

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039046.D
 Acq On : 23 Jun 2020 17:44
 Operator : SY/MD
 Sample : L3061-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ1DL

Quant Time: Jun 24 10:15:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 01:05:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	270221	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	272958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	122317	5.00	ug/L	0.00

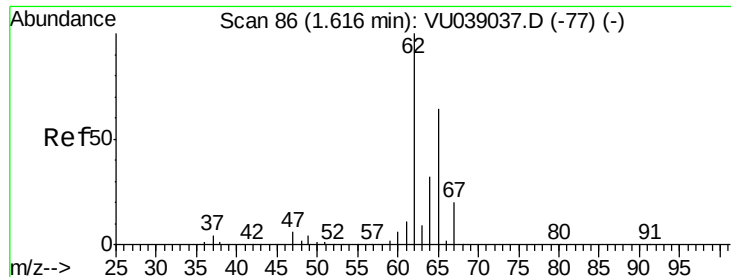
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115364	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.93	69	97891	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.59	63	179041	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.67	46	414027	57.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.96%
24) Chloroform-d	5.10	84	211191	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.74	65	134967	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.76	84	431495	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.72	67	143523	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.92	98	349329	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	8.20	79	60183	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.66	63	333414	58.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127719	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	130323	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	8009	0.305 ug/L #	70
8) Chloroethane	1.95	64	10832	0.685 ug/L	94
12) 1,1-Dichloroethene	2.61	96	17729	0.947 ug/L #	1
19) 1,1-Dichloroethane	3.91	63	437757	10.996 ug/L	99
22) cis-1,2-Dichloroethene	4.70	96	3404	0.158 ug/L	88

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



#5

Vinyl chloride

Concen: 0.305 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

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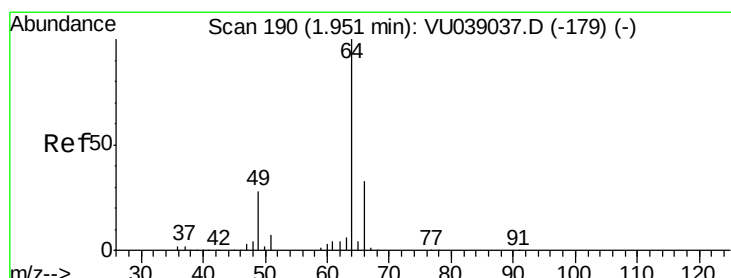
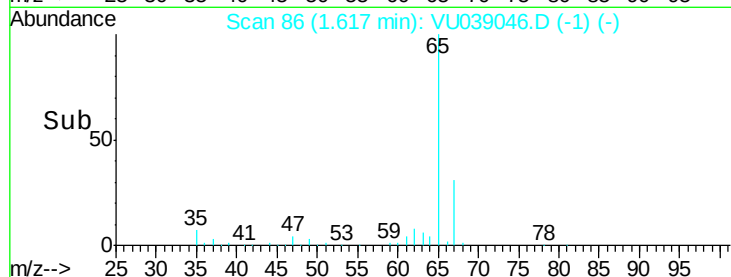
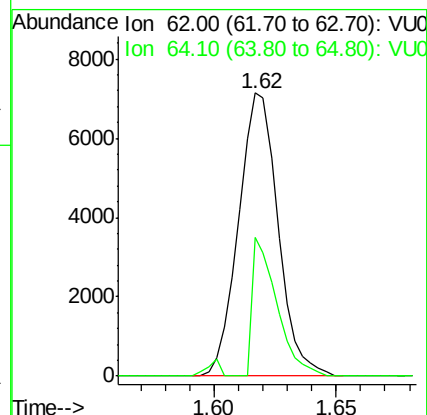
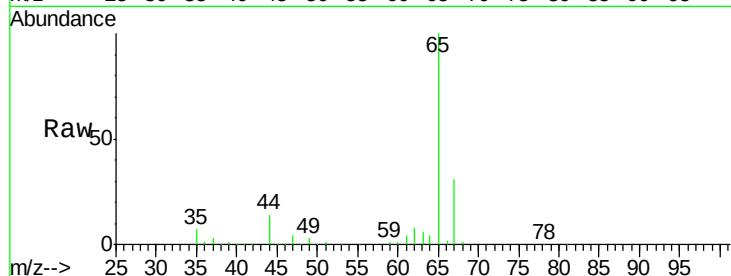
BFXJ1DL

Tot Ion: 62 Resp: 8009

Ion Ratio Lower Upper

62 100

64 48.9 22.4 41.6#



#8

Chloroethane

Concen: 0.685 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU039046.D

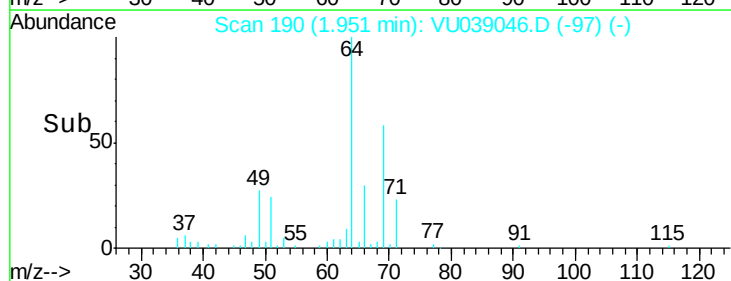
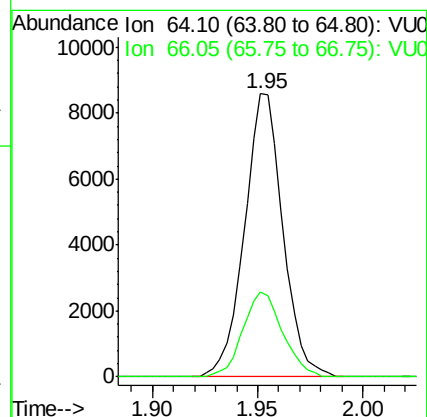
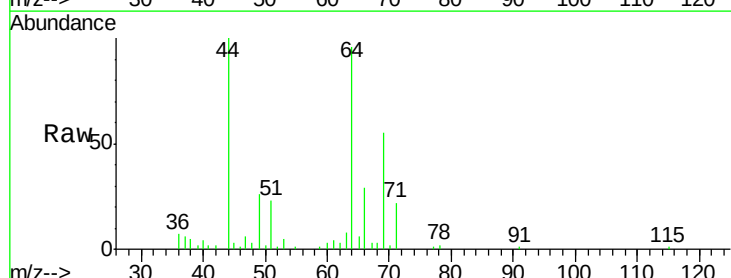
Acq: 23 Jun 2020 17:44

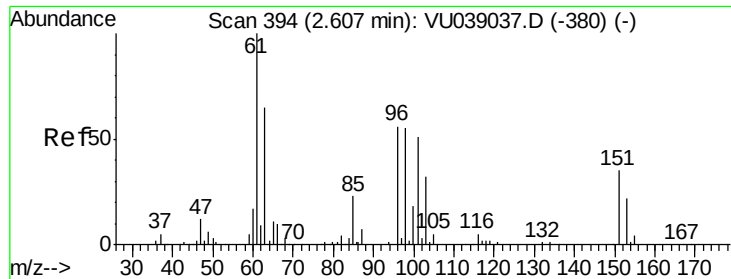
Tgt Ion: 64 Resp: 10832

Ion Ratio Lower Upper

64 100

66 30.1 23.4 43.4





#12

1,1-Dichloroethene

Concen: 0.947 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU039046.D

Acq: 23 Jun 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

BFXJ1DL

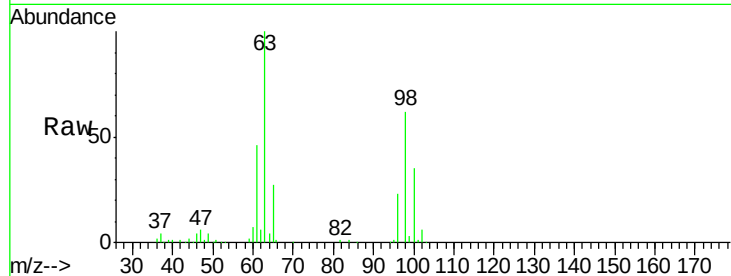
Tot Ion: 96 Resp: 17729

Ion Ratio Lower Upper

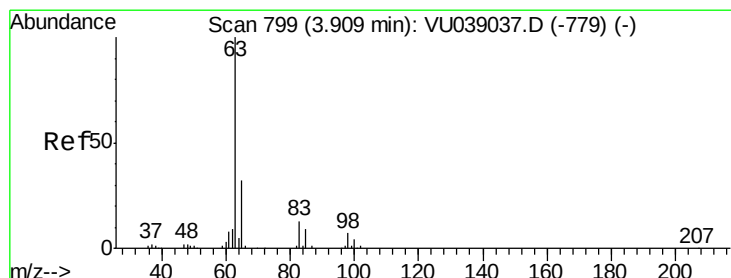
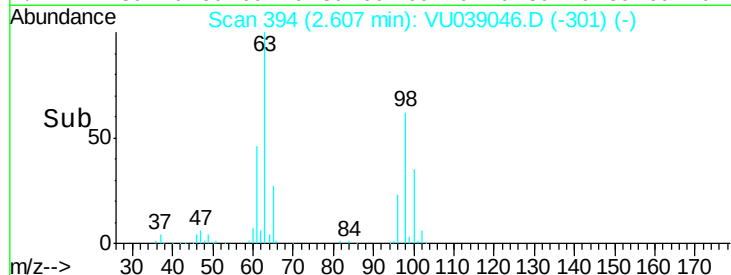
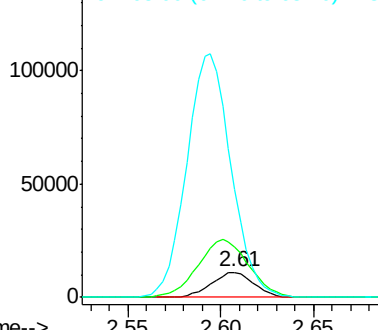
96 100

61 198.0 125.1 232.3

63 431.2 82.3 152.8#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#19

1,1-Dichloroethane

Concen: 10.996 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU039046.D

Acq: 23 Jun 2020 17:44

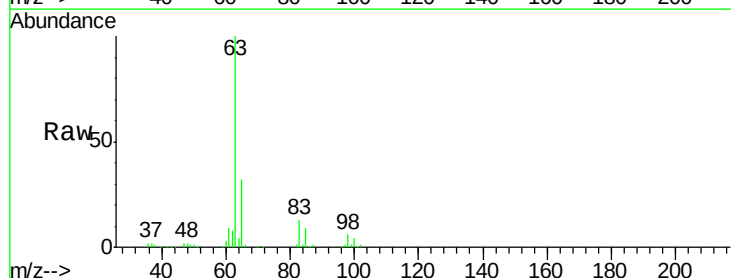
Tgt Ion: 63 Resp: 437757

Ion Ratio Lower Upper

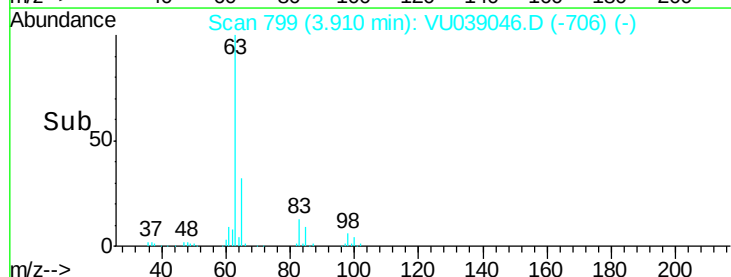
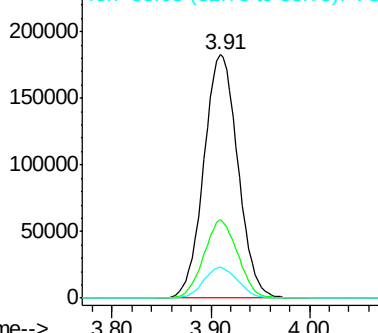
63 100

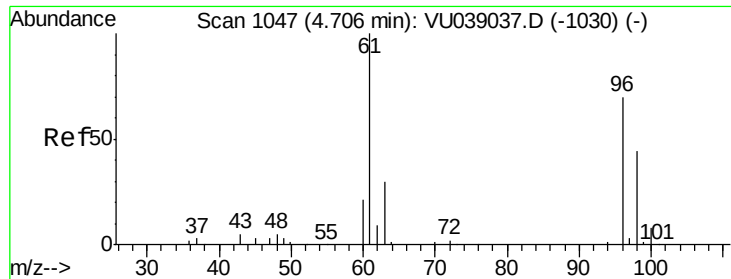
65 32.2 22.1 41.1

83 12.5 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0





#22
 cis-1,2-Dichloroethene
 Concen: 0.158 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU039046.D
 Acq: 23 Jun 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ1DL

Tot Ion: 96 Resp: 3404
 Ion Ratio Lower Upper
 96 100
 61 159.3 100.8 187.2
 68 0.0 0.0 0.0

