

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU041019\
 Data File : VU030982.D
 Acq On : 10 Apr 2019 02:20
 Operator : JC/SP
 Sample : K2248-18RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD3RE

Quant Time: Apr 10 06:09:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 05:50:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68787	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.68	69	64900	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	107464	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.18	46	277288	65.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.02%#
24) Chloroform-d	4.64	84	132935	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.31	65	88481	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.33	84	254469	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.33	67	93846	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.56	98	193782	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.85	79	28136	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.31	63	160316	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	80731	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	76466	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

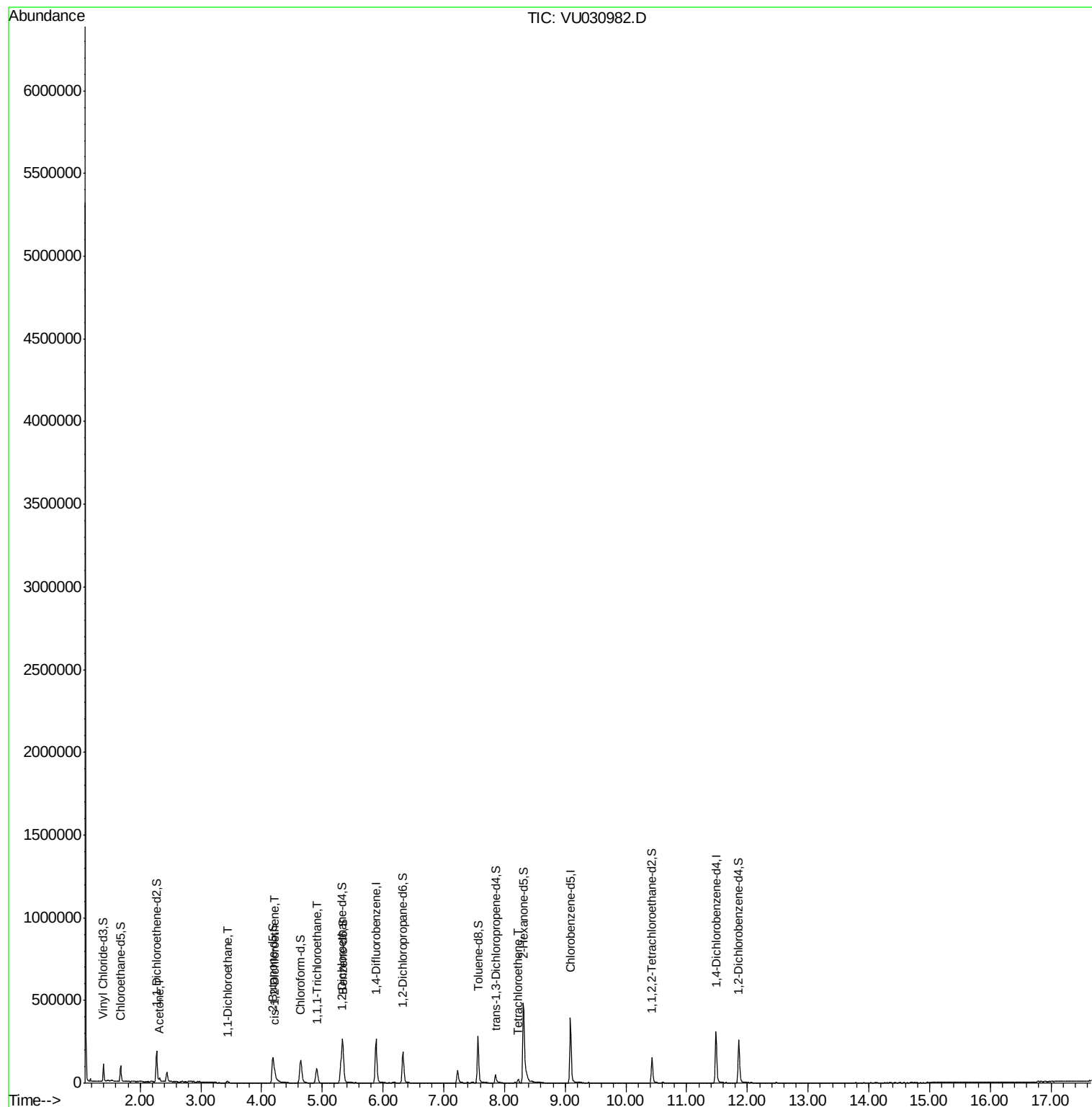
					Ovalue
13) Acetone	2.32	43	23000	6.975 ug/L	96
19) 1,1-Dichloroethane	3.44	63	9187	0.260 ug/L #	96
22) cis-1,2-Dichloroethene	4.22	96	6085	0.342 ug/L	86
29) 1,1,1-Trichloroethane	4.91	97	69245	2.422 ug/L	97
47) Tetrachloroethene	8.22	164	4623	0.347 ug/L	92

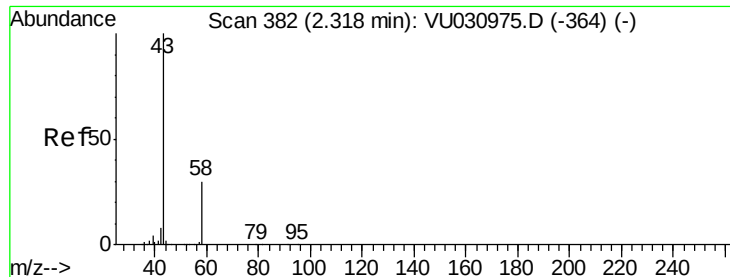
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.975 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030982.D

Acq: 10 Apr 2019 02:20

Instrument :

MSVOA_U

ClientSampleId :

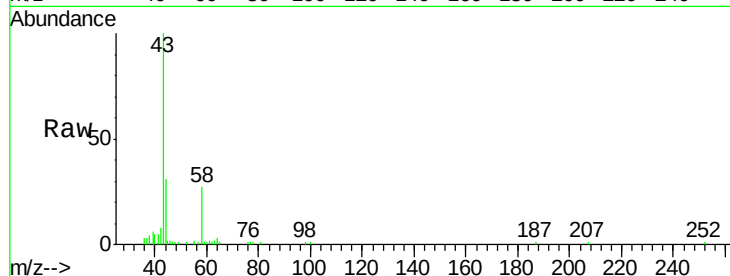
E3YD3RE

Tot Ion: 43 Resp: 23000

Ion Ratio Lower Upper

43 100

58 29.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030982.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU030982.D (-289) (-)

2.32

15000

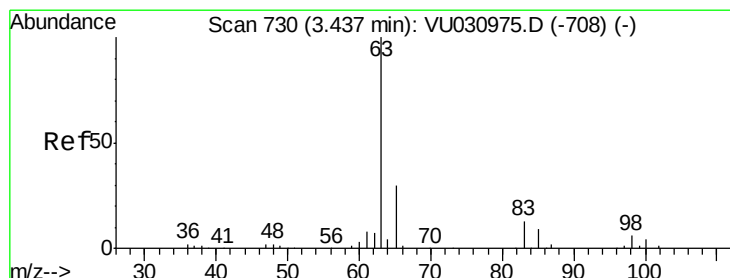
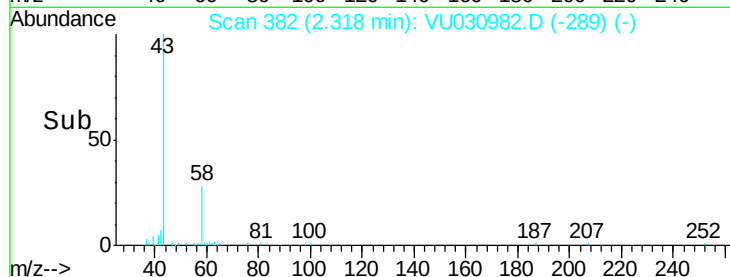
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#19

1,1-Dichloroethane

Concen: 0.260 ug/L

RT: 3.44 min Scan# 732

Delta R.T. 0.01 min

Lab File: VU030982.D

Acq: 10 Apr 2019 02:20

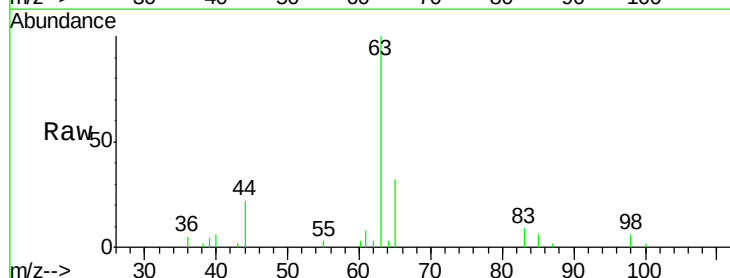
Tgt Ion: 63 Resp: 9187

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.0

83 8.5 9.1 16.9#



Abundance Ion 63.10 (62.80 to 63.80): VU030982.D (-637) (-)

Ion 65.10 (64.80 to 65.80): VU030982.D (-637) (-)

Ion 83.05 (82.75 to 83.75): VU030982.D (-637) (-)

3.44

6000

5000

4000

3000

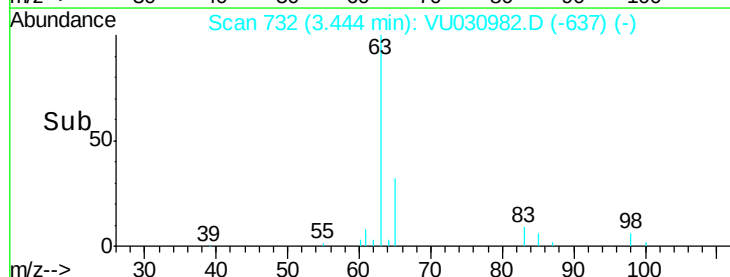
2000

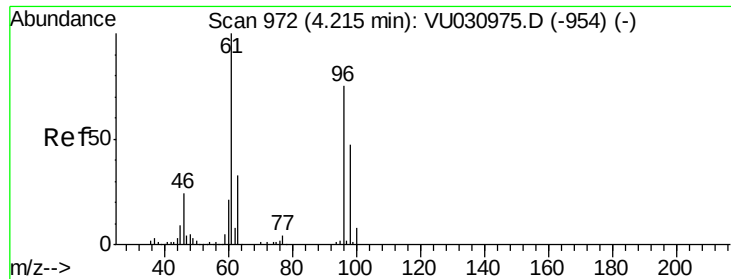
1000

0

Time-->

3.35 3.40 3.45 3.50



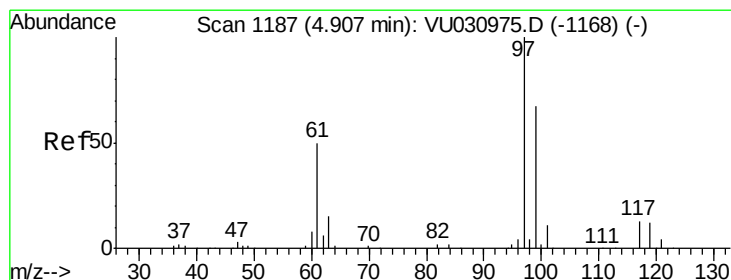
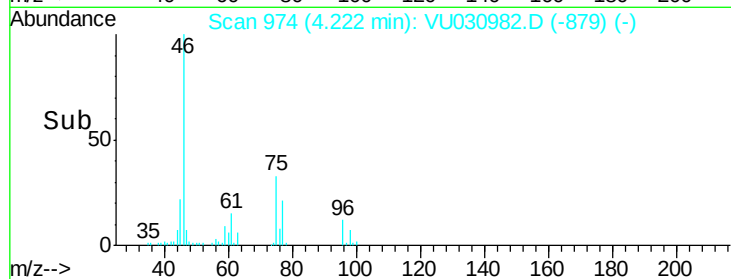
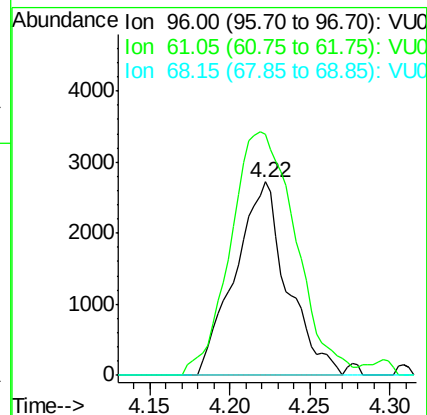
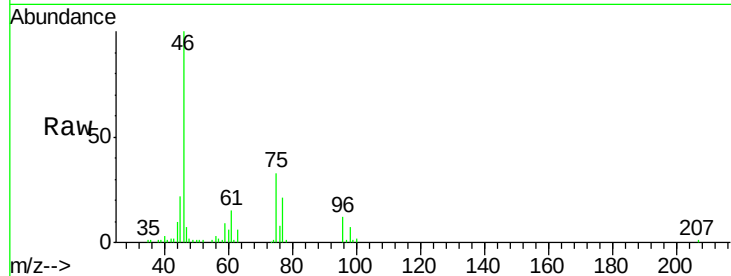


#22

cis-1,2-Dichloroethene
 Concen: 0.342 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: VU030982.D
 Acq: 10 Apr 2019 02:20

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YD3RE

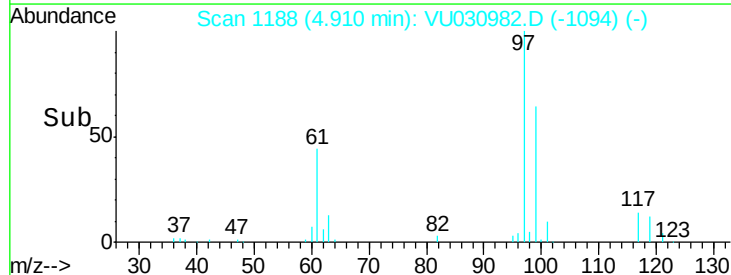
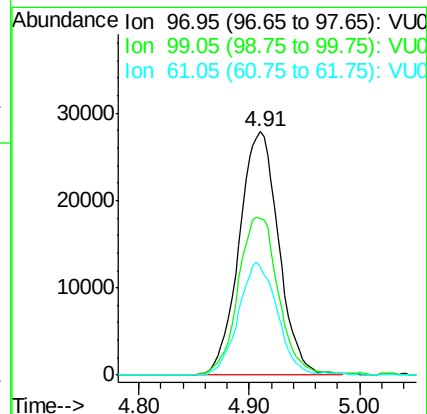
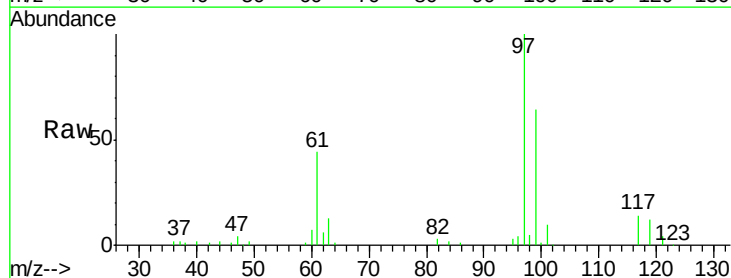
Tot Ion: 96 Resp: 6085
 Ion Ratio Lower Upper
 96 100
 61 124.8 98.9 183.7
 68 0.0 0.0 0.0

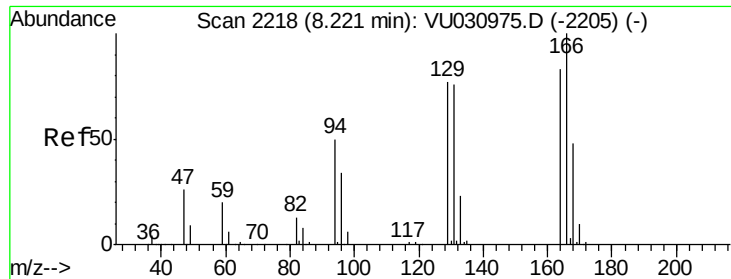


#29

1,1,1-Trichloroethane
 Concen: 2.422 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU030982.D
 Acq: 10 Apr 2019 02:20

Tgt Ion: 97 Resp: 69245
 Ion Ratio Lower Upper
 97 100
 99 66.3 51.8 77.6
 61 45.1 38.1 57.1





#47
Tetrachloroethene
Concen: 0.347 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU030982.D
Acq: 10 Apr 2019 02:20

Instrument :
MSVOA_U
ClientSampleId :
E3YD3RE

Tot Ion:164 Resp: 4623
Ion Ratio Lower Upper
164 100
129 103.0 70.1 130.1
131 102.5 67.8 125.8
166 142.5 87.9 163.3

