

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040359.D
 Acq On : 29 Sep 2020 15:18
 Operator : SY/MD
 Sample : L4164-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AD8

Quant Time: Sep 30 02:22:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 01:43:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131168	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30455	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.92	69	29084	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	49209	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.65	46	164011	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	5.08	84	72528	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	46098	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.75	84	132036	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	47463	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	102024	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	18091	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	117816	50.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46166	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48945	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

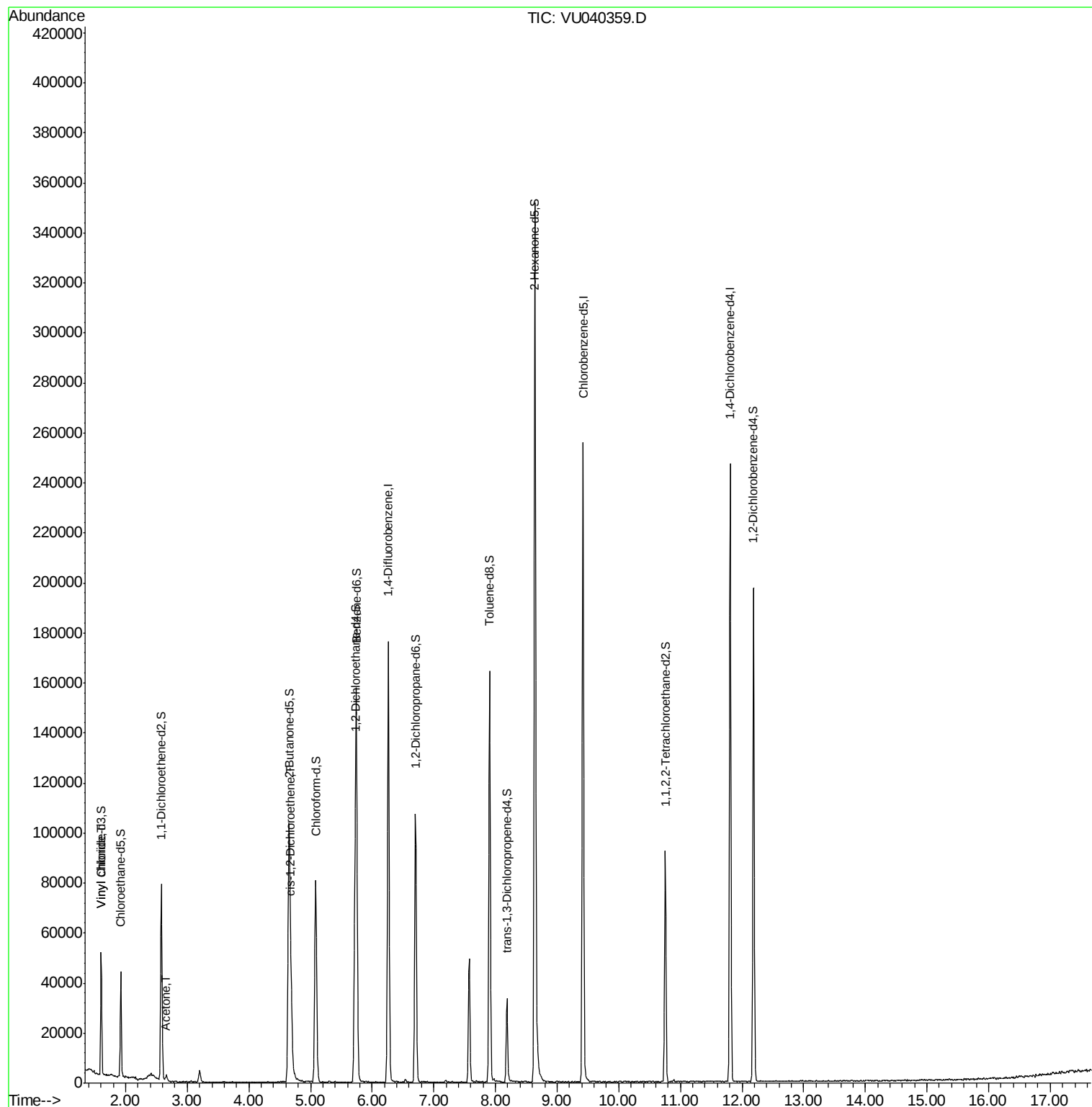
					Ovalue
5) Vinyl chloride	1.61	62	2222	0.175 ug/L	# 74
13) Acetone	2.66	43	4185	1.557 ug/L	73
22) cis-1,2-Dichloroethene	4.69	96	6689	0.585 ug/L	89

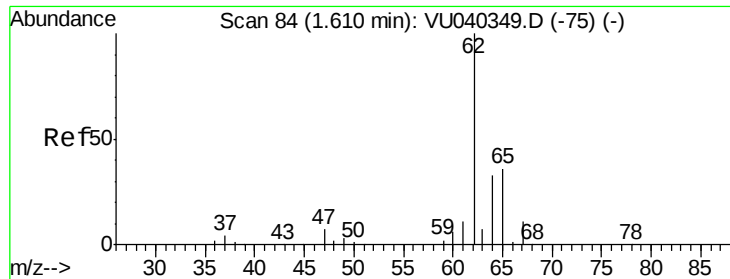
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.175 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 29 Sep 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

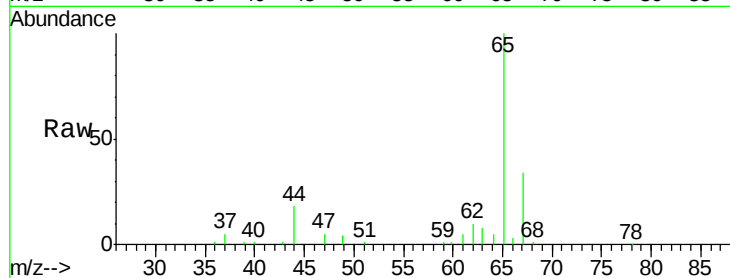
E0AD8

Tot Ion: 62 Resp: 2222

Ion Ratio Lower Upper

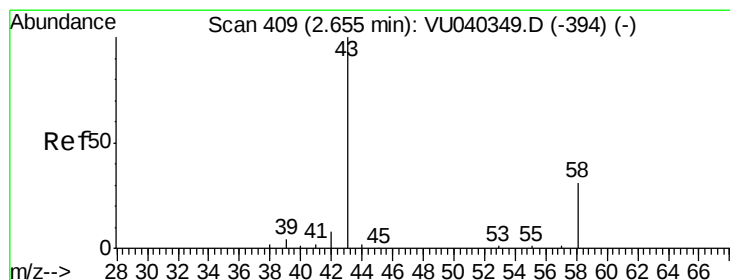
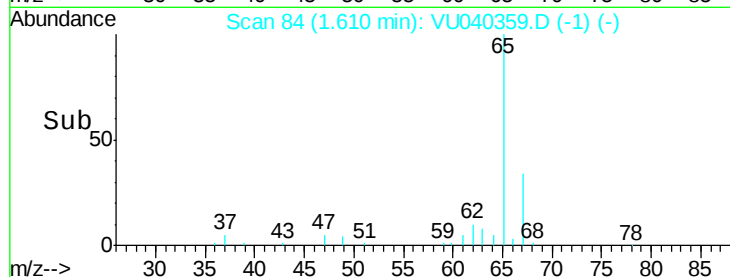
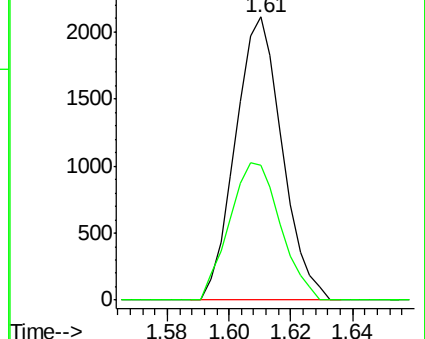
62 100

64 47.5 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 1.557 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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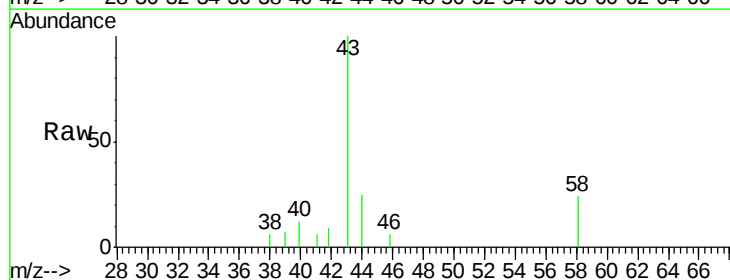
Acq: 29 Sep 2020 15:18

Tgt Ion: 43 Resp: 4185

Ion Ratio Lower Upper

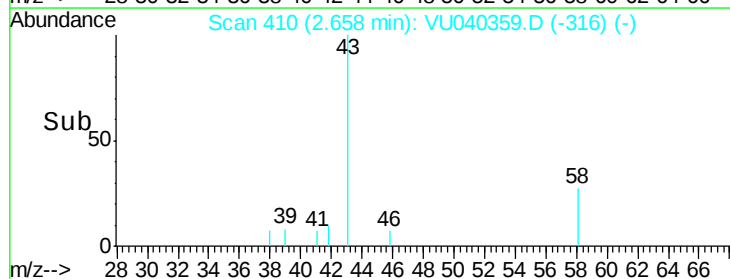
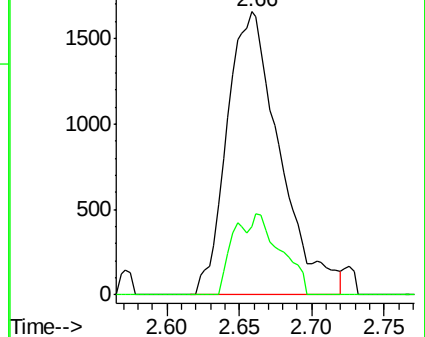
43 100

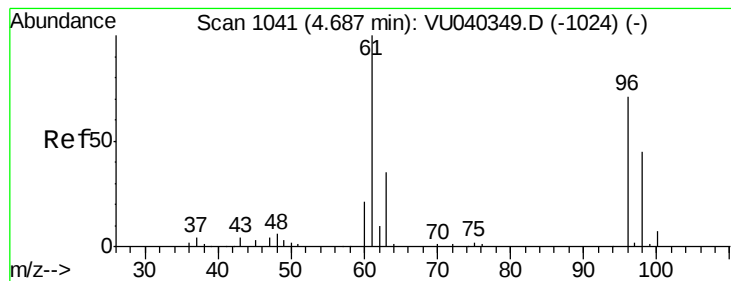
58 16.3 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.585 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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Tot Ion: 96 Resp: 6689

Ion Ratio Lower Upper

96 100

61 128.3 99.3 184.5

68 0.0 0.0 0.0

