

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121719\
 Data File : VU036261.D
 Acq On : 17 Dec 2019 16:07
 Operator : JC/MD
 Sample : K6281-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX4

Quant Time: Dec 18 03:48:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 01:23:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247891	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	281618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112667	5.00	ug/L	0.00

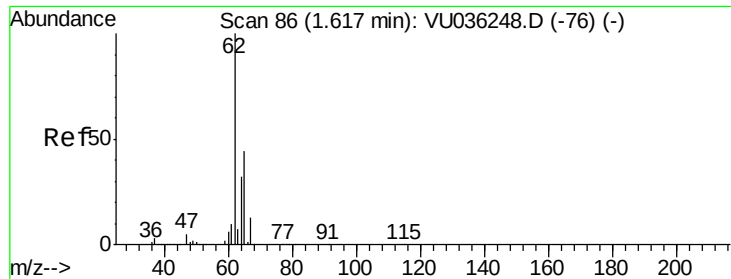
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75460	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.93	69	76781	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.59	63	84424	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.70	46	185222	45.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	5.11	84	151300	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.75	65	80172	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.77	84	263646	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.73	67	88118	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.00%
41) Toluene-d8	7.93	98	211448	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.60%#
43) trans-1,3-Dichloropropene-	8.21	79	33928	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.68	63	144056	41.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.10%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	84182	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	94491	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	6391	0.194 ug/L #	78
13) Acetone	2.68	43	10158	2.850 ug/L	97
19) 1,1-Dichloroethane	3.92	63	29944	0.842 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	9630	0.466 ug/L	98
27) 1,2-Dichloroethane	5.84	62	13164	0.577 ug/L #	94
34) Trichloroethene	6.58	95	2670	0.120 ug/L	82

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



#5

Vinyl chloride

Concen: 0.194 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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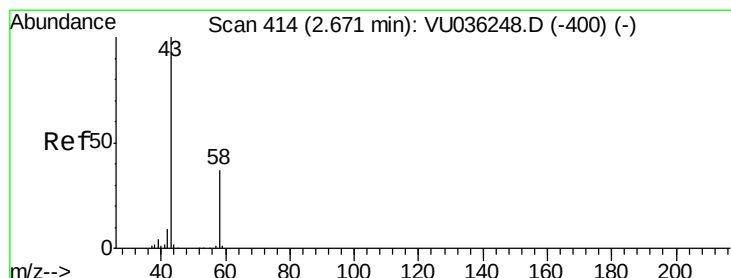
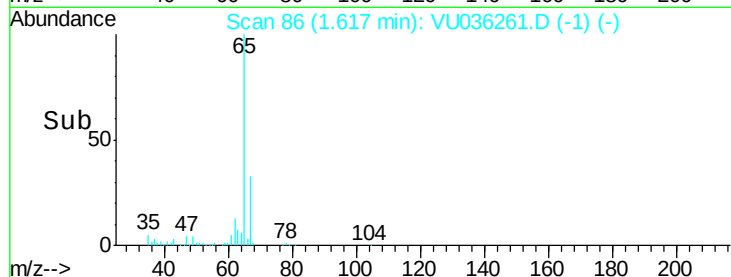
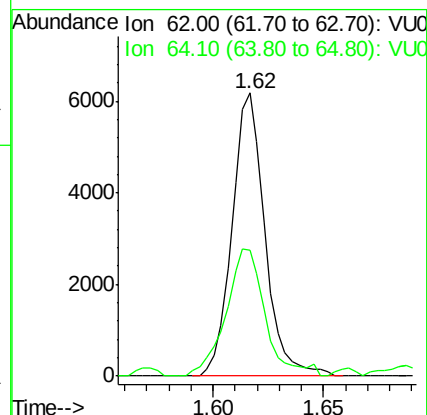
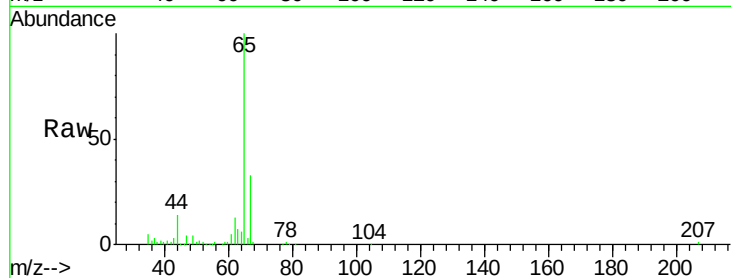
BFQX4

Tot Ion: 62 Resp: 6391

Ion Ratio Lower Upper

62 100

64 44.3 22.4 41.6#



#13

Acetone

Concen: 2.850 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU036261.D

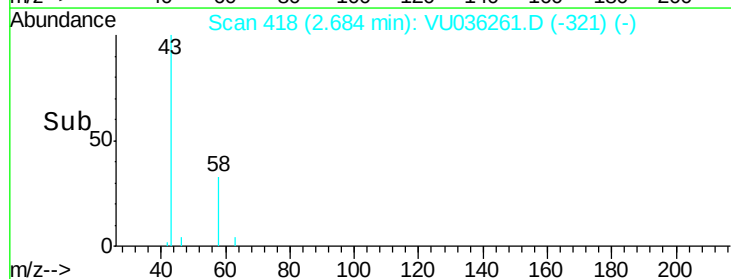
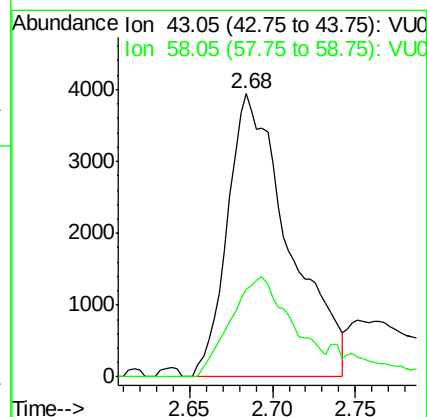
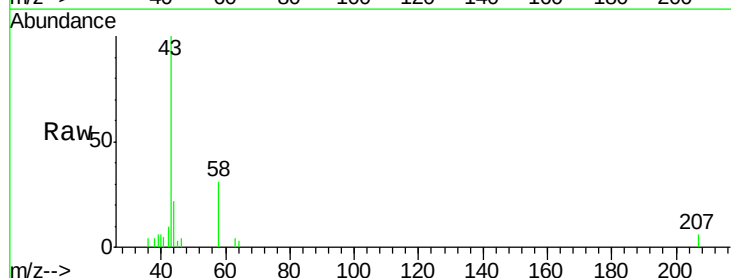
Acq: 17 Dec 2019 16:07

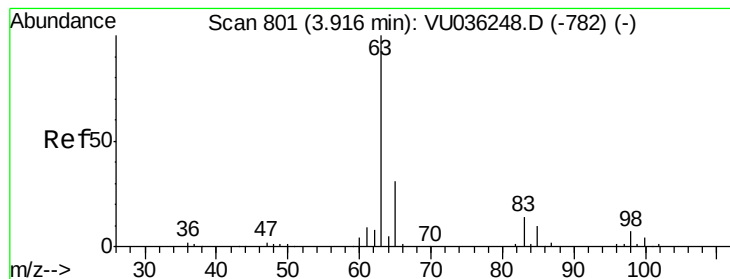
Tgt Ion: 43 Resp: 10158

Ion Ratio Lower Upper

43 100

58 35.4 0.0 67.6





#19

1,1-Dichloroethane

Concen: 0.842 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036261.D

Acq: 17 Dec 2019 16:07

Instrument :

MSVOA_U

ClientSampleId :

BFQX4

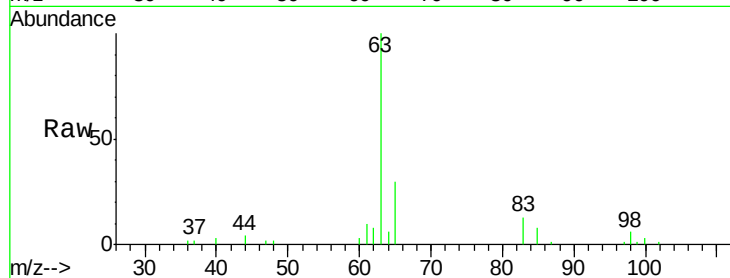
Tot Ion: 63 Resp: 29944

Ion Ratio Lower Upper

63 100

65 29.9 22.6 42.0

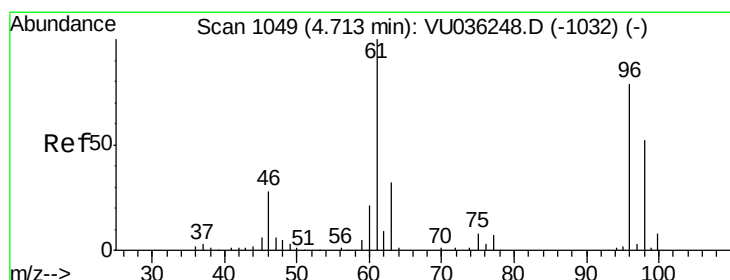
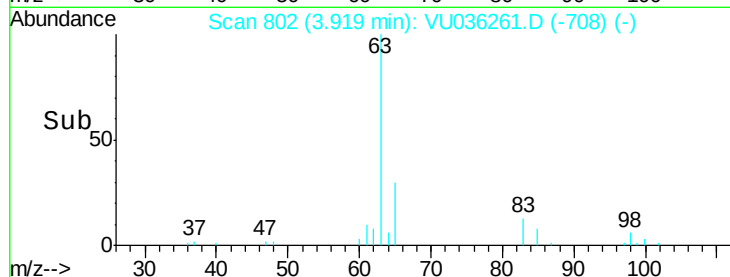
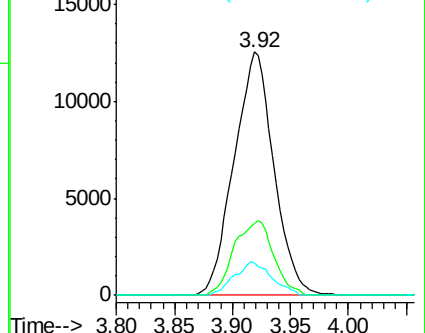
83 13.2 9.7 18.1



Abundance Ion 63.10 (62.80 to 63.80): VU036261.D (-708) (-)

Ion 65.10 (64.80 to 65.80): VU036261.D (-708) (-)

Ion 83.05 (82.75 to 83.75): VU036261.D (-708) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.466 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VU036261.D

Acq: 17 Dec 2019 16:07

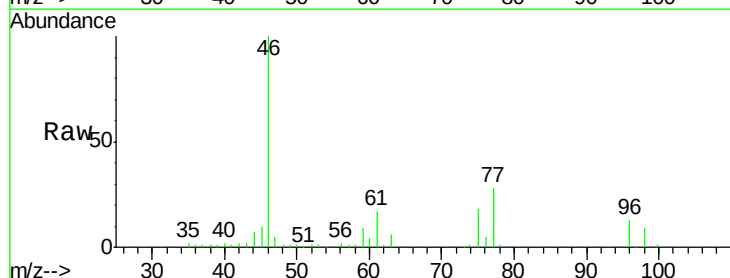
Tgt Ion: 96 Resp: 9630

Ion Ratio Lower Upper

96 100

61 126.6 86.7 161.1

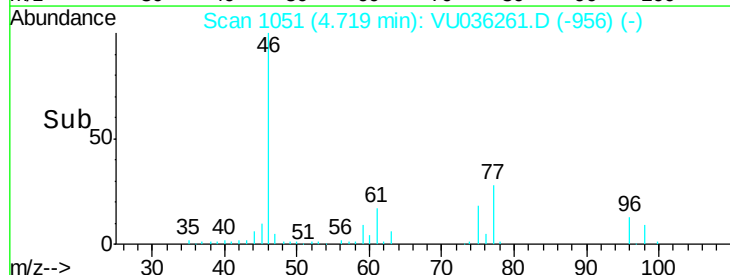
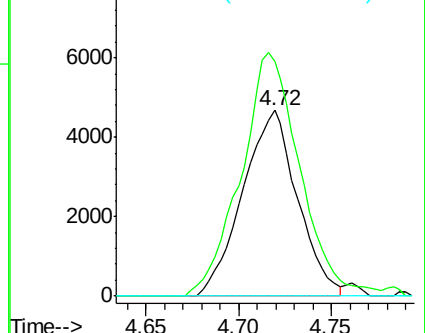
68 0.0 0.0 0.0

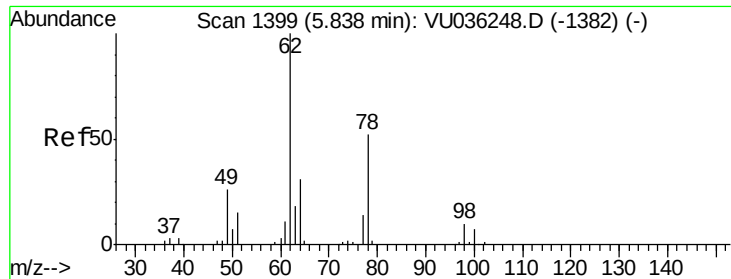


Abundance Ion 96.00 (95.70 to 96.70): VU036261.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU036261.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU036261.D (-956) (-)

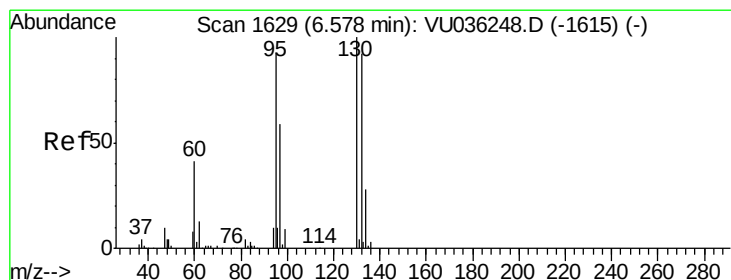
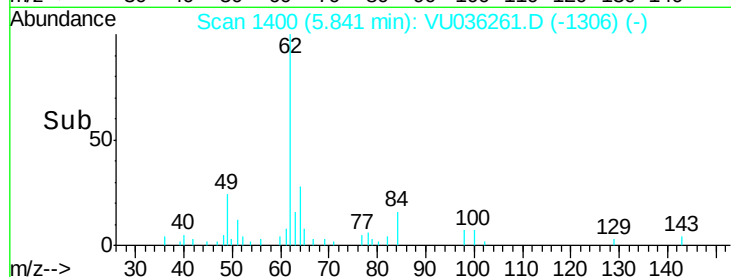
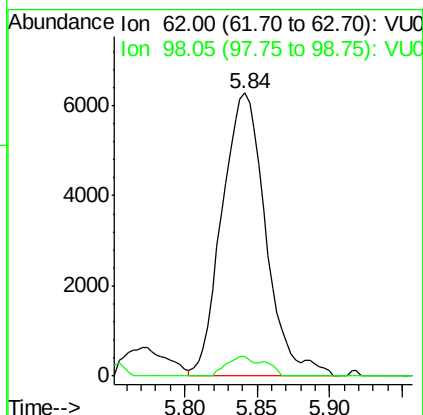
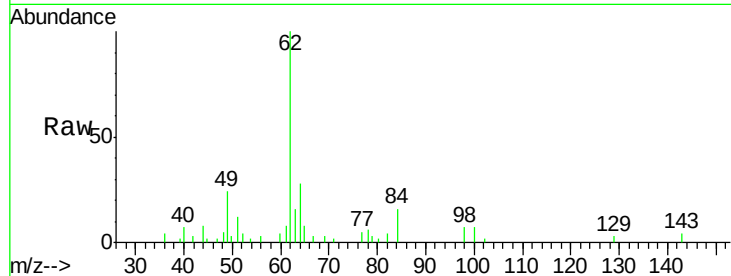




#27
 1,2-Dichloroethane
 Concen: 0.577 ug/L
 RT: 5.84 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: VU036261.D
 Acq: 17 Dec 2019 16:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQX4

Tot Ion: 62 Resp: 13164
 Ion Ratio Lower Upper
 62 100
 98 6.8 7.3 10.9#



#34
 Trichloroethene
 Concen: 0.120 ug/L
 RT: 6.58 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: VU036261.D
 Acq: 17 Dec 2019 16:07

Tgt Ion: 95 Resp: 2670
 Ion Ratio Lower Upper
 95 100
 97 53.1 43.6 81.0
 132 74.5 69.6 129.2
 130 86.3 70.3 130.7

