

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039372.D
 Acq On : 09 Jul 2020 01:58
 Operator : SY/MD
 Sample : L3243-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A82

Quant Time: Jul 09 07:27:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 05:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	97563	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43902	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26573	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.93	69	31064	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.58	63	42030	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.66	46	159696	61.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.44%
24) Chloroform-d	5.09	84	66127	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.72	65	44782	5.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.60%
32) Benzene-d6	5.75	84	132480	6.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.20%
36) 1,2-Dichloropropane-d6	6.71	67	45167	5.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.60%
41) Toluene-d8	7.91	98	113956	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
43) trans-1,3-Dichloropropene-	8.19	79	18659	5.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.80%
46) 2-Hexanone-d5	8.64	63	112634	56.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42450	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46014	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

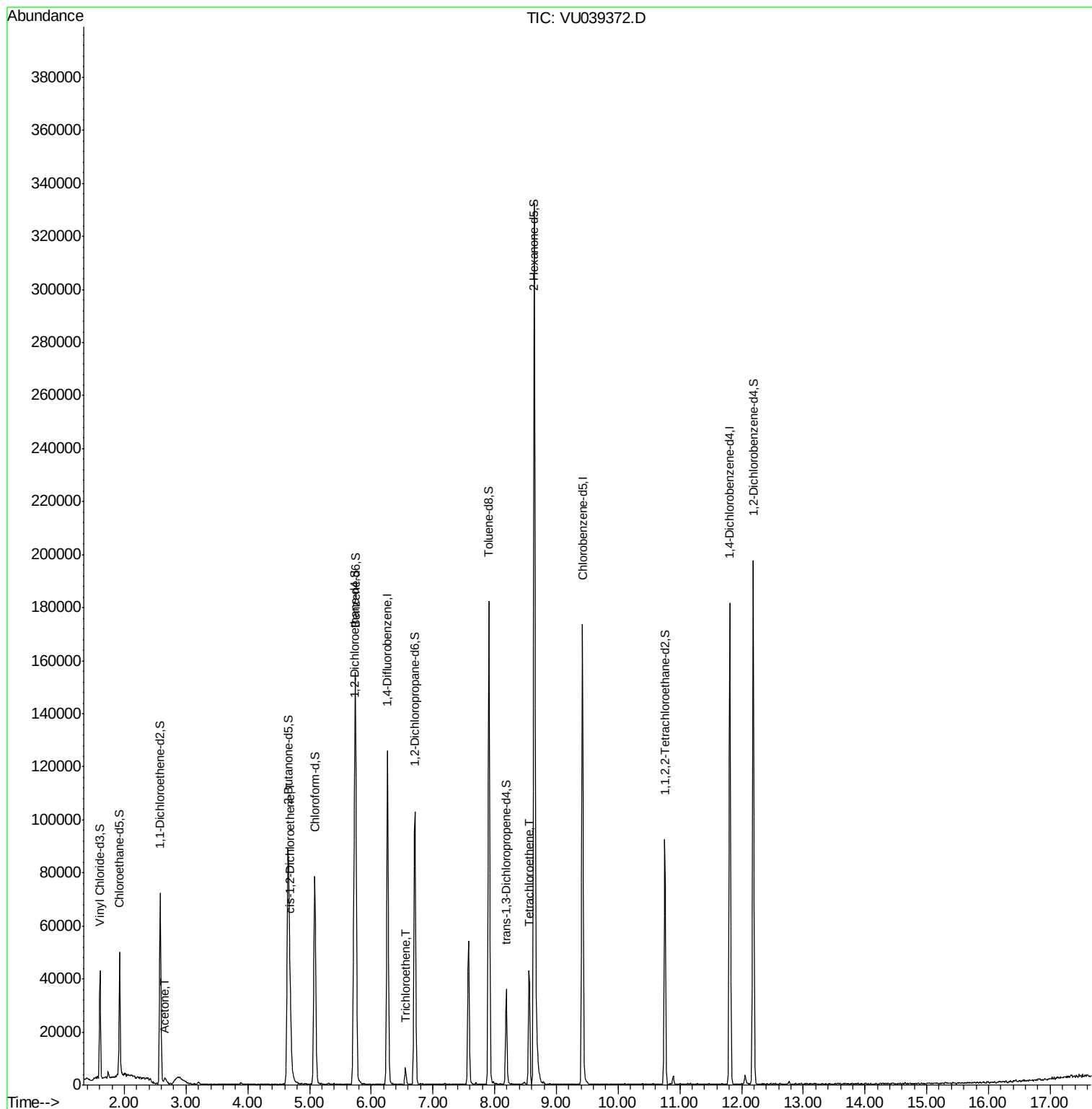
					Ovalue
13) Acetone	2.66	43	3356	2.403 ug/L	75
22) cis-1,2-Dichloroethene	4.69	96	4009	0.557 ug/L	97
34) Trichloroethene	6.56	95	1891	0.274 ug/L	96
47) Tetrachloroethene	8.56	164	8476	1.765 ug/L	97

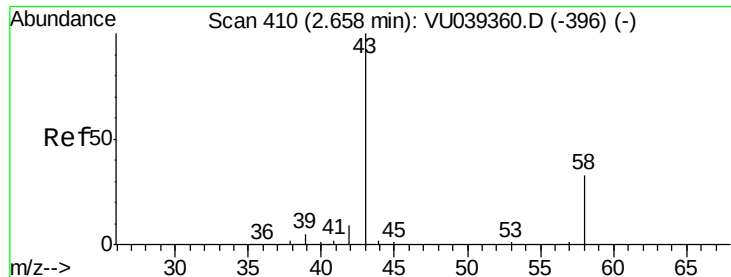
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.403 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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Acq: 09 Jul 2020 01:58

Instrument :

MSVOA_U

ClientSampleId :

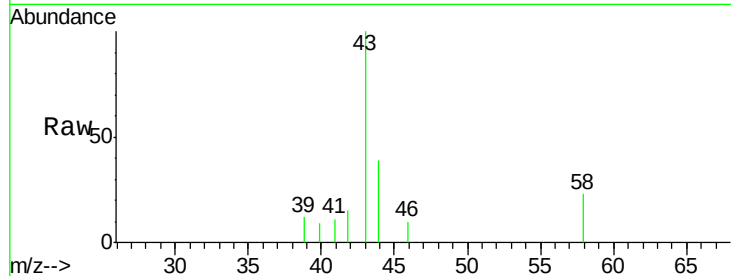
F4A82

Tot Ion: 43 Resp: 3356

Ion Ratio Lower Upper

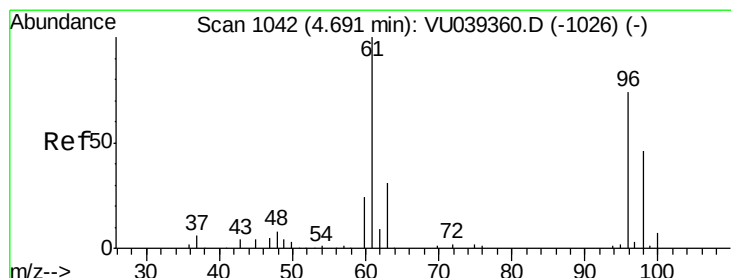
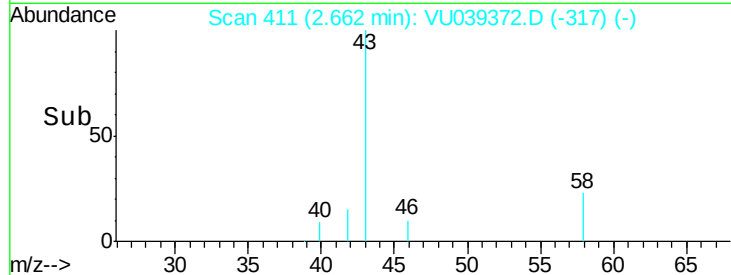
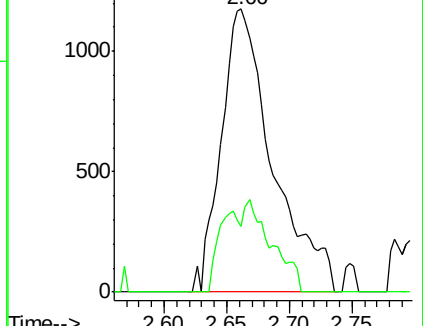
43 100

58 17.5 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039372.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU039372.D (-317) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.557 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VU039372.D

Acq: 09 Jul 2020 01:58

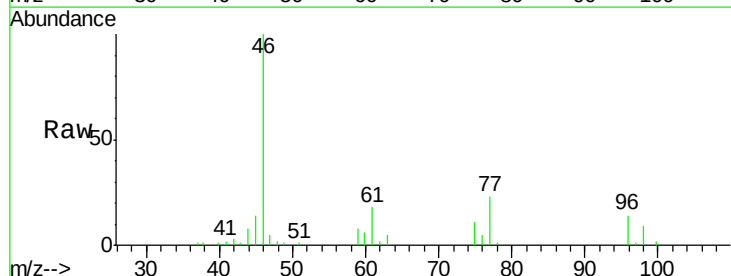
Tgt Ion: 96 Resp: 4009

Ion Ratio Lower Upper

96 100

61 128.6 92.8 172.4

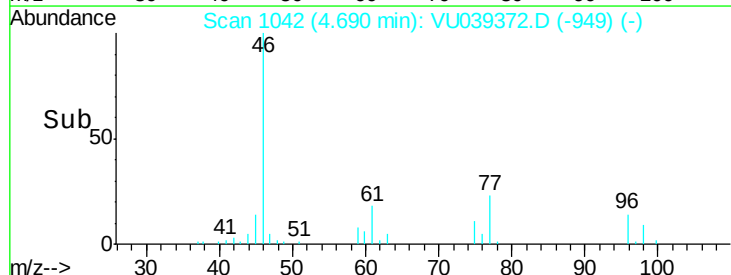
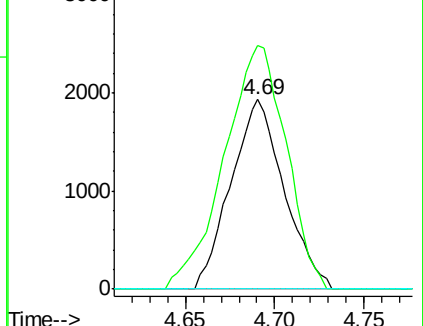
68 0.0 0.0 0.0

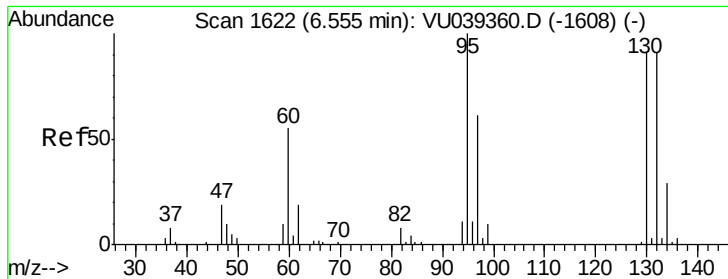


Abundance Ion 96.00 (95.70 to 96.70): VU039372.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU039372.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU039372.D (-949) (-)





#34

Trichloroethene

Concen: 0.274 ug/L

RT: 6.56 min Scan# 1623

Delta R.T. 0.00 min

Lab File: VU039372.D

Acq: 09 Jul 2020 01:58

Instrument :

MSVOA_U

ClientSampleId :

F4A82

Tot Ion: 95 Resp: 1891

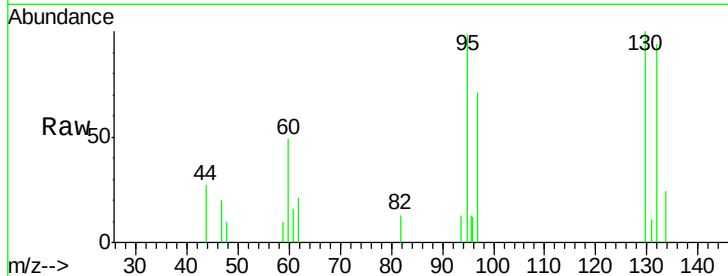
Ion Ratio Lower Upper

95 100

97 64.1 46.3 85.9

132 84.8 64.0 118.8

130 89.7 64.3 119.5

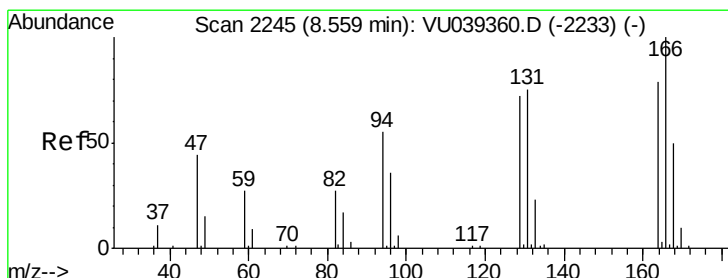
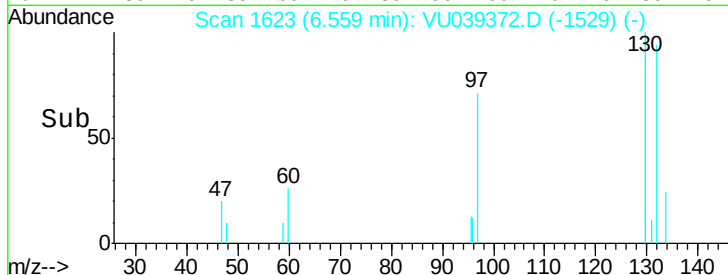
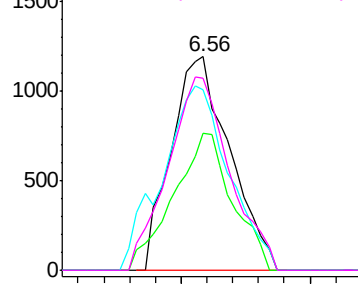


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.765 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039372.D

Acq: 09 Jul 2020 01:58

Tgt Ion:164 Resp: 8476

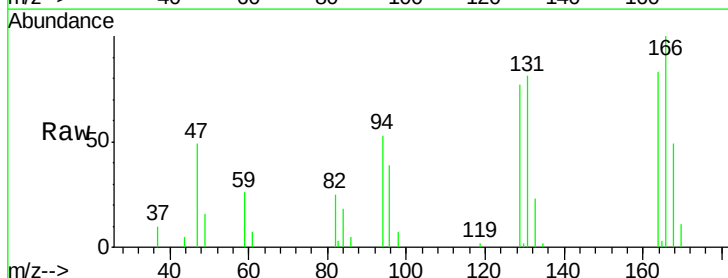
Ion Ratio Lower Upper

164 100

129 93.4 68.6 127.4

131 98.0 66.4 123.4

166 120.6 85.9 159.5



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

