

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039382.D
 Acq On : 09 Jul 2020 05:48
 Operator : SY/MD
 Sample : L3244-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4B11

Quant Time: Jul 10 09:32:19 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	101001	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92240	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28202	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.93	69	30867	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	45240	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	4.65	46	151706	56.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.28%
24) Chloroform-d	5.08	84	65844	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.72	65	43688	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.75	84	132789	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
36) 1,2-Dichloropropane-d6	6.71	67	45600	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.91	98	113429	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
43) trans-1,3-Dichloropropene-	8.19	79	17098	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.64	63	111369	54.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.00%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42119	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44030	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

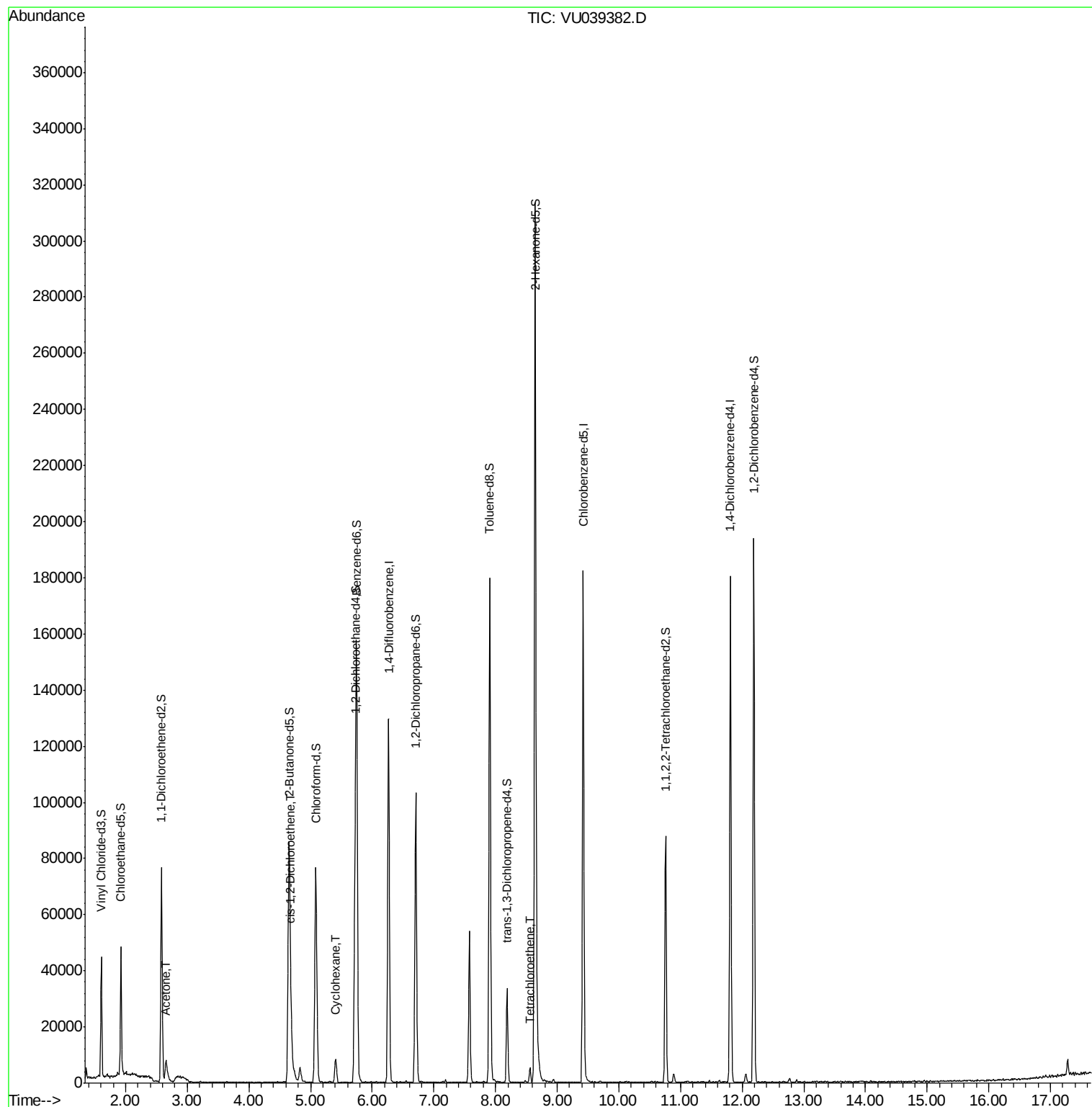
					Ovalue
13) Acetone	2.66	43	13256	9.169 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	877	0.118 ug/L	90
30) Cyclohexane	5.41	56	4403	0.385 ug/L	96
47) Tetrachloroethene	8.56	164	1076	0.217 ug/L	89

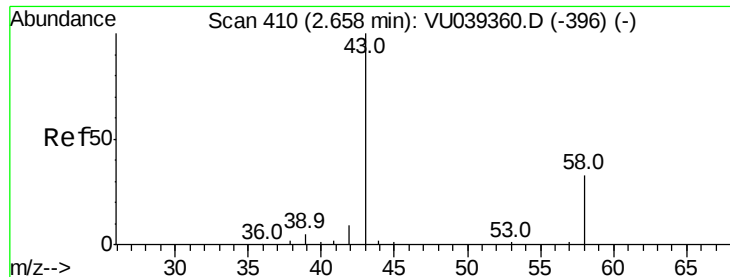
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.169 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

Instrument :

MSVOA_U

ClientSampled :

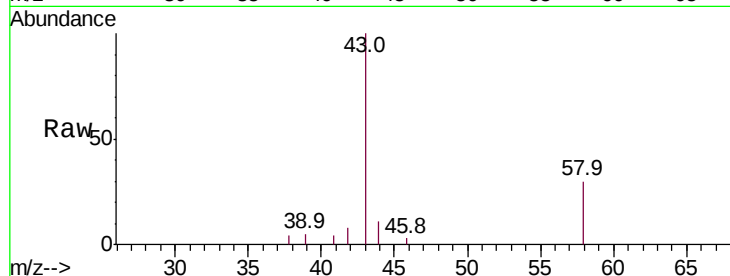
F4B11

Tot Ion: 43 Resp: 13256

Ion Ratio Lower Upper

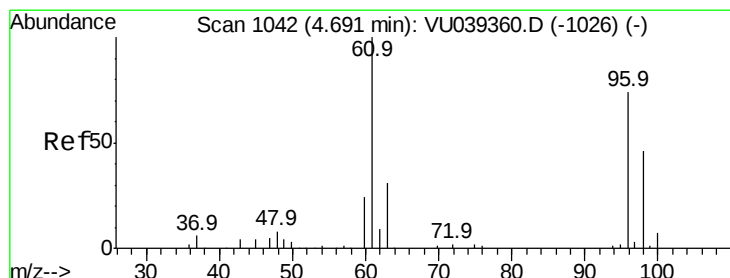
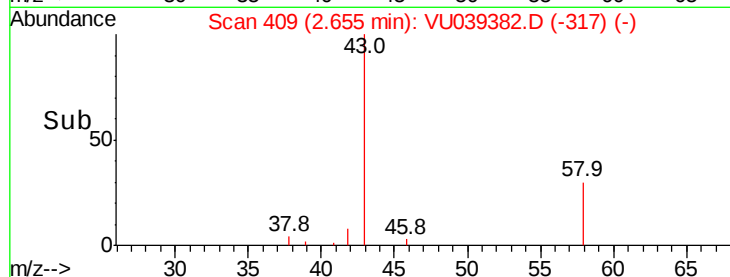
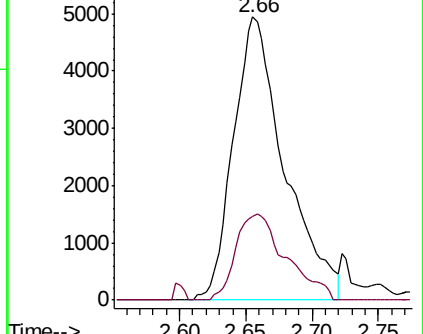
43 100

58 30.0 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039360.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU039360.D (-396) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.118 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

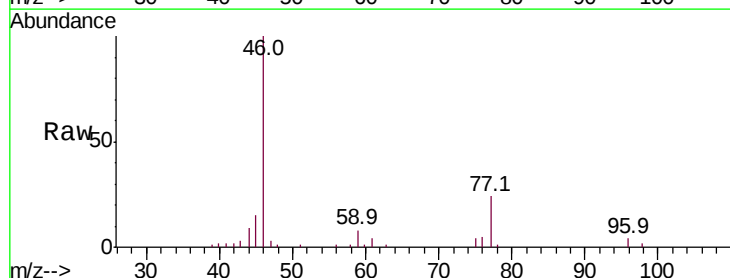
Tgt Ion: 96 Resp: 877

Ion Ratio Lower Upper

96 100

61 120.5 92.8 172.4

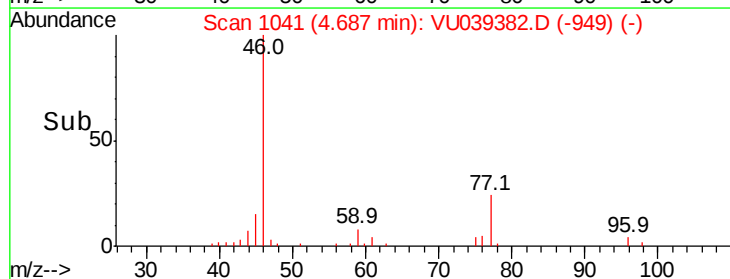
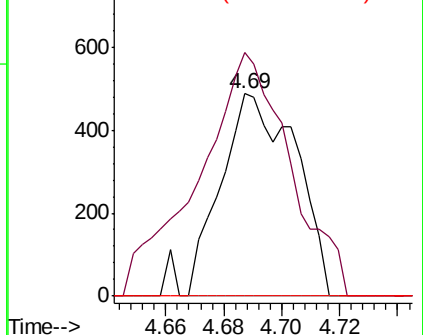
68 0.0 0.0 0.0

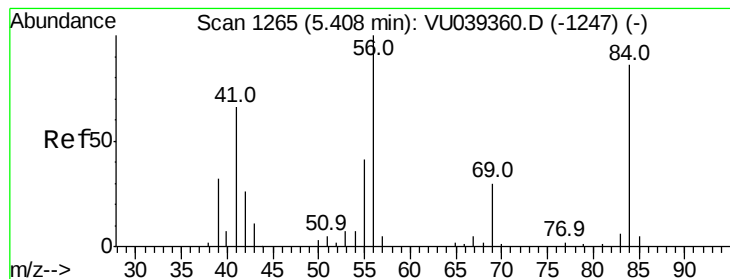


Abundance Ion 96.00 (95.70 to 96.70): VU039360.D (-1026) (-)

Ion 61.05 (60.75 to 61.75): VU039360.D (-1026) (-)

Ion 68.15 (67.85 to 68.85): VU039360.D (-1026) (-)





#30

Cyclohexane

Concen: 0.385 ug/L

RT: 5.41 min Scan# 1265

Delta R.T. -0.00 min

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Acq: 09 Jul 2020 05:48

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F4B11

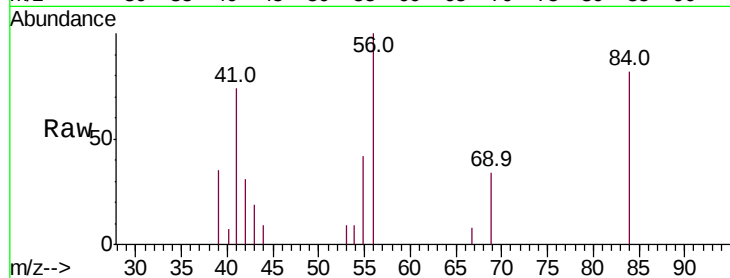
Tot Ion: 56 Resp: 4403

Ion Ratio Lower Upper

56 100

69 28.9 24.1 36.1

84 79.9 67.0 100.6

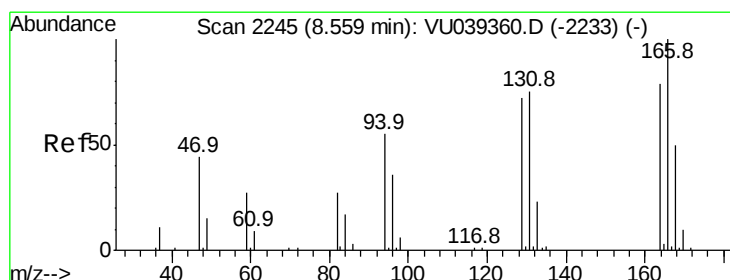
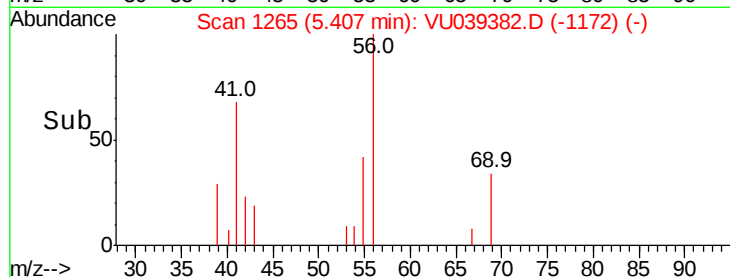
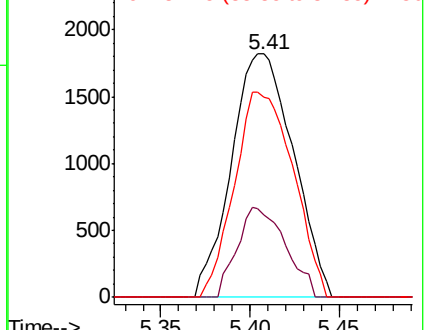


Abundance

Ion 56.10 (55.80 to 56.80): VU039360.D (-1247) (-)

Ion 69.15 (68.85 to 69.85): VU039360.D (-1247) (-)

Ion 84.15 (83.85 to 84.85): VU039360.D (-1247) (-)



#47

Tetrachloroethene

Concen: 0.217 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU039382.D

Acq: 09 Jul 2020 05:48

Tgt Ion: 164 Resp: 1076

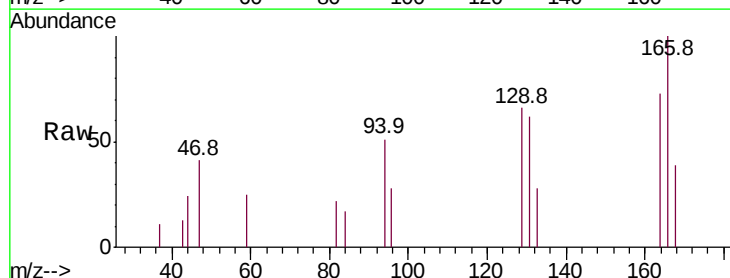
Ion Ratio Lower Upper

164 100

129 89.6 68.6 127.4

131 84.3 66.4 123.4

166 136.4 85.9 159.5



Abundance

Ion 163.90 (163.60 to 164.60): VU039360.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU039360.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU039360.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU039360.D (-2233) (-)

