

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040417.D
 Acq On : 01 Oct 2020 12:17
 Operator : SY/MD
 Sample : L4186-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F4

Quant Time: Oct 02 04:15:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55123	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27826	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.92	69	26424	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.58	63	44663	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.65	46	164149	54.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.46%
24) Chloroform-d	5.08	84	72422	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	46145	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.74	84	125911	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	46202	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	95569	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	8.19	79	17605	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	112509	51.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45442	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	45963	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

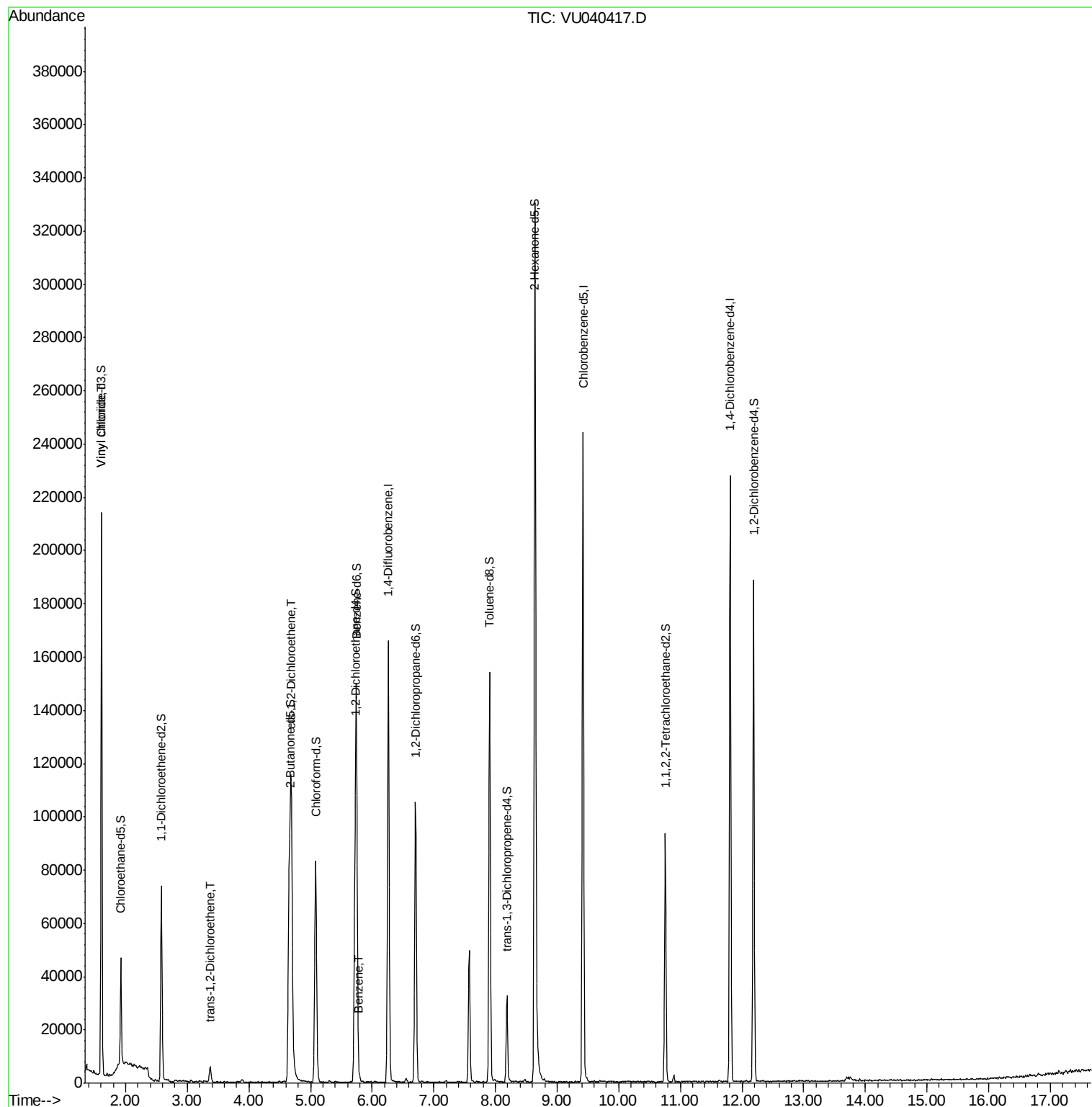
					Ovalue
5) Vinyl chloride	1.61	62	116315	9.777 ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	2298	0.237 ug/L	77
22) cis-1,2-Dichloroethene	4.69	96	37658	3.512 ug/L	98
33) Benzene	5.79	78	1711	0.041 ug/L	100

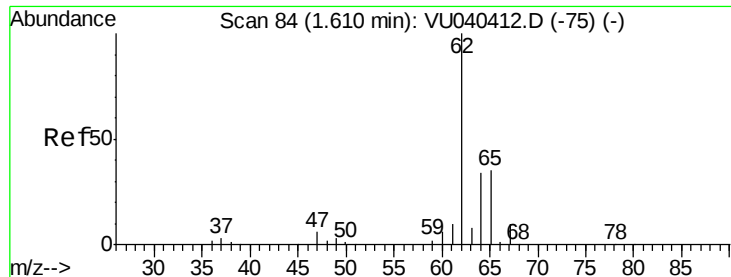
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.777 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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ClientSampleId :

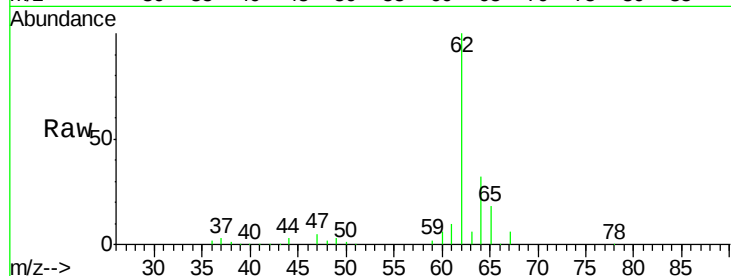
BG0F4

Tot Ion: 62 Resp: 116315

Ion Ratio Lower Upper

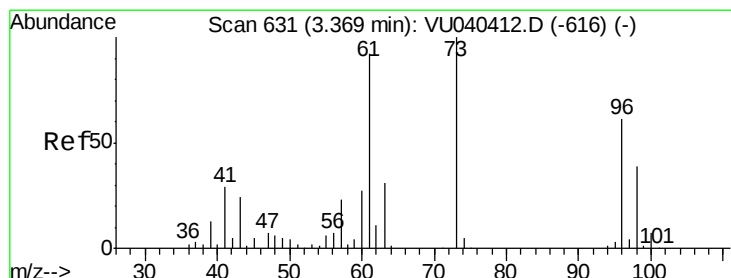
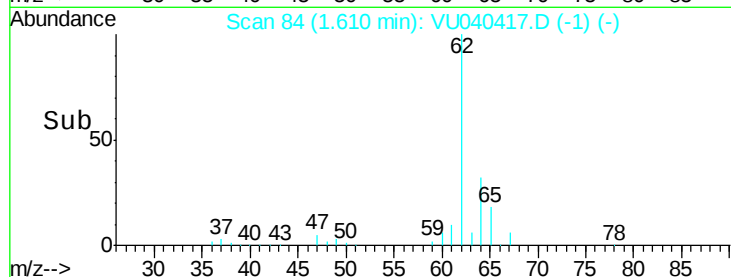
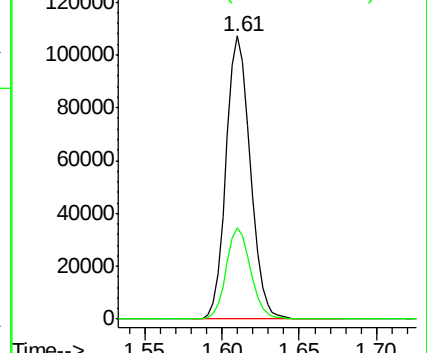
62 100

64 32.4 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.237 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU040417.D

Acq: 01 Oct 2020 12:17

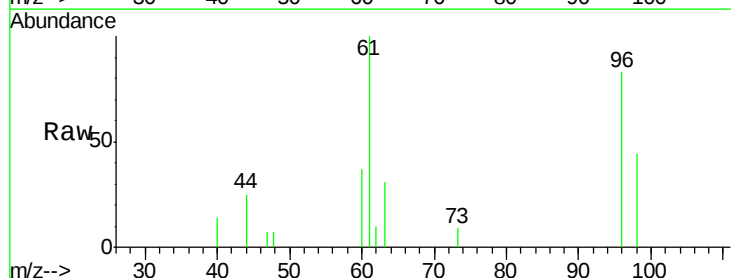
Tgt Ion: 96 Resp: 2298

Ion Ratio Lower Upper

96 100

61 121.2 109.3 203.1

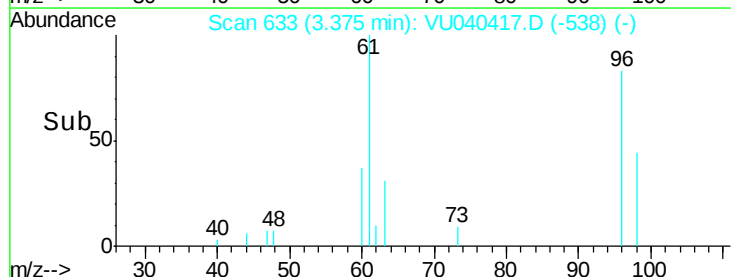
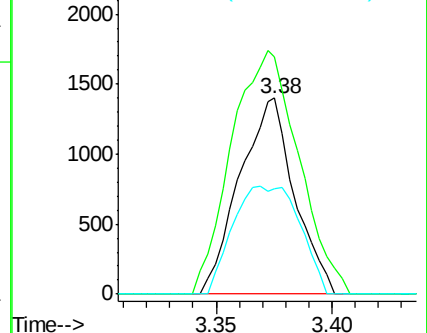
98 53.7 45.8 85.0

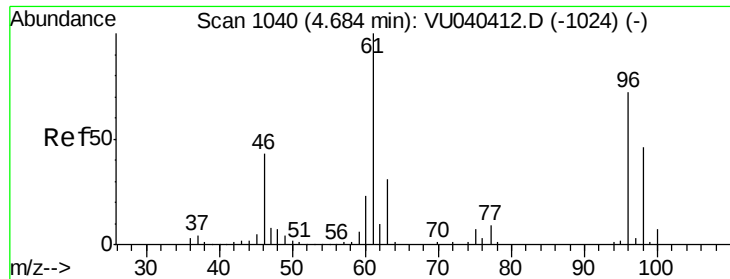


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 3.512 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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Acq: 01 Oct 2020 12:17

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BG0F4

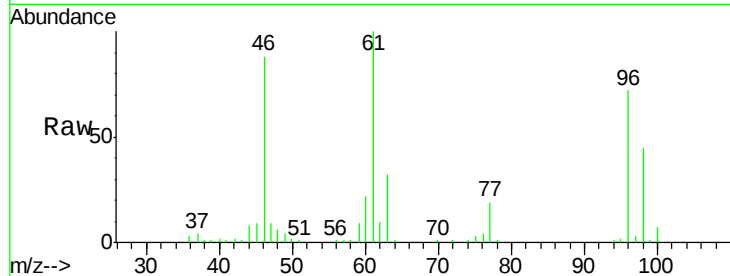
Tot Ion: 96 Resp: 37658

Ion Ratio Lower Upper

96 100

61 139.2 99.3 184.5

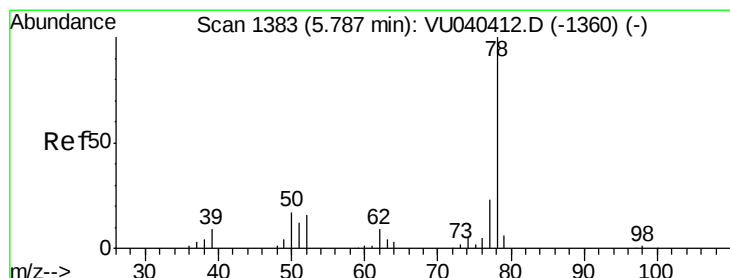
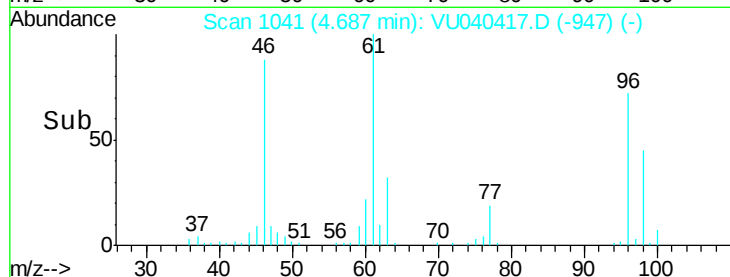
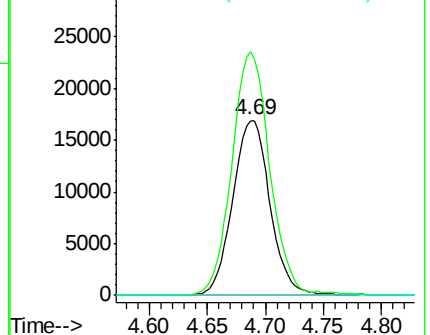
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040417.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU040417.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU040417.D (-1024) (-)



#33

Benzene

Concen: 0.041 ug/L

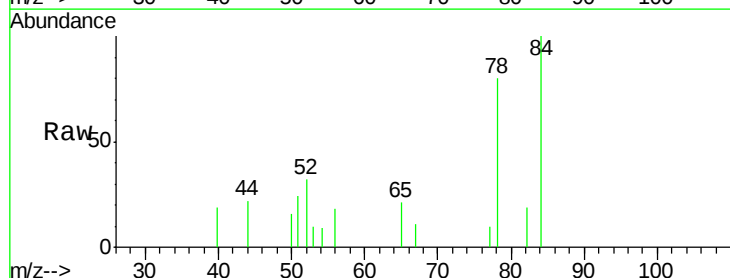
RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU040417.D

Acq: 01 Oct 2020 12:17

Tgt Ion: 78 Resp: 1711



Abundance Ion 78.10 (77.80 to 78.80): VU040417.D (-1290) (-)

