

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035380.D
 Acq On : 22 Oct 2019 22:06
 Operator : JC/SP
 Sample : K5461-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G02

Quant Time: Oct 23 09:01:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:02:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	247753	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82310	5.00	ug/L	0.00

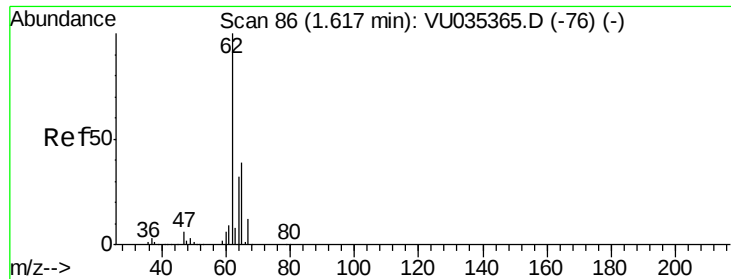
System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	111500	7.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	147.60%#
7) Chloroethane-d5	1.93	69	99897	7.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	144.60%#
11) 1,1-Dichloroethene-d2	2.59	63	148201	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	4.70	46	236227	54.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	5.11	84	175855	6.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	127.40%#
26) 1,2-Dichloroethane-d4	5.75	65	97990	6.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.20%
32) Benzene-d6	5.77	84	355099	6.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.20%#
36) 1,2-Dichloropropane-d6	6.74	67	115629	6.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.40%
41) Toluene-d8	7.93	98	304618	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	8.22	79	39623	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.69	63	157380	40.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.64%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94264	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	92531	6.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.40%#

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	77829	3.623 ug/L	92
17) Methyl tert-butyl Ether	3.43	73	17608	0.411 ug/L	95
18) trans-1,2-Dichloroethene	3.40	96	18572	1.081 ug/L	88
19) 1,1-Dichloroethane	3.92	63	5141	0.165 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	32424	1.708 ug/L	98

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



#5

Vinyl chloride

Concen: 3.623 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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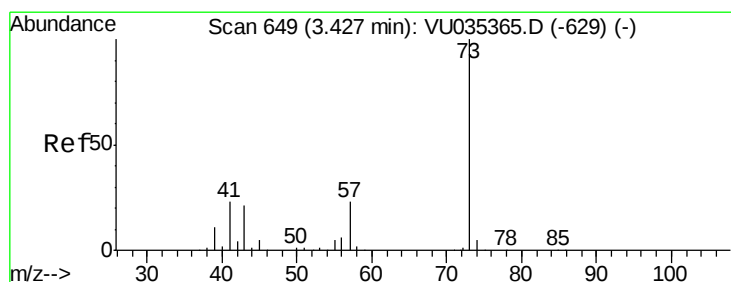
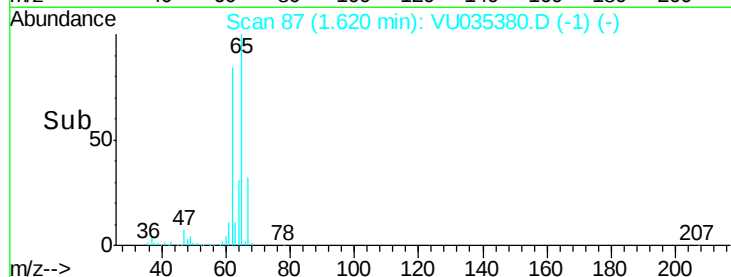
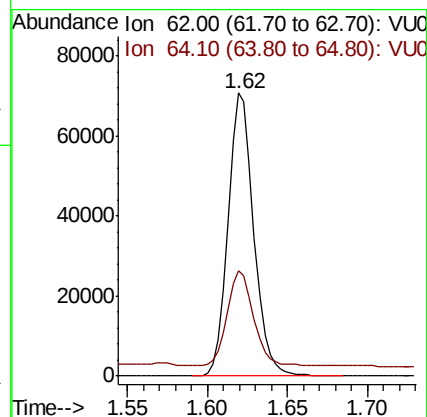
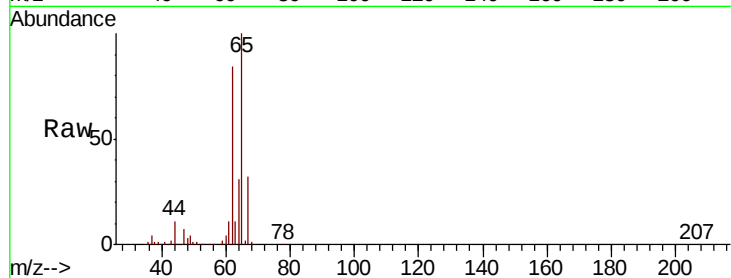
H0G02

Tot Ion: 62 Resp: 77829

Ion Ratio Lower Upper

62 100

64 37.3 22.9 42.5



#17

Methyl tert-butyl Ether

Concen: 0.411 ug/L

RT: 3.43 min Scan# 649

Delta R.T. -0.00 min

Lab File: VU035380.D

Acq: 22 Oct 2019 22:06

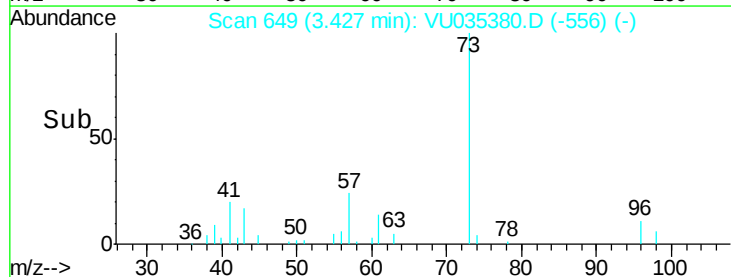
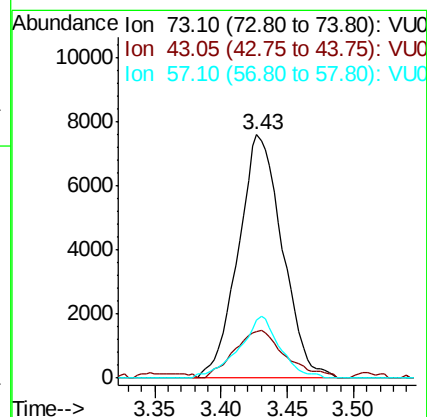
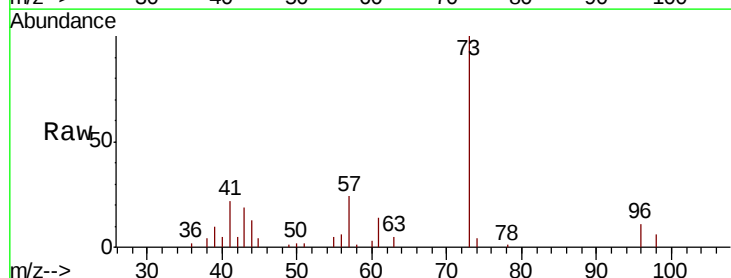
Tgt Ion: 73 Resp: 17608

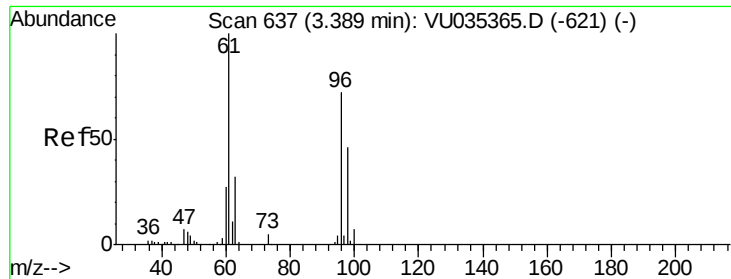
Ion Ratio Lower Upper

73 100

43 22.7 16.0 24.0

57 23.5 17.4 26.2





#18

trans-1,2-Dichloroethene

Concen: 1.081 ug/L

RT: 3.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: VU035380.D

Acq: 22 Oct 2019 22:06

Instrument :

MSVOA_U

ClientSampleId :

H0G02

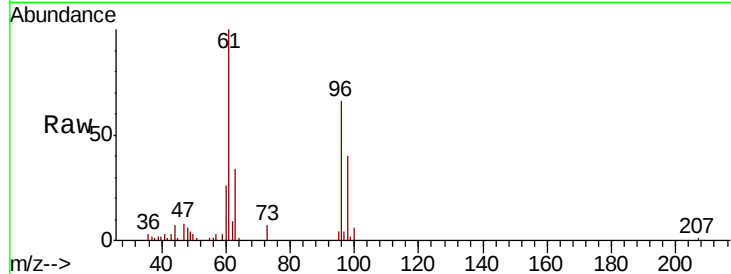
Tot Ion: 96 Resp: 18572

Ion Ratio Lower Upper

96 100

61 152.0 93.0 172.6

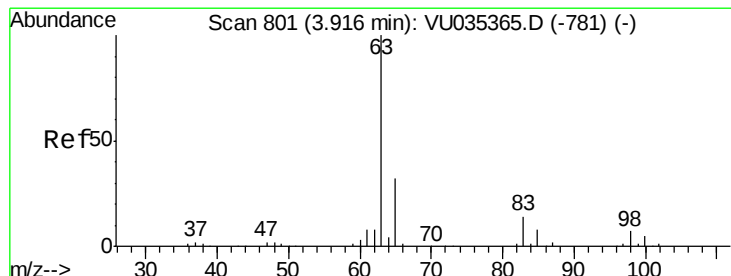
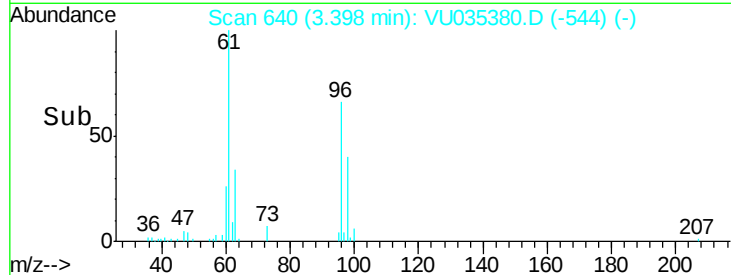
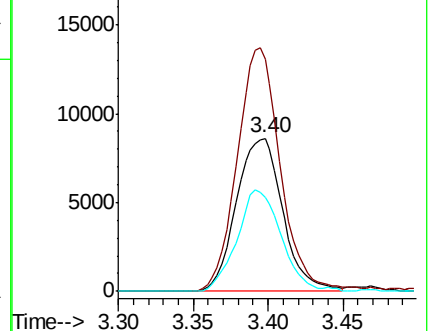
98 61.2 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU035380.D (-544) (-)

Ion 61.05 (60.75 to 61.75): VU035380.D (-544) (-)

Ion 97.95 (97.65 to 98.65): VU035380.D (-544) (-)



#19

1,1-Dichloroethane

Concen: 0.165 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035380.D

Acq: 22 Oct 2019 22:06

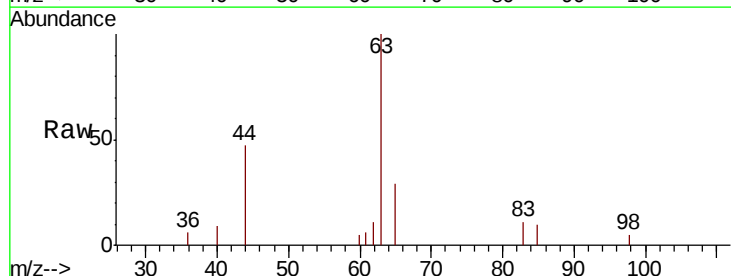
Tgt Ion: 63 Resp: 5141

Ion Ratio Lower Upper

63 100

65 28.8 22.4 41.6

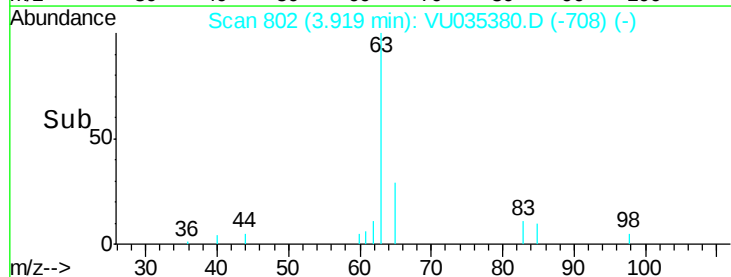
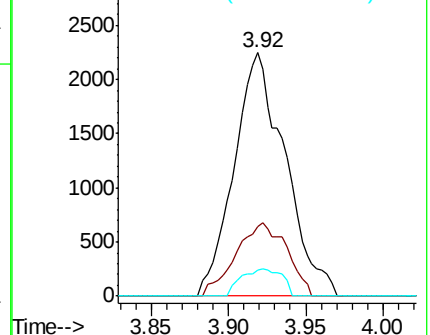
83 10.7 9.3 17.3

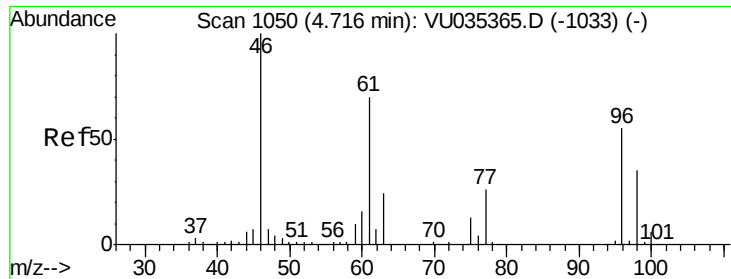


Abundance Ion 63.10 (62.80 to 63.80): VU035380.D (-708) (-)

Ion 65.10 (64.80 to 65.80): VU035380.D (-708) (-)

Ion 83.05 (82.75 to 83.75): VU035380.D (-708) (-)





#22
 cis-1,2-Dichloroethene
 Concen: 1.708 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035380.D
 Acq: 22 Oct 2019 22:06

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G02

Tot Ion:	96	Resp:	32424
Ion	Ratio	Lower	Upper
96	100		
61	130.8	89.7	166.5
68	0.0	0.0	0.0

