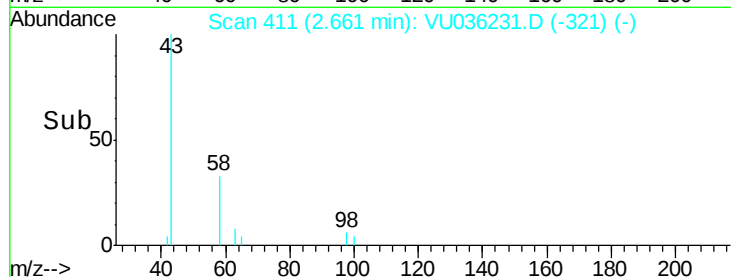
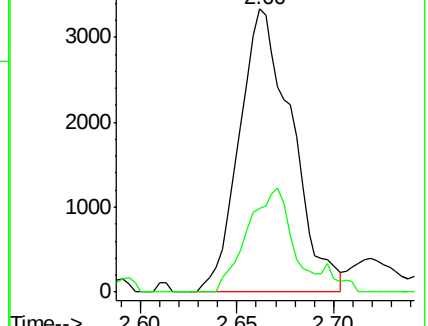
43 100

58 31.0 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036224.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036224.D (-400) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.046 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU036231.D

Acq: 16 Dec 2019 14:05

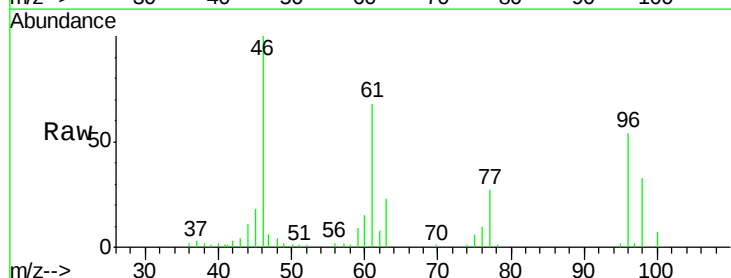
Tgt Ion: 96 Resp: 19054

Ion Ratio Lower Upper

96 100

61 126.4 86.7 161.1

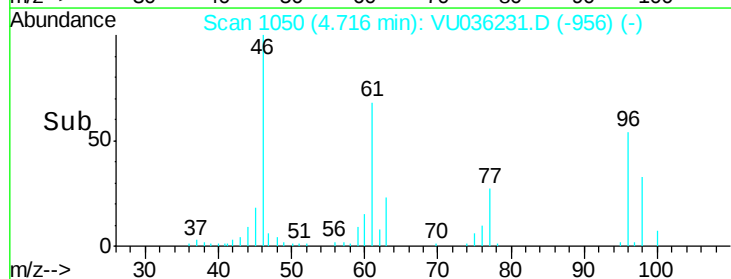
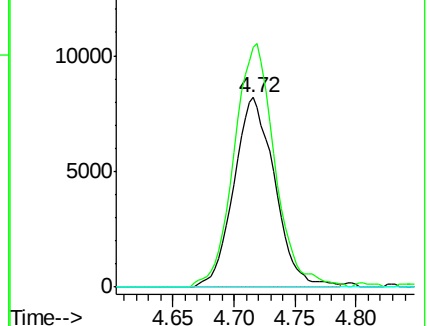
68 0.0 0.0 0.0

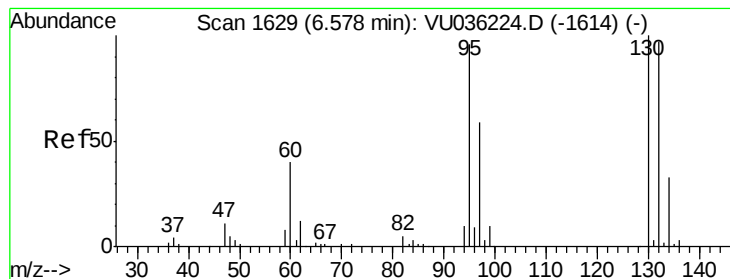


Abundance Ion 96.00 (95.70 to 96.70): VU036224.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036224.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036224.D (-1032) (-)





#34

Trichloroethene

Concen: 2.482 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036231.D

Acq: 16 Dec 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

BFE64

Tot Ion: 95 Resp: 49183

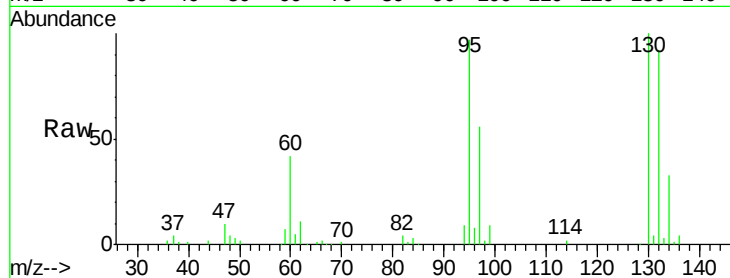
Ion Ratio Lower Upper

95 100

97 57.9 43.6 81.0

132 95.7 69.6 129.2

130 103.5 70.3 130.7

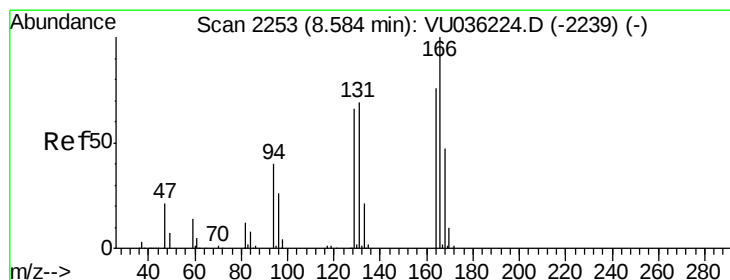
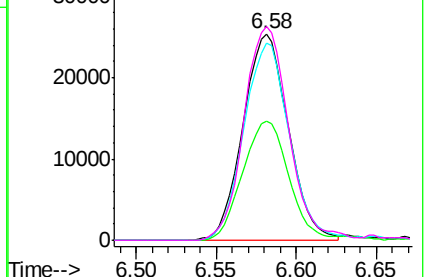
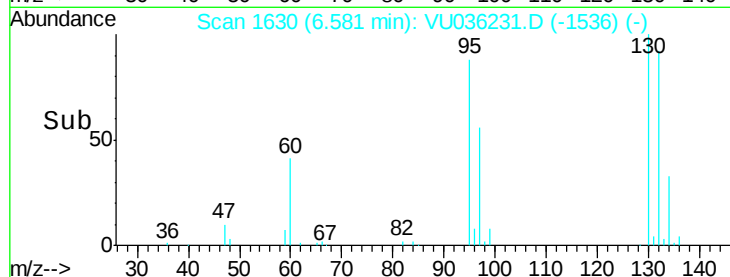


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 69.337 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036231.D

Acq: 16 Dec 2019 14:05

Tgt Ion:164 Resp: 1241009

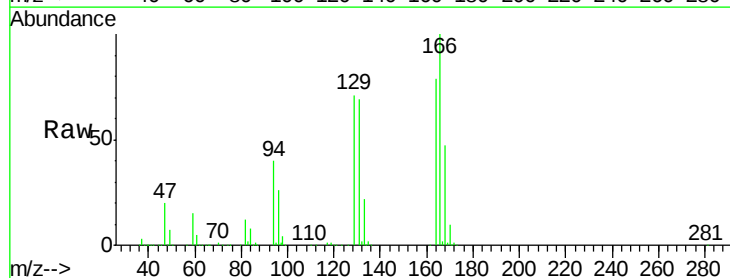
Ion Ratio Lower Upper

164 100

129 89.8 64.2 119.2

131 87.2 66.6 123.8

166 126.2 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

